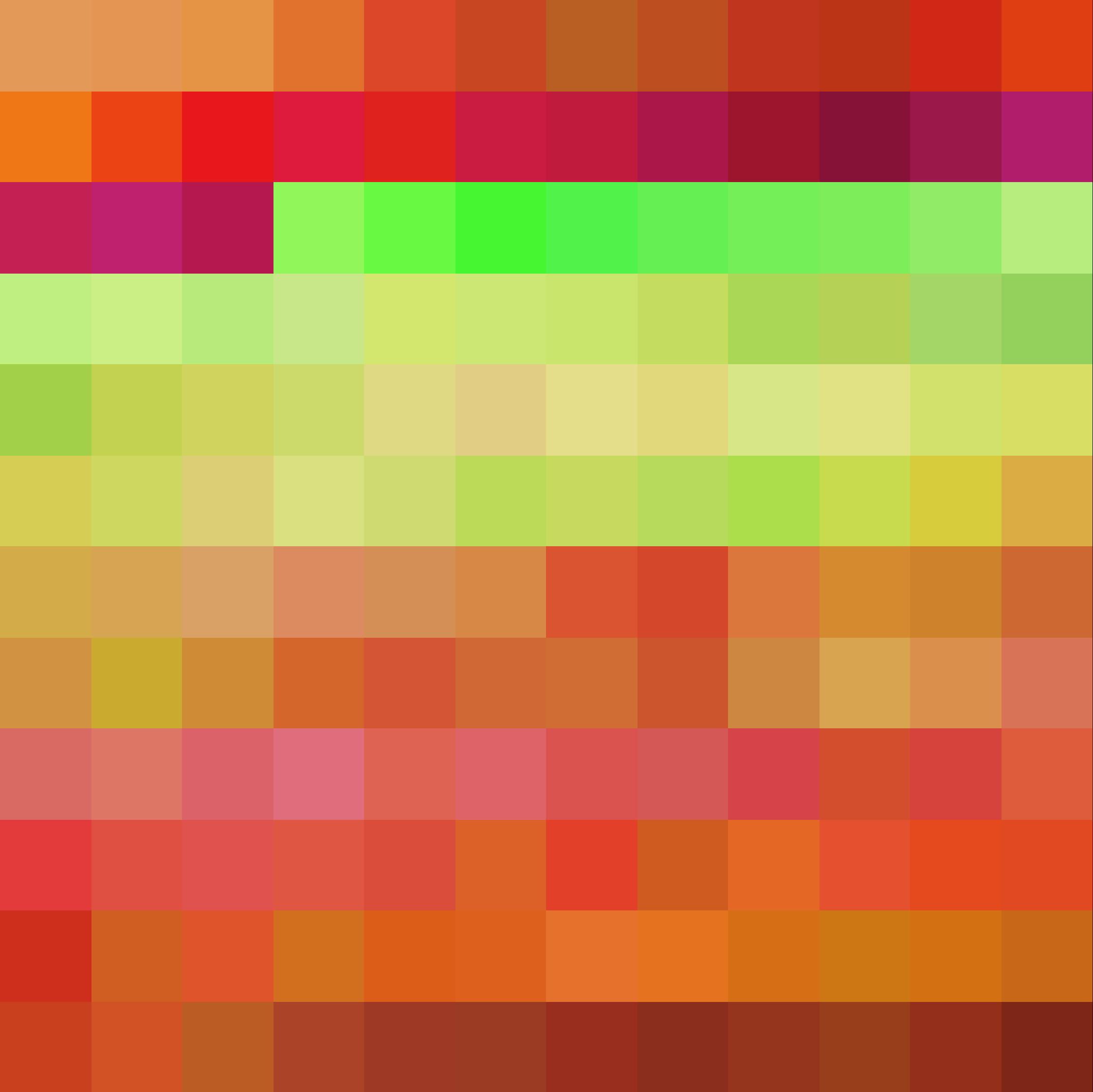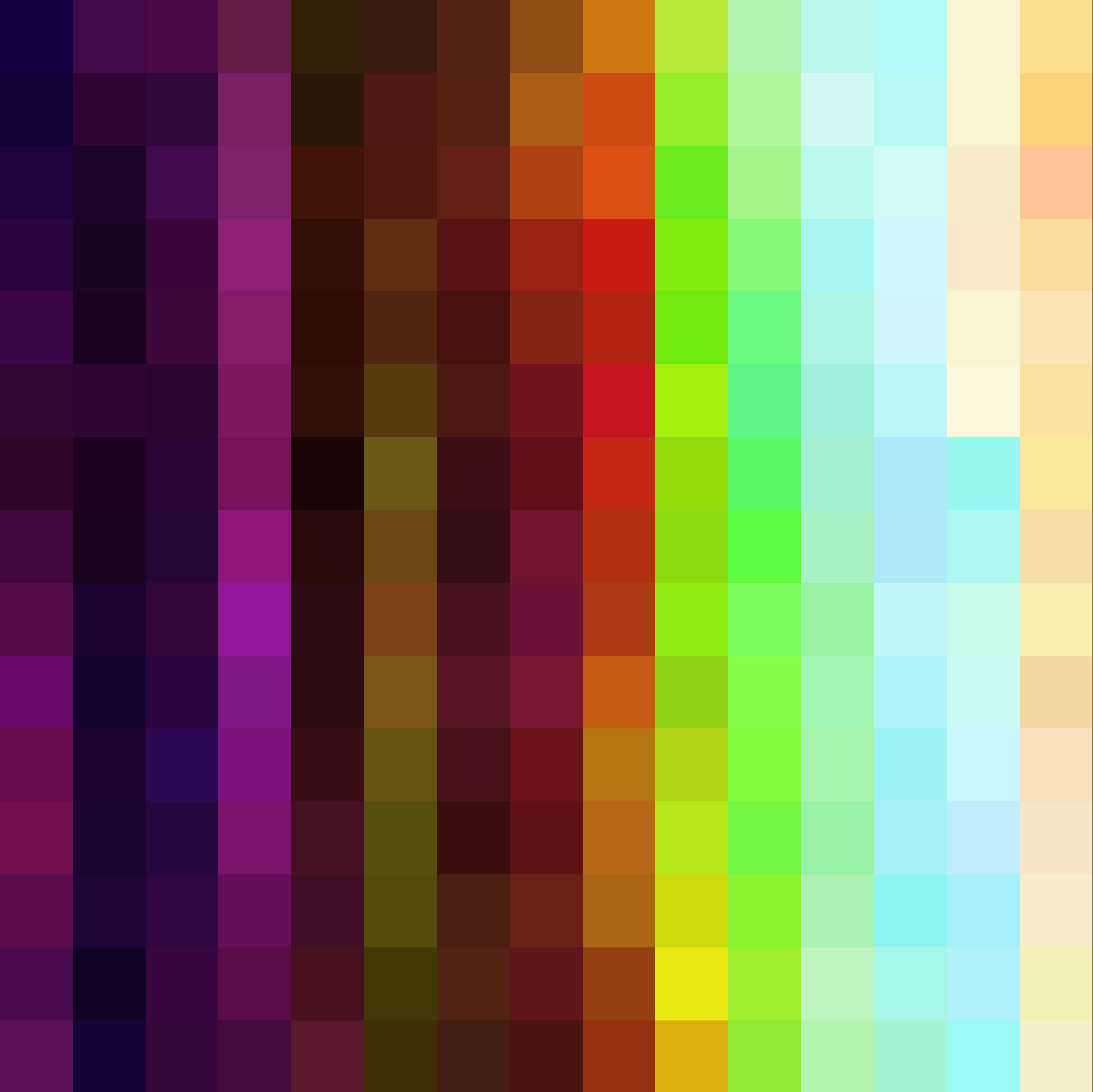# 100 random pixel gradients
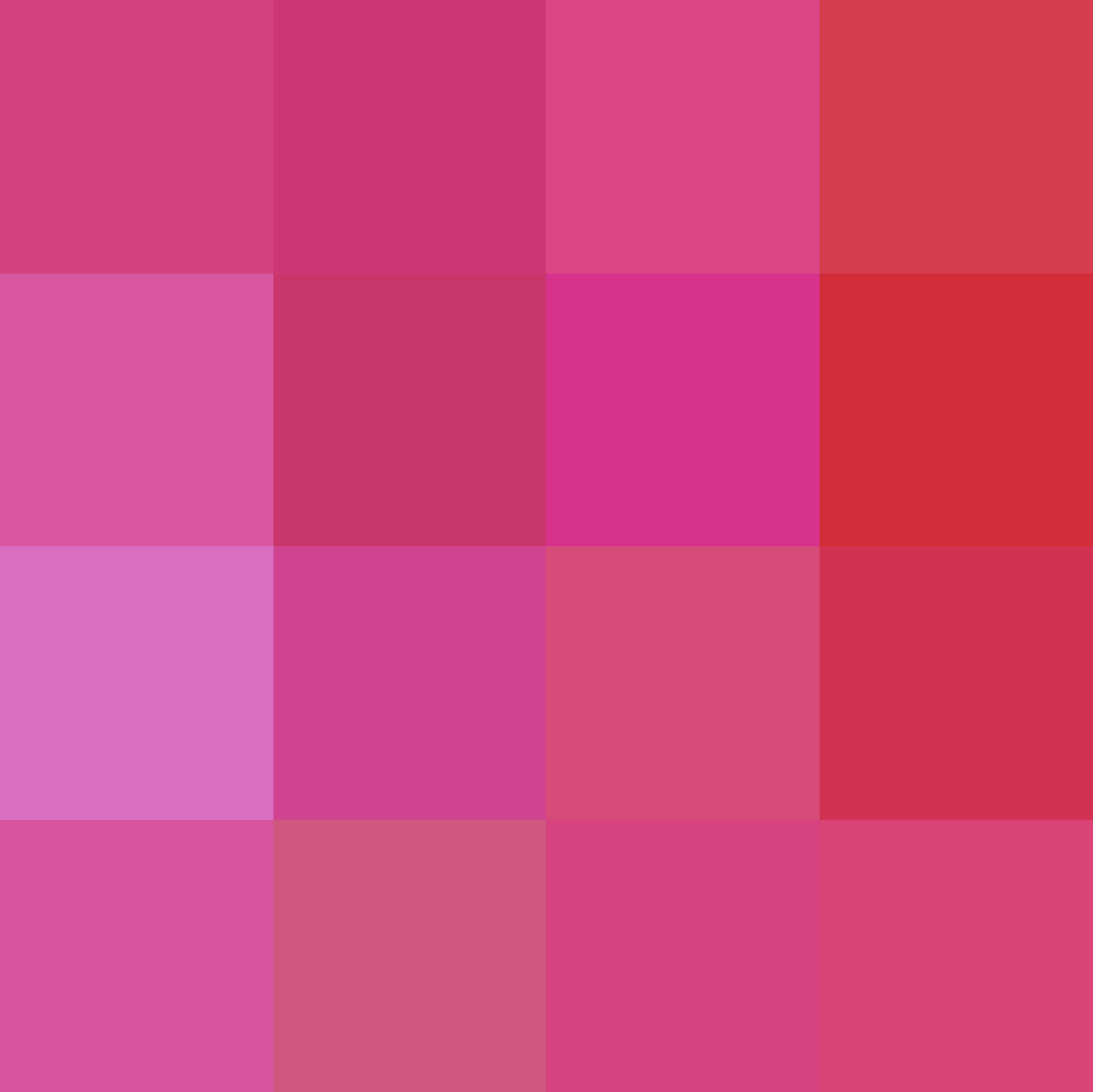
Vasilis van Gemert – 25-07-2023

This colourful gradient, generated in this 12 by 12 pixel grid, is mostly red, and it also has quite some orange, some yellow, some green, and a little bit of lime in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, but it also has some orange, some green, some magenta, some cyan, a bit of yellow, a bit of purple, a little bit of rose, a tiny bit of violet, a tiny bit of indigo, a tiny bit of lime, and a tiny bit of blue in it.
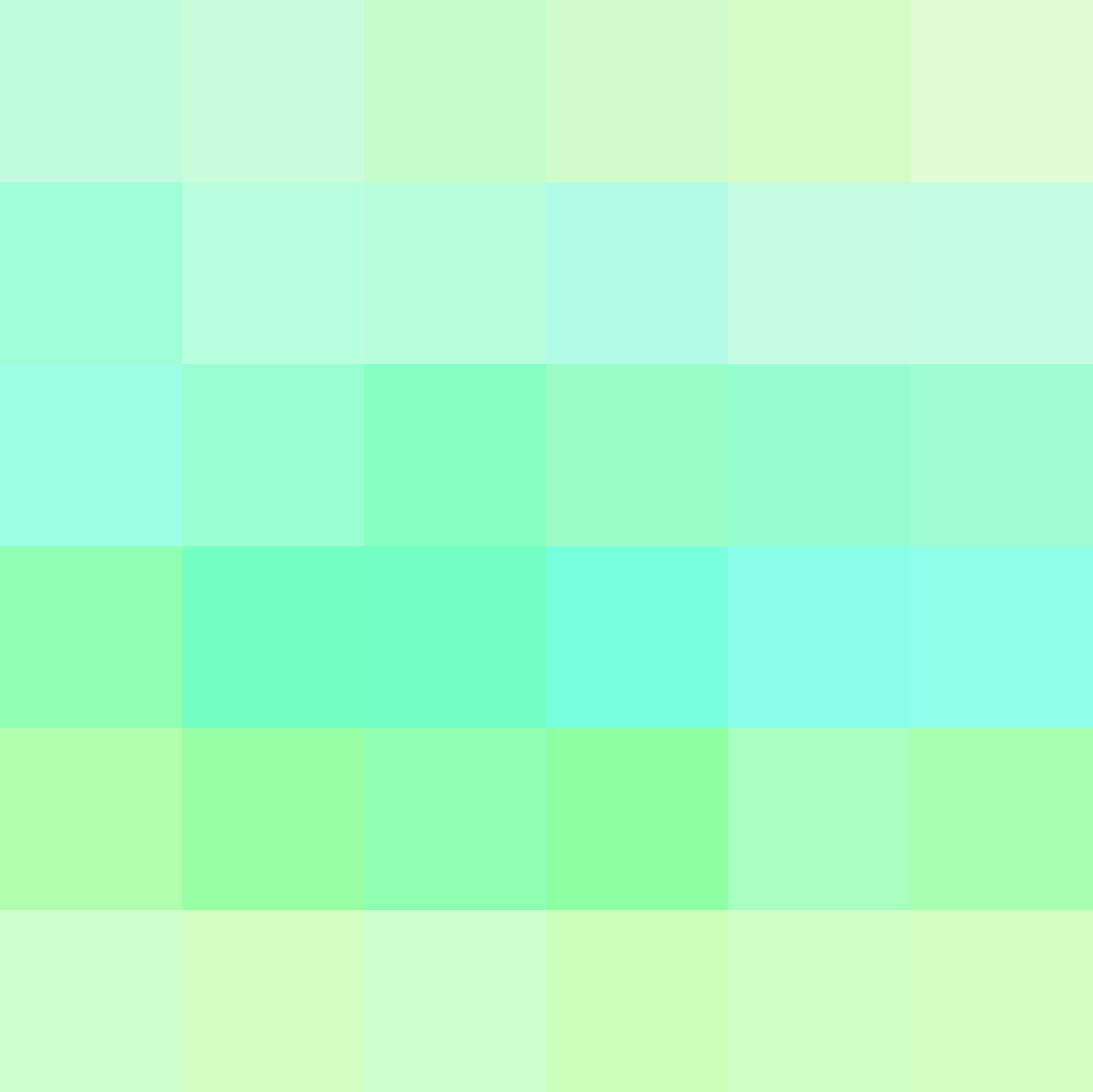
The gradient in this 4 by 4 pixel grid is mostly rose, but it also has some red, and some magenta in it.
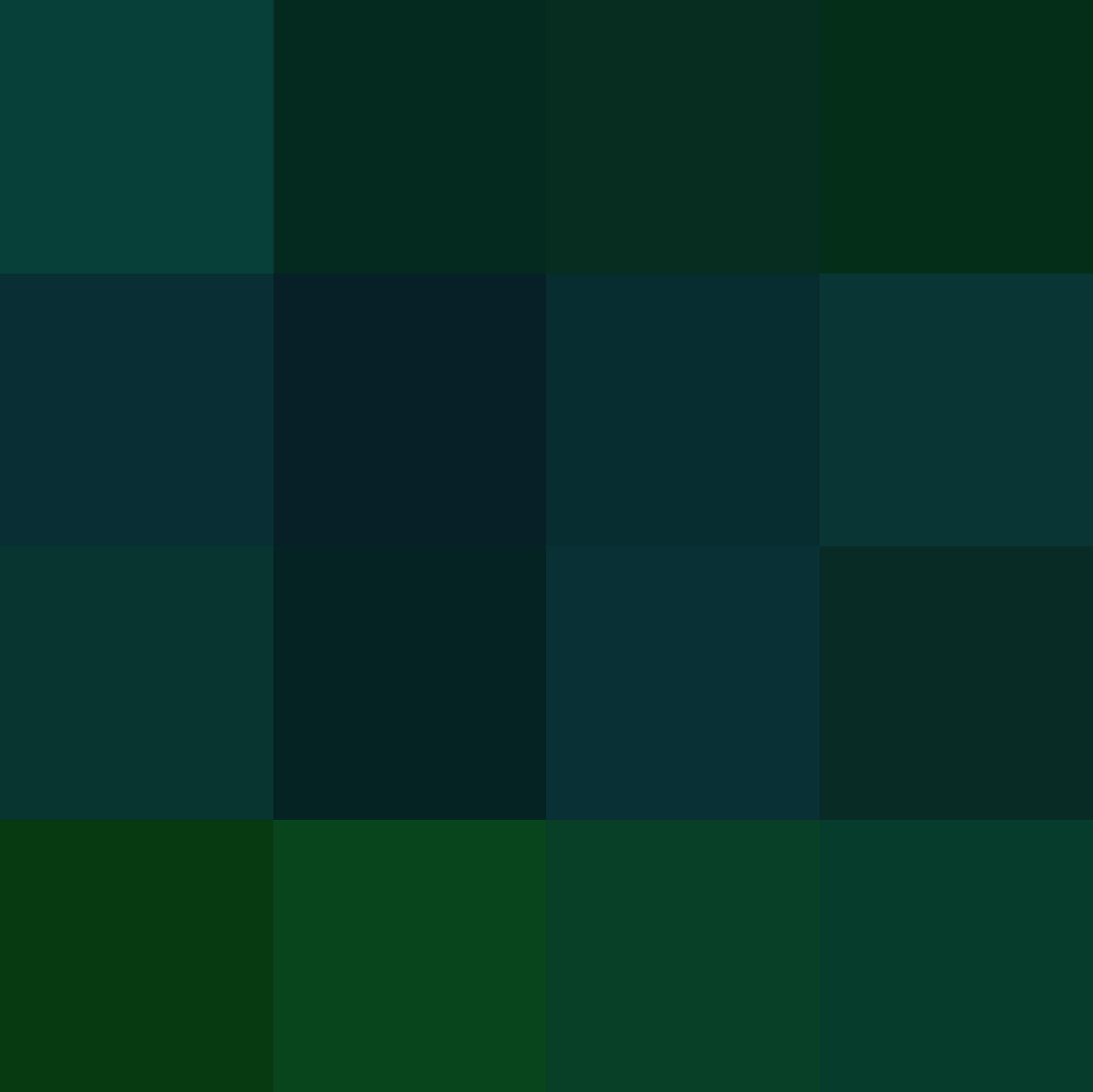
A grid of 25 blocks. It's mostly green, but it also has quite some yellow, some lime, and a little bit of orange in it.
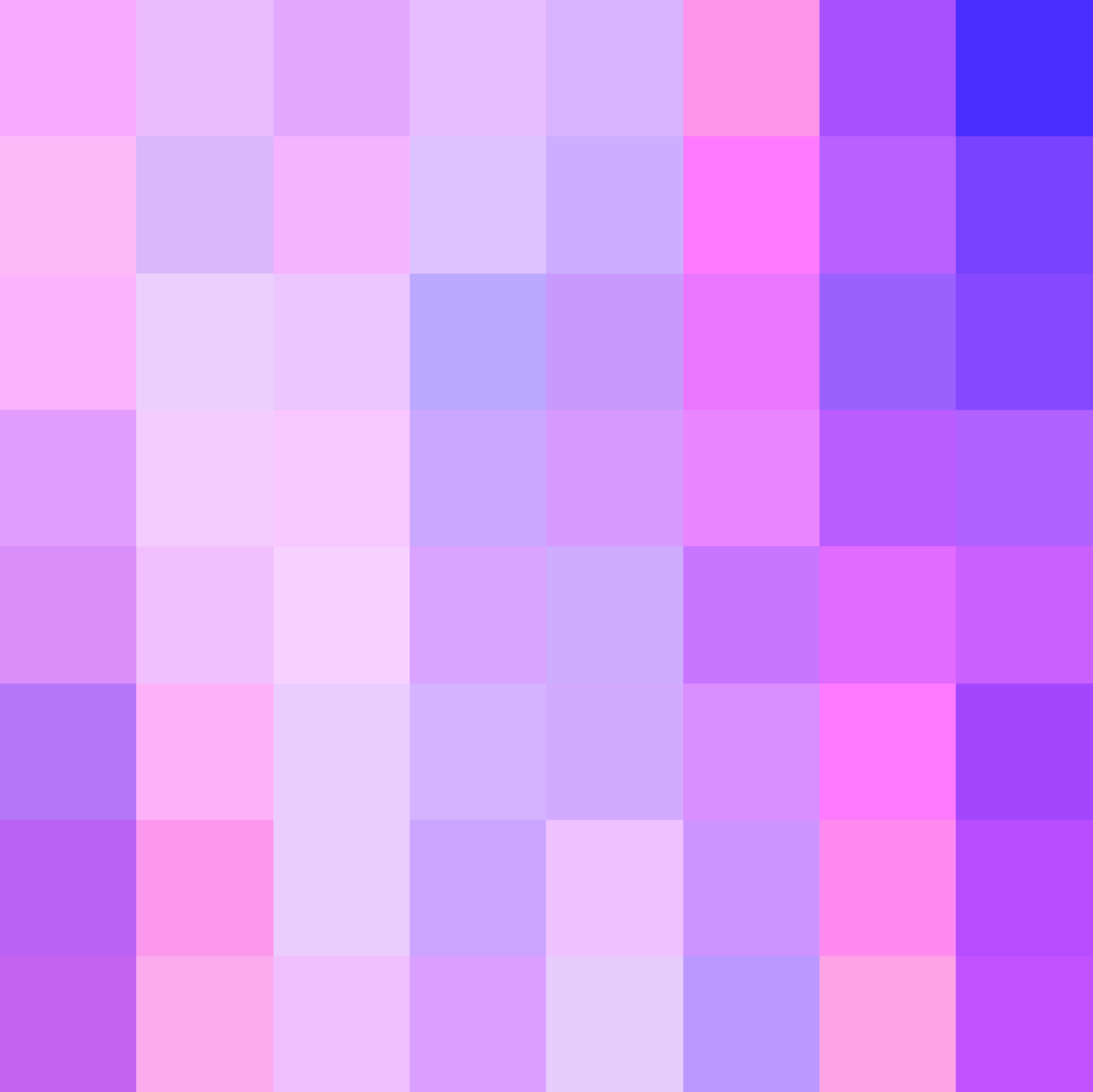
A 7 by 7 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has quite some yellow, quite some lime, some orange, and a tiny bit of red in it.

This two tone gradient, generated in this 6 by 6 pixel grid, is mostly green, but it also has some cyan in it.
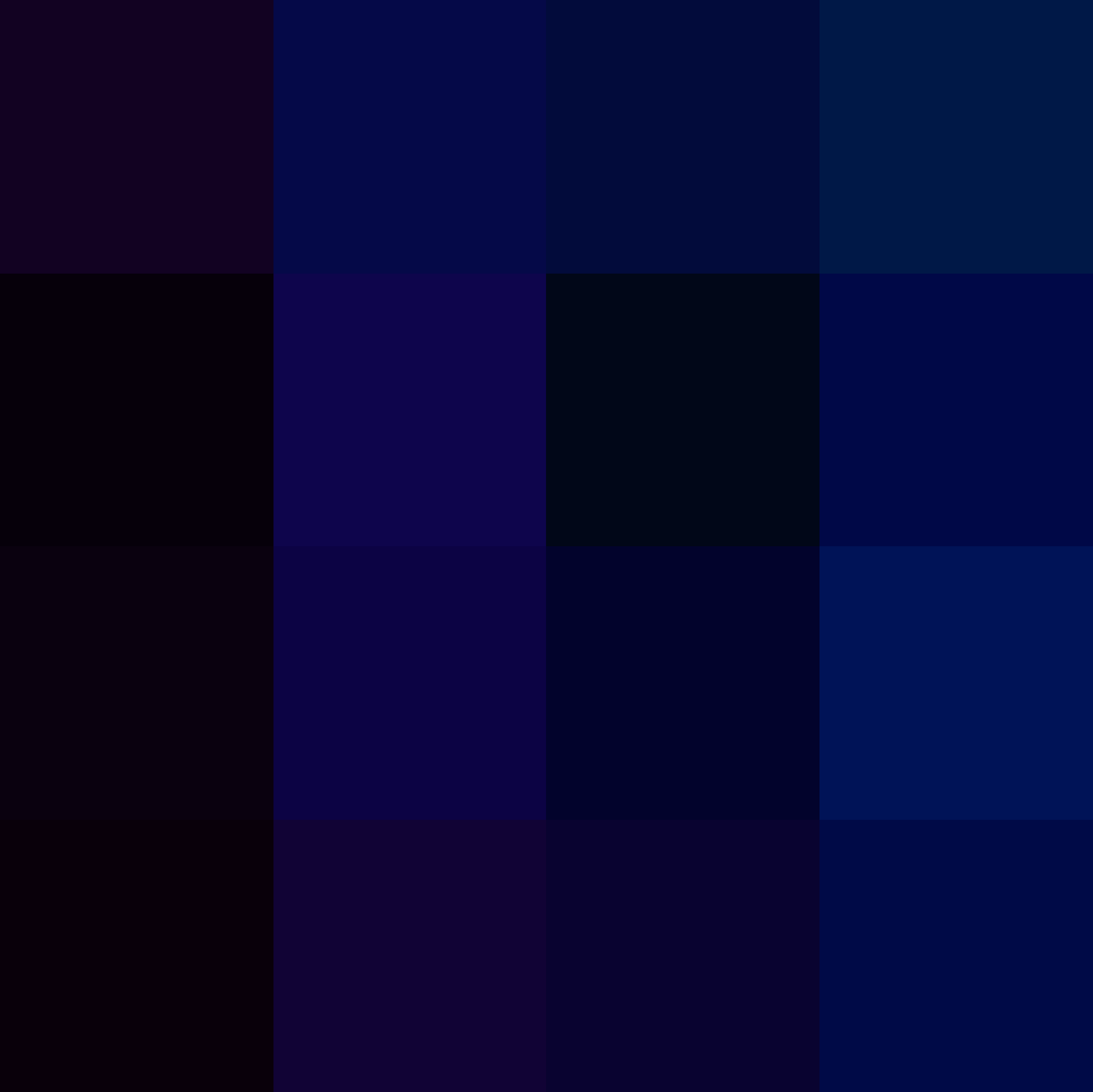
This gradient, generated in this 4 by 4 pixel grid, is mostly cyan, but it also has quite some green, and a little bit of blue in it.

Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly purple, but it also has quite some violet, quite some magenta, and a bit of indigo in it.
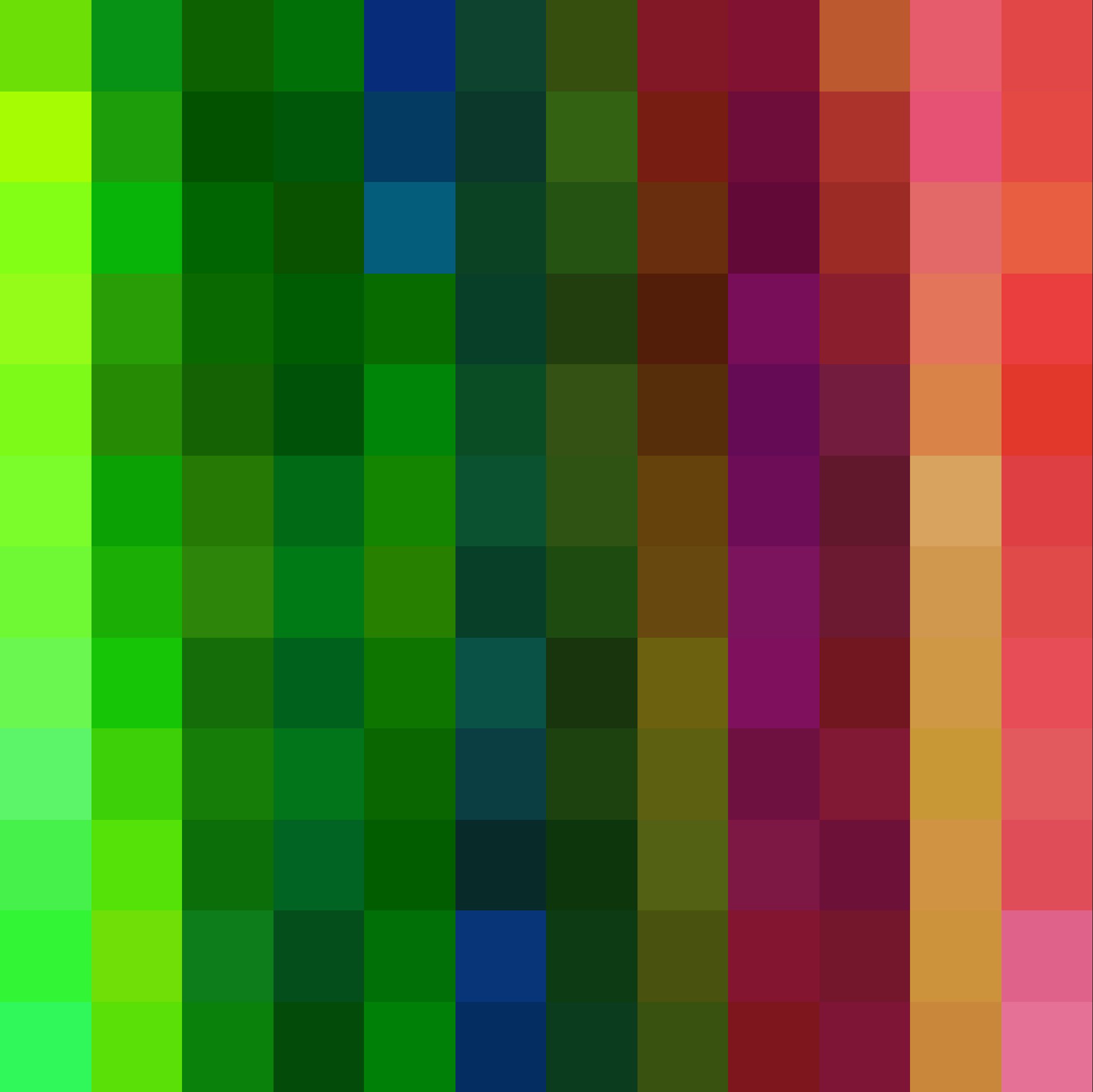
The colourful gradient in this 12 by 12 pixel grid is mostly red, but it also has some yellow, some green, some orange, and a tiny bit of lime in it.

The cells in this 4 by 4 pixel grid form a colourful gradient. It is mostly blue, but it also has quite some indigo, some purple, a little bit of magenta, and a little bit of violet in it.
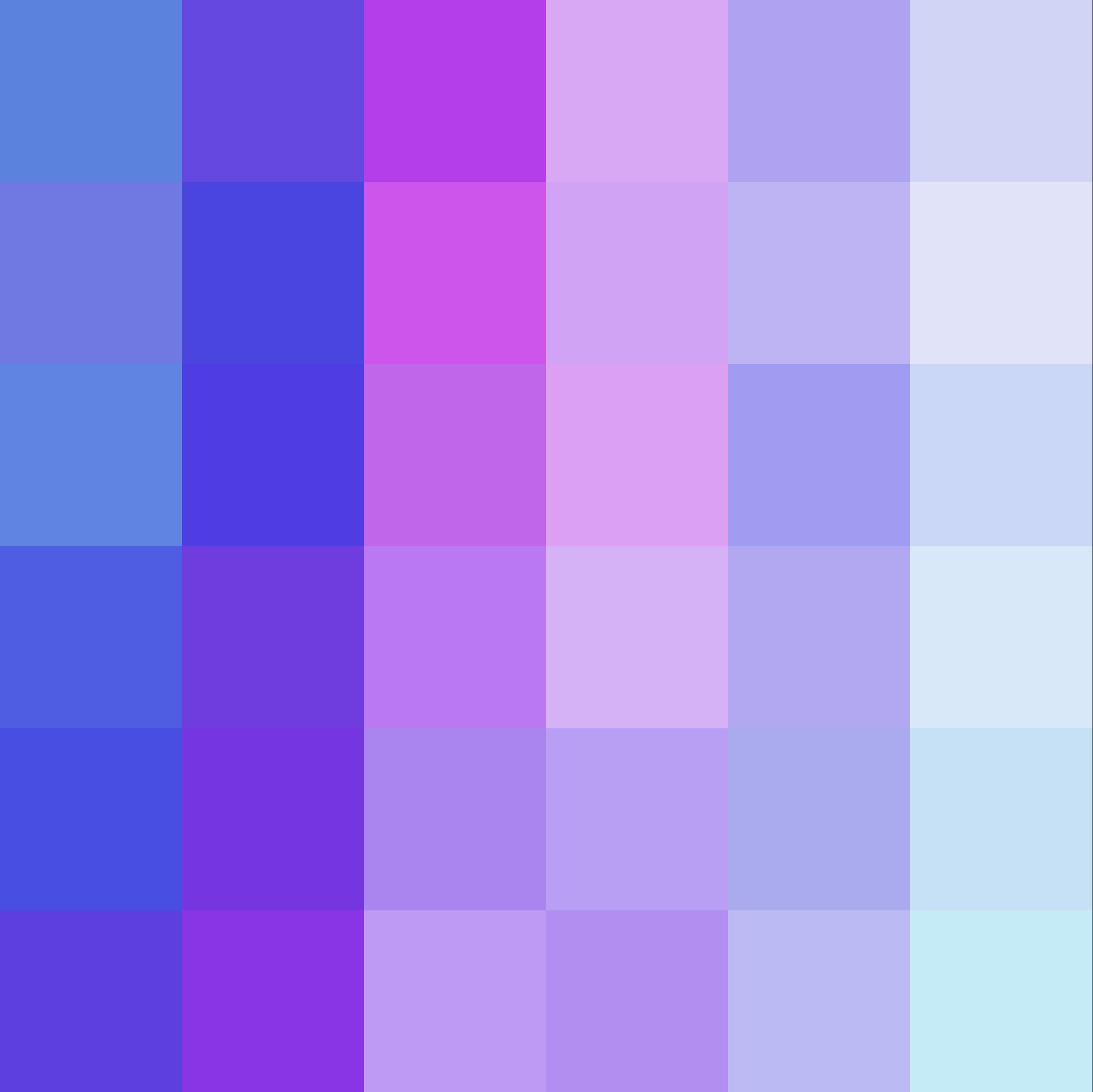
A 6 by 6 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly blue, and it also has quite some indigo, some purple, some violet, and a little bit of cyan in it.

This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has quite some red, a bit of orange, a little bit of blue, a tiny bit of cyan, a tiny bit of yellow, and a tiny bit of lime in it.
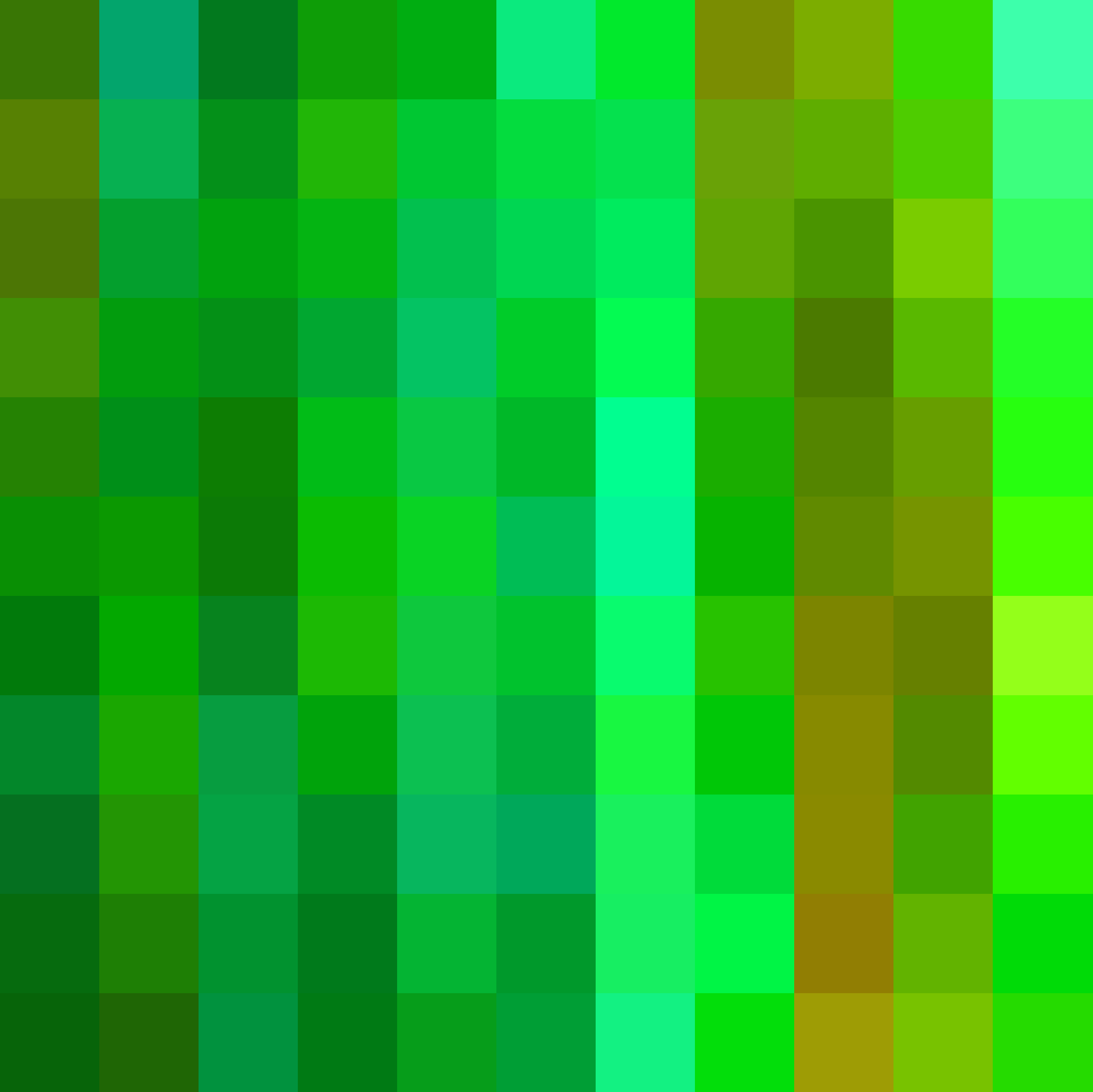
The gradient in this 11 by 11 pixel grid is mostly green, and it also has a little bit of yellow, and a little bit of lime in it.
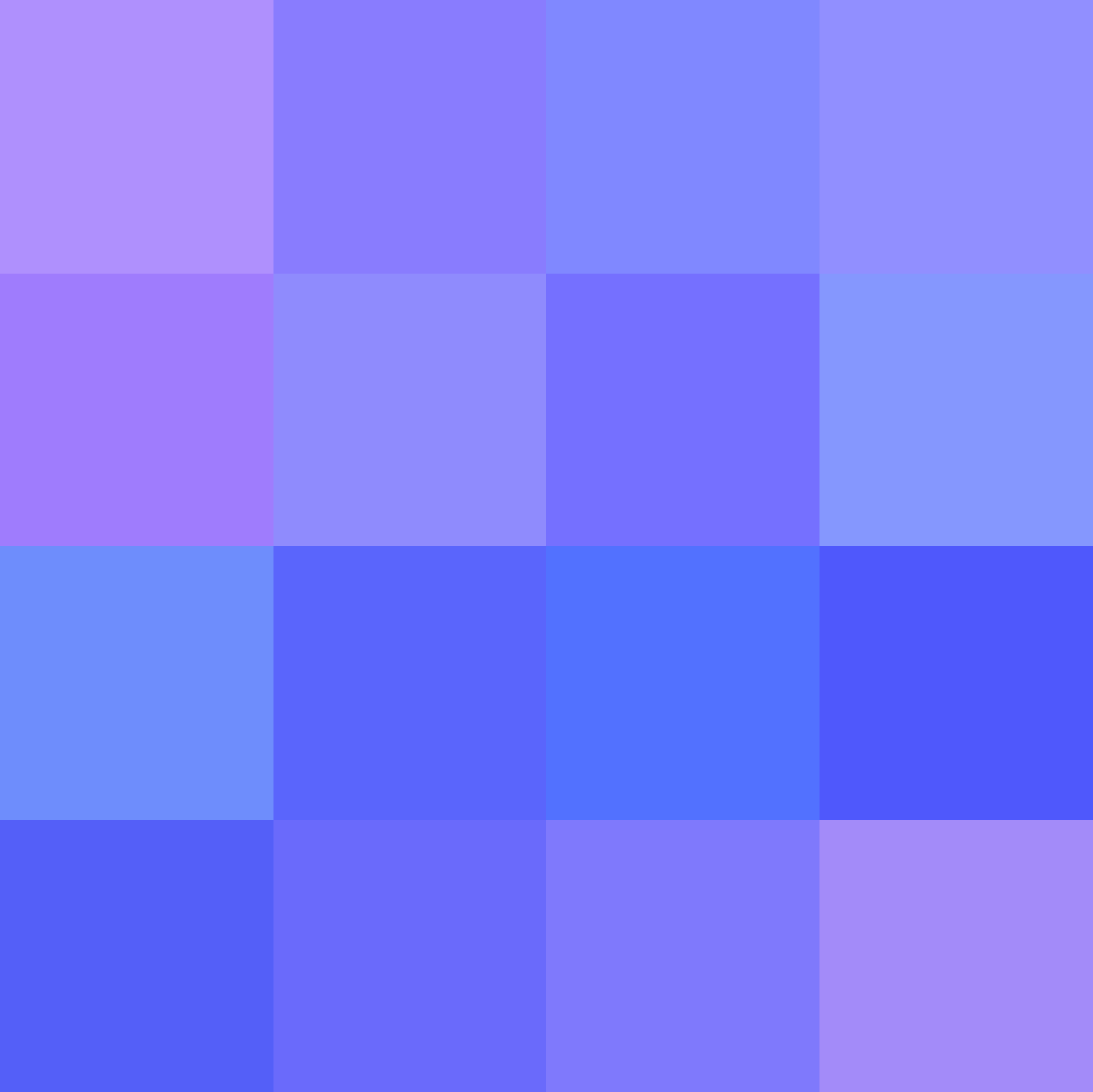
A two tone grid of 16 blocks. It's mostly indigo, but it also has a lot of blue in it.
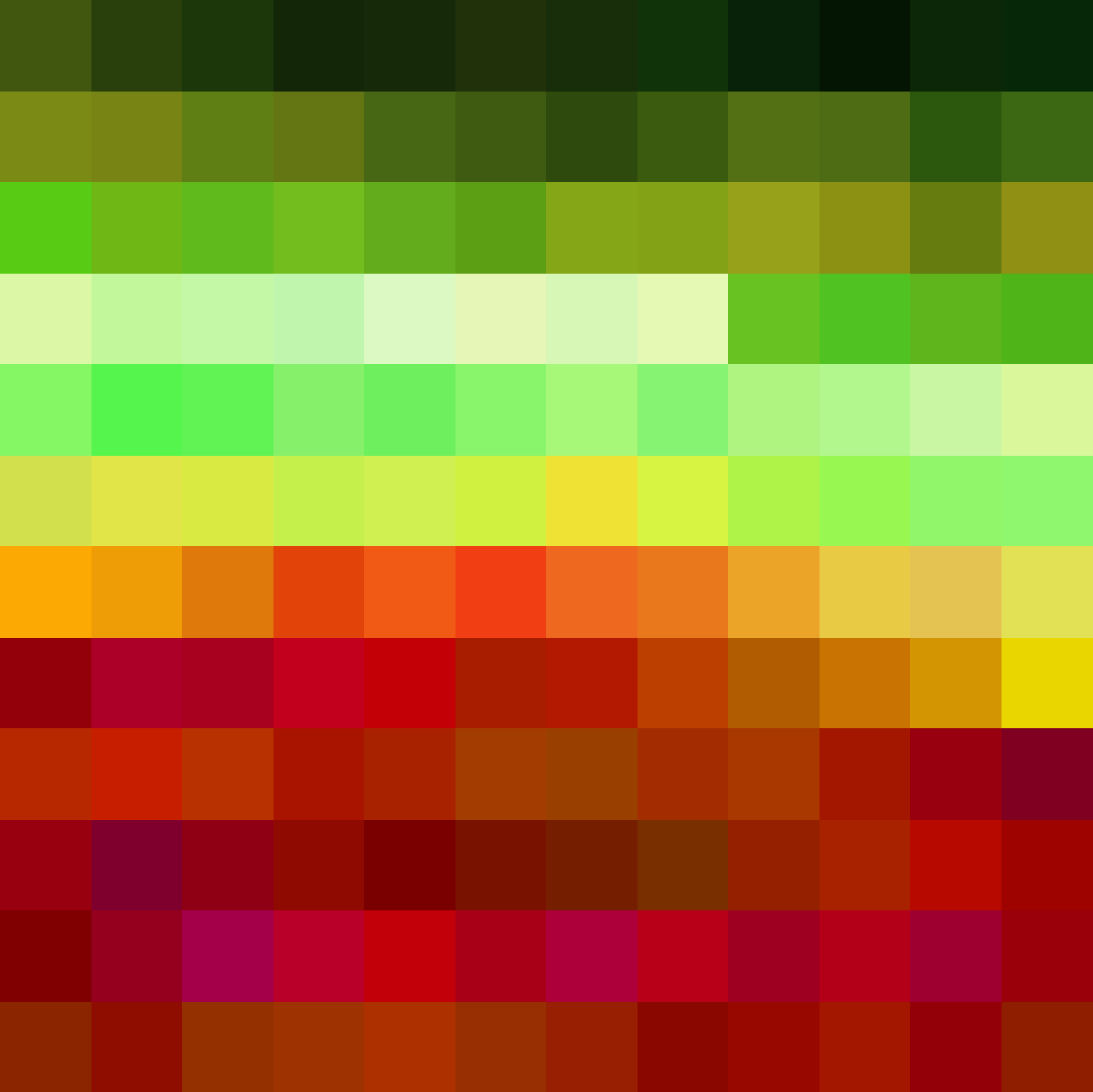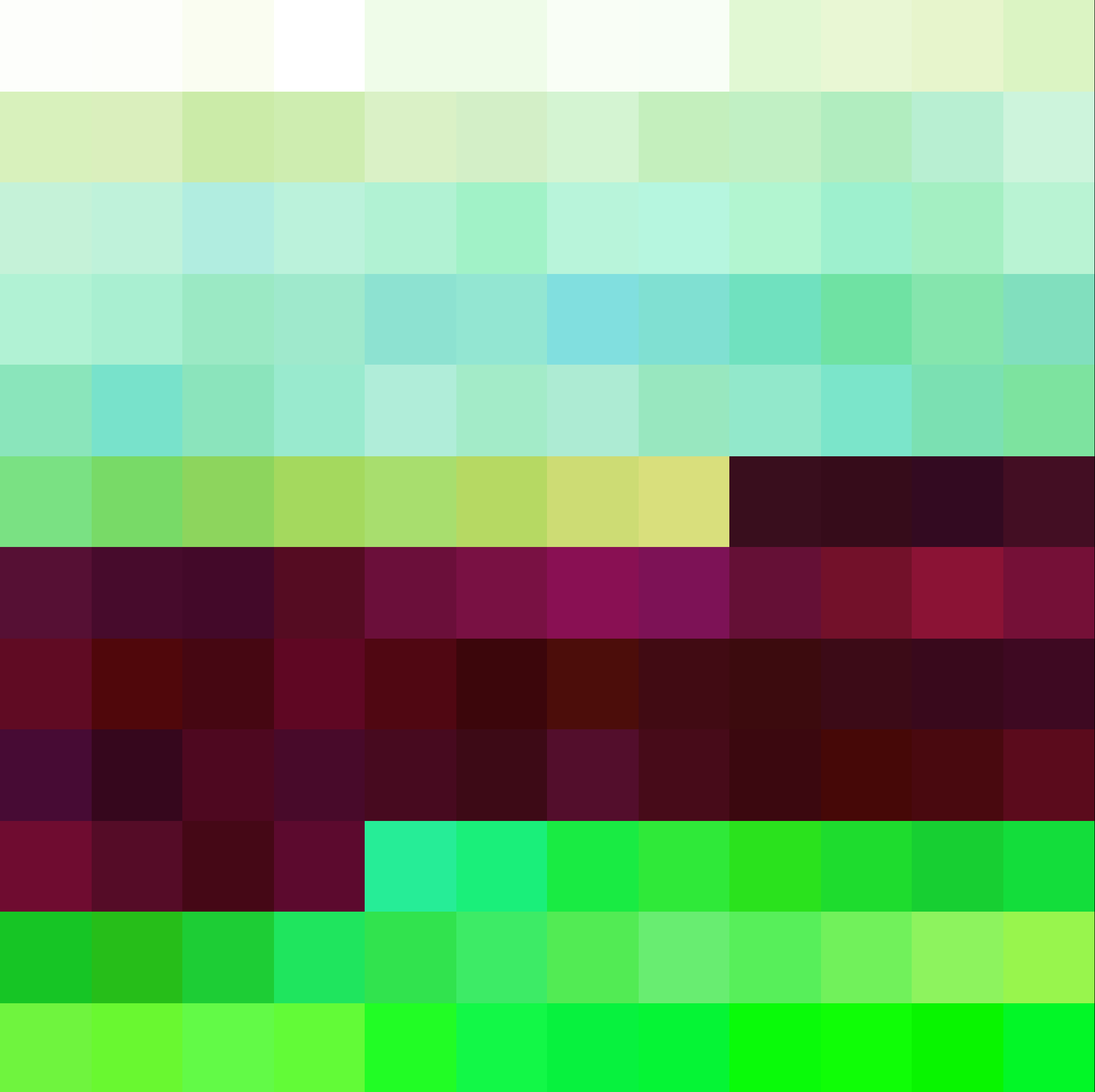
The colourful gradient in this 12 by 12 pixel grid is mostly green, and it also has quite some red, some orange, a bit of yellow, and a bit of lime in it.

Here's a 12 by 12 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some rose, some red, a little bit of cyan, a little bit of lime, a tiny bit of yellow, and a tiny bit of magenta in it.
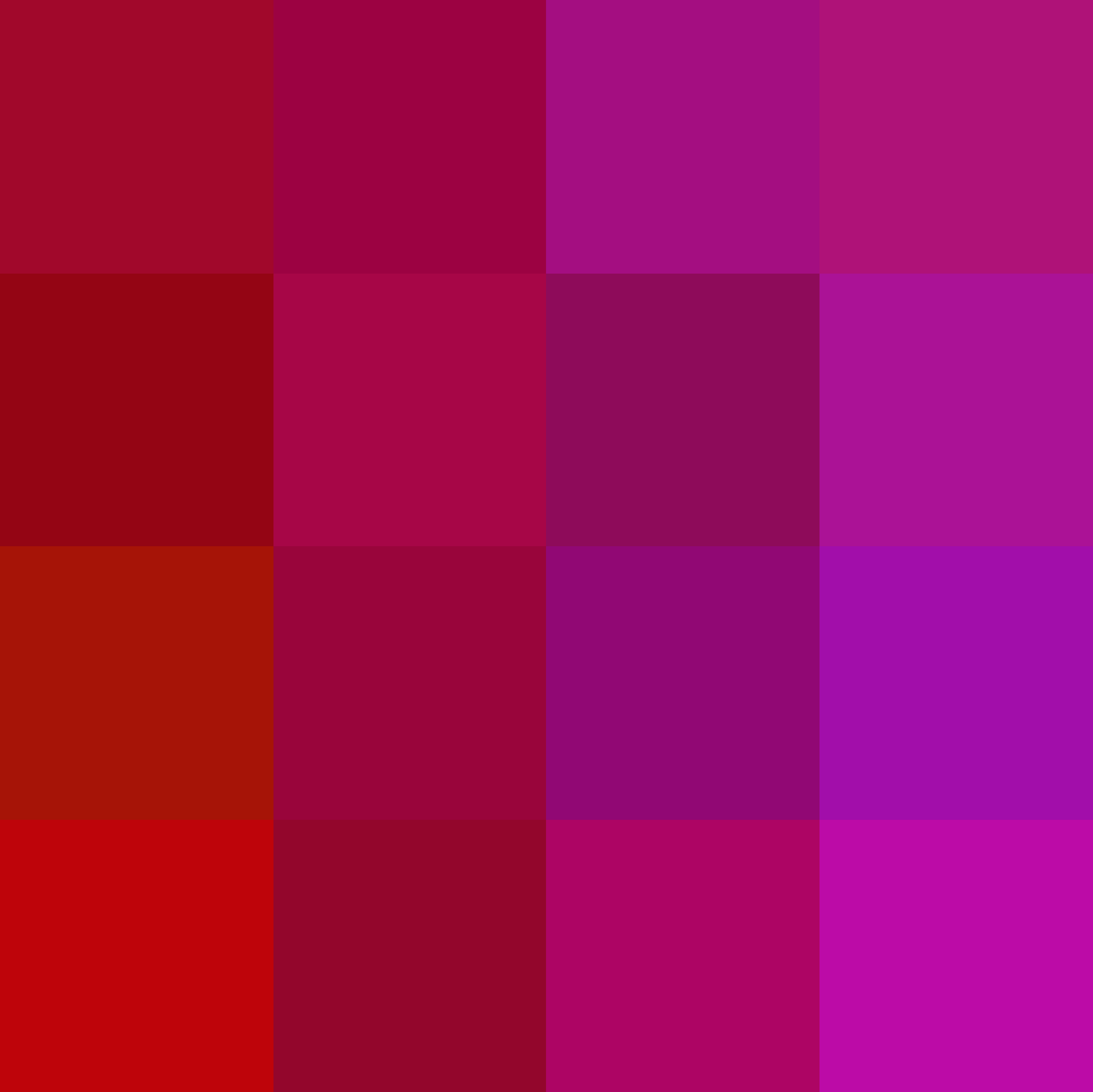
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some red, and quite some rose in it.

A grid of 25 blocks. It's mostly green, but it also has a bit of yellow, and a little bit of lime in it.

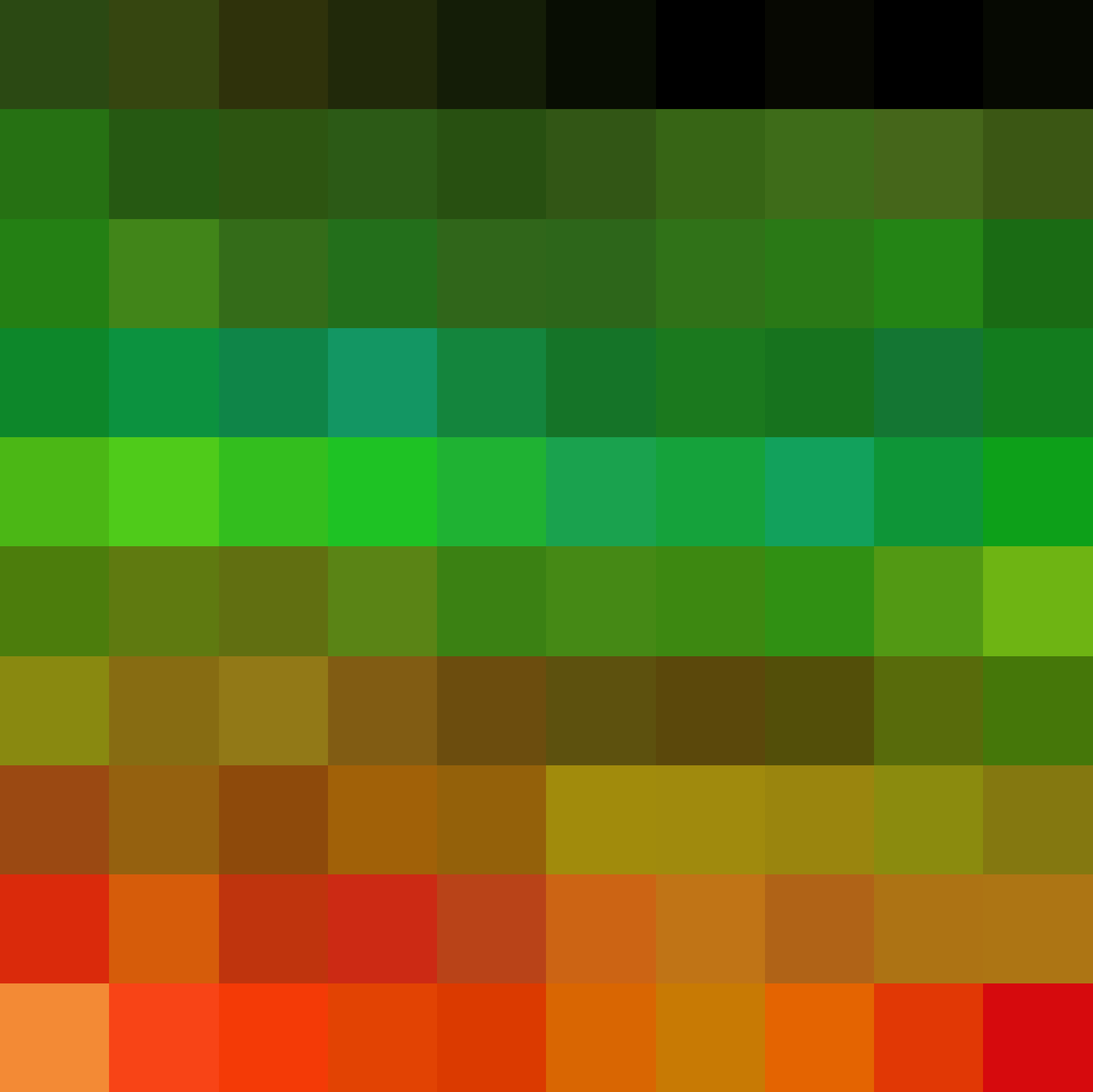Here's a 10 by 10 pixelated grid that forms a colourful gradient. It is mostly green, and it also has quite some orange, some yellow, a bit of red, and a little bit of lime in it.
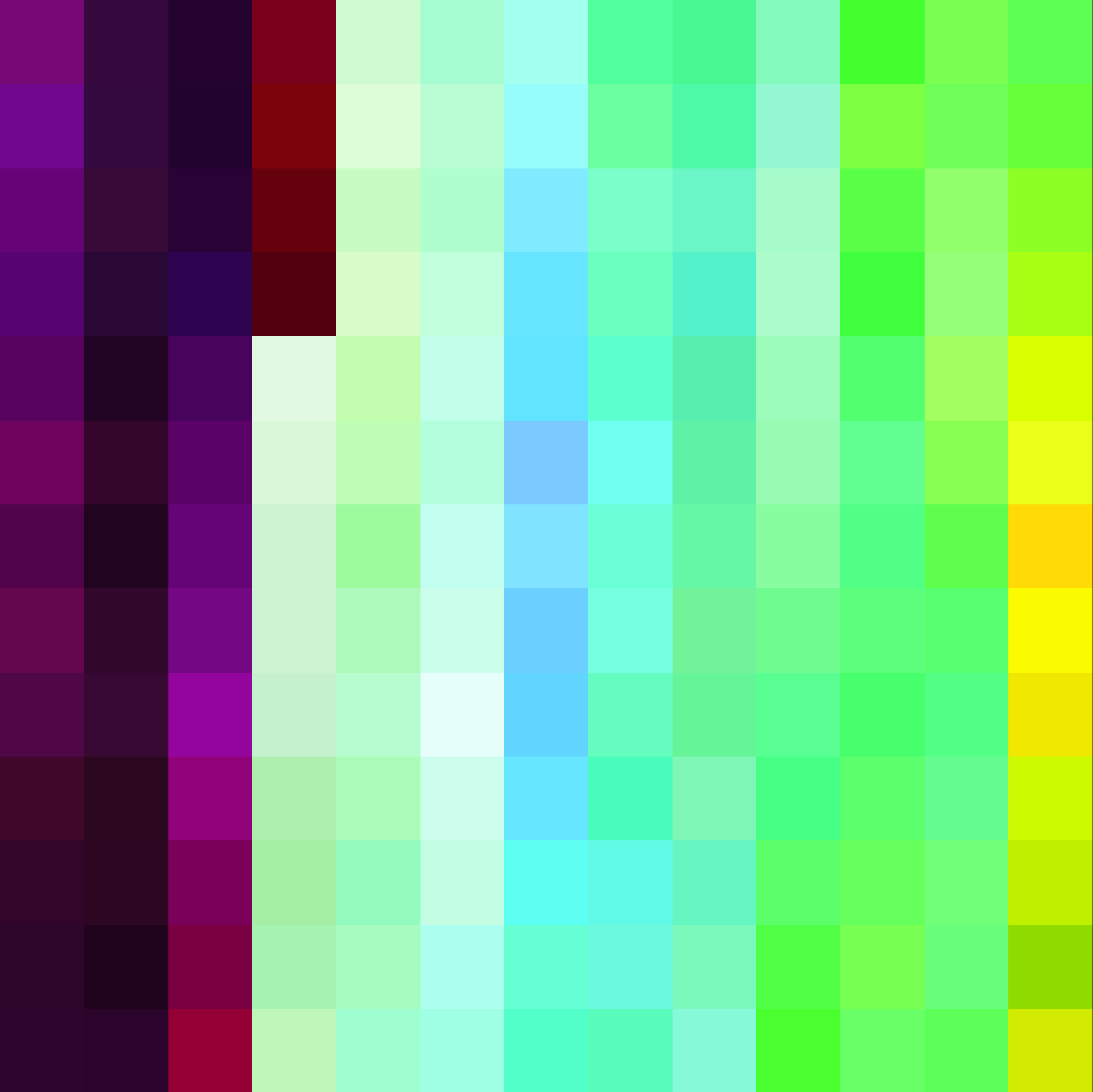
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has some magenta, some cyan, a bit of purple, a little bit of yellow, a tiny bit of red, a tiny bit of blue, a tiny bit of rose, and a tiny bit of lime in it.
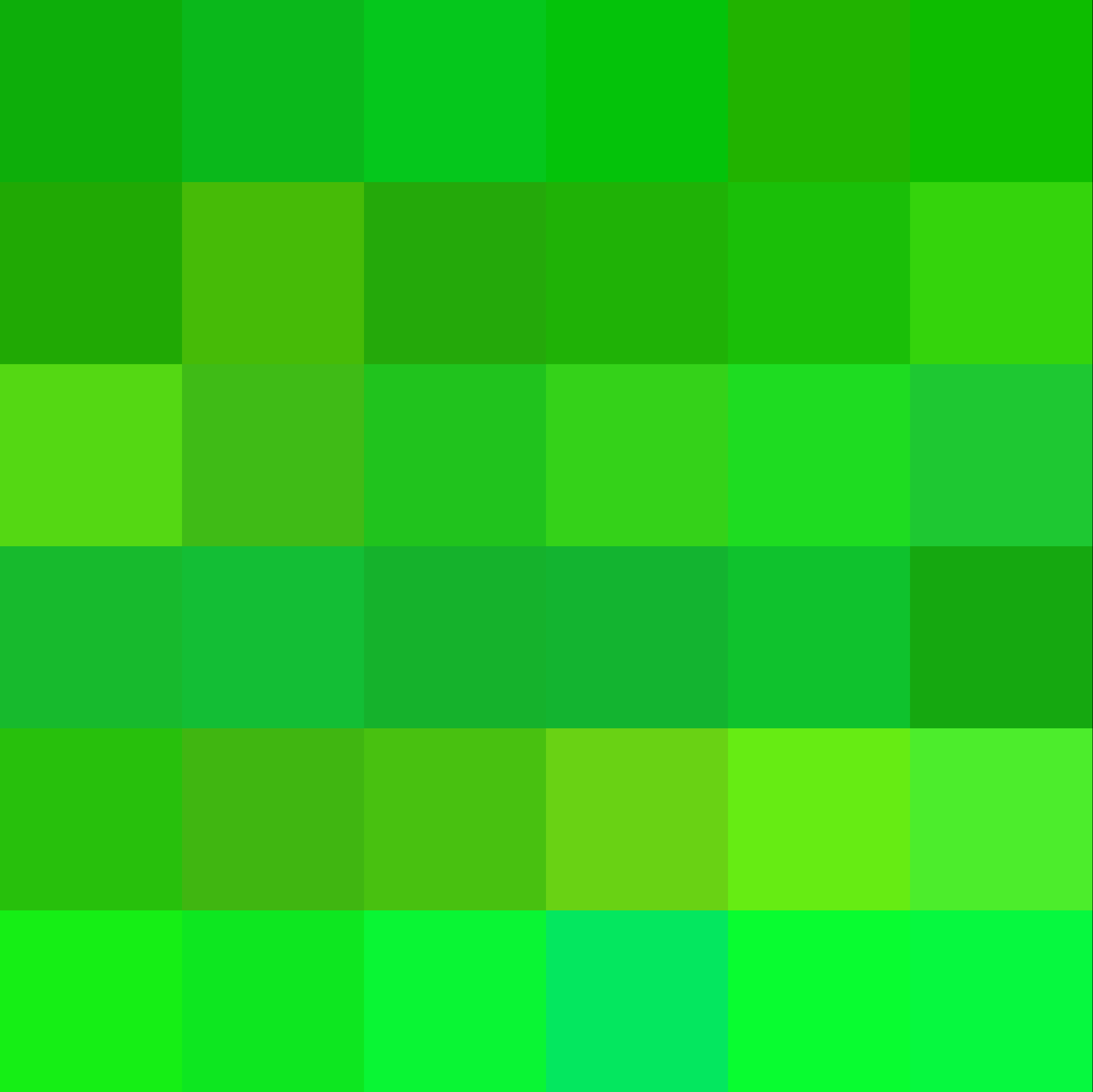
This monochrome gradient, generated in this 6 by 6 pixel grid, is green.
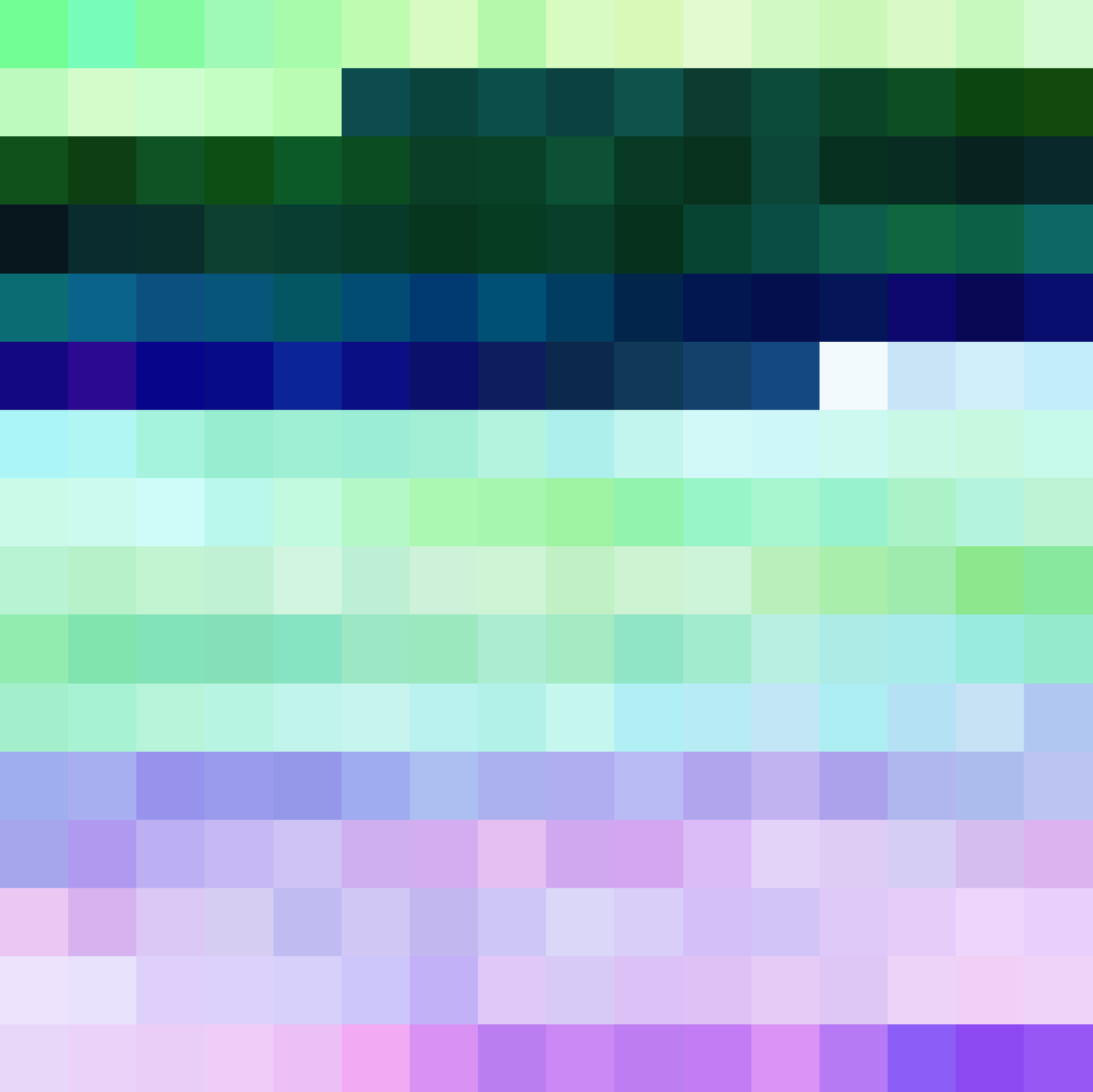
This very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, but it also has some blue, some cyan, some indigo, a bit of purple, a little bit of violet, and a tiny bit of magenta in it.
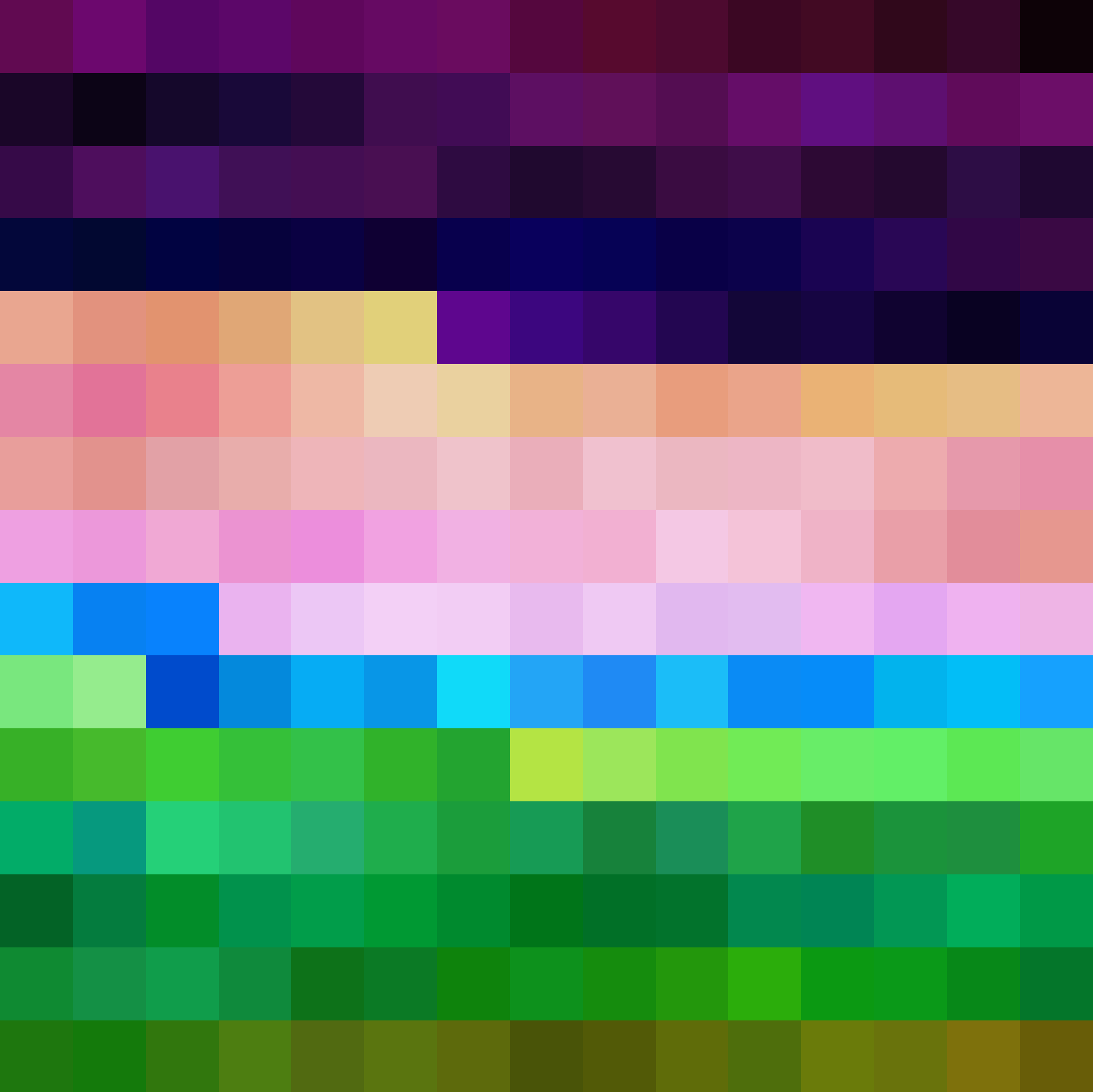
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has quite some red, a bit of purple, a bit of blue, a bit of magenta, a bit of indigo, a little bit of orange, a little bit of yellow, a little bit of rose, a little bit of violet, a tiny bit of lime, and a tiny bit of cyan in it.
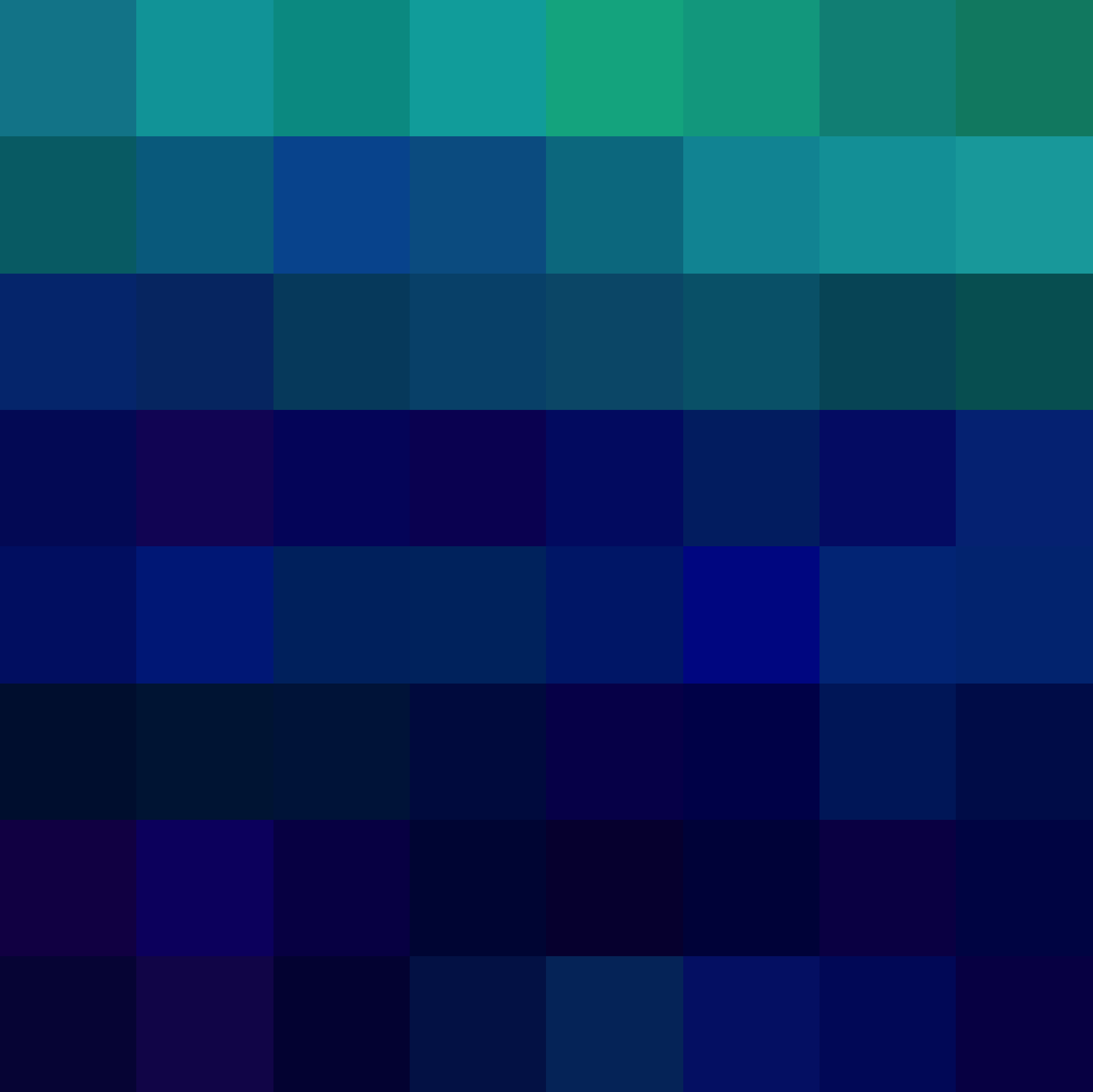
A grid of 64 blocks. It's mostly blue, but it also has quite some cyan, and some indigo in it.
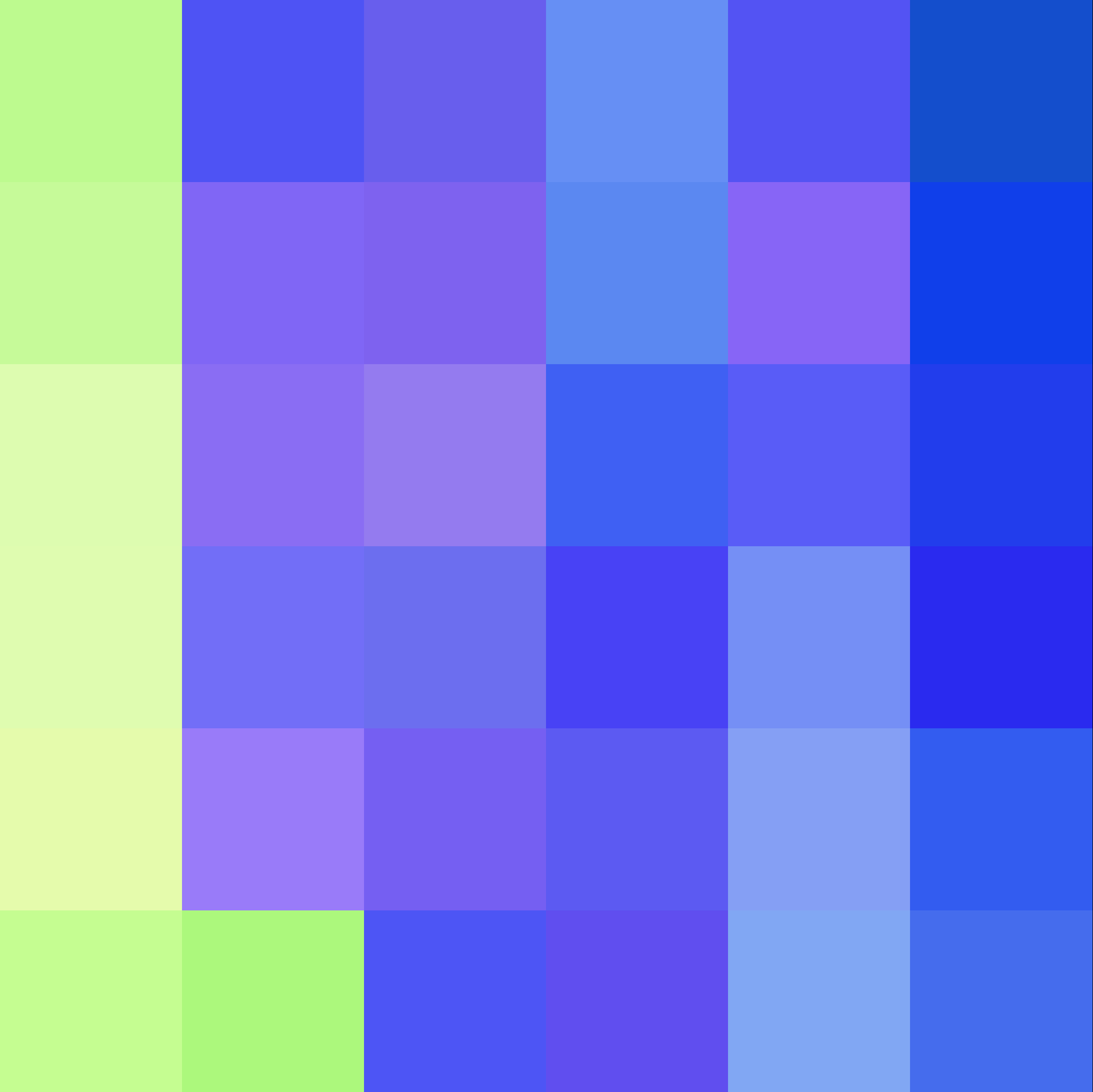
This gradient, generated in this 6 by 6 pixel grid, is mostly blue, but it also has quite some indigo, some green, and a little bit of lime in it.
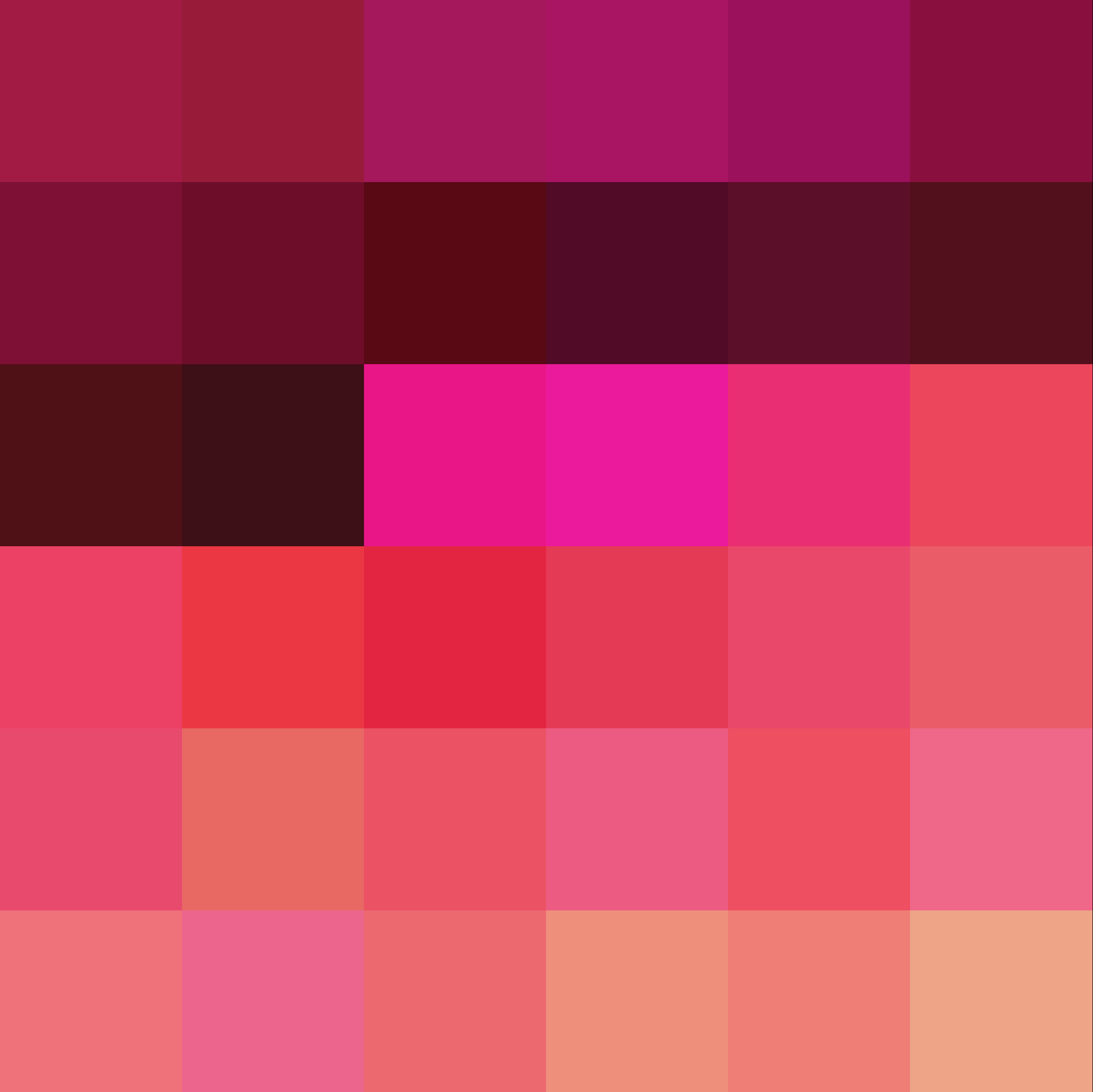
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some rose, a little bit of magenta, and a little bit of orange in it.
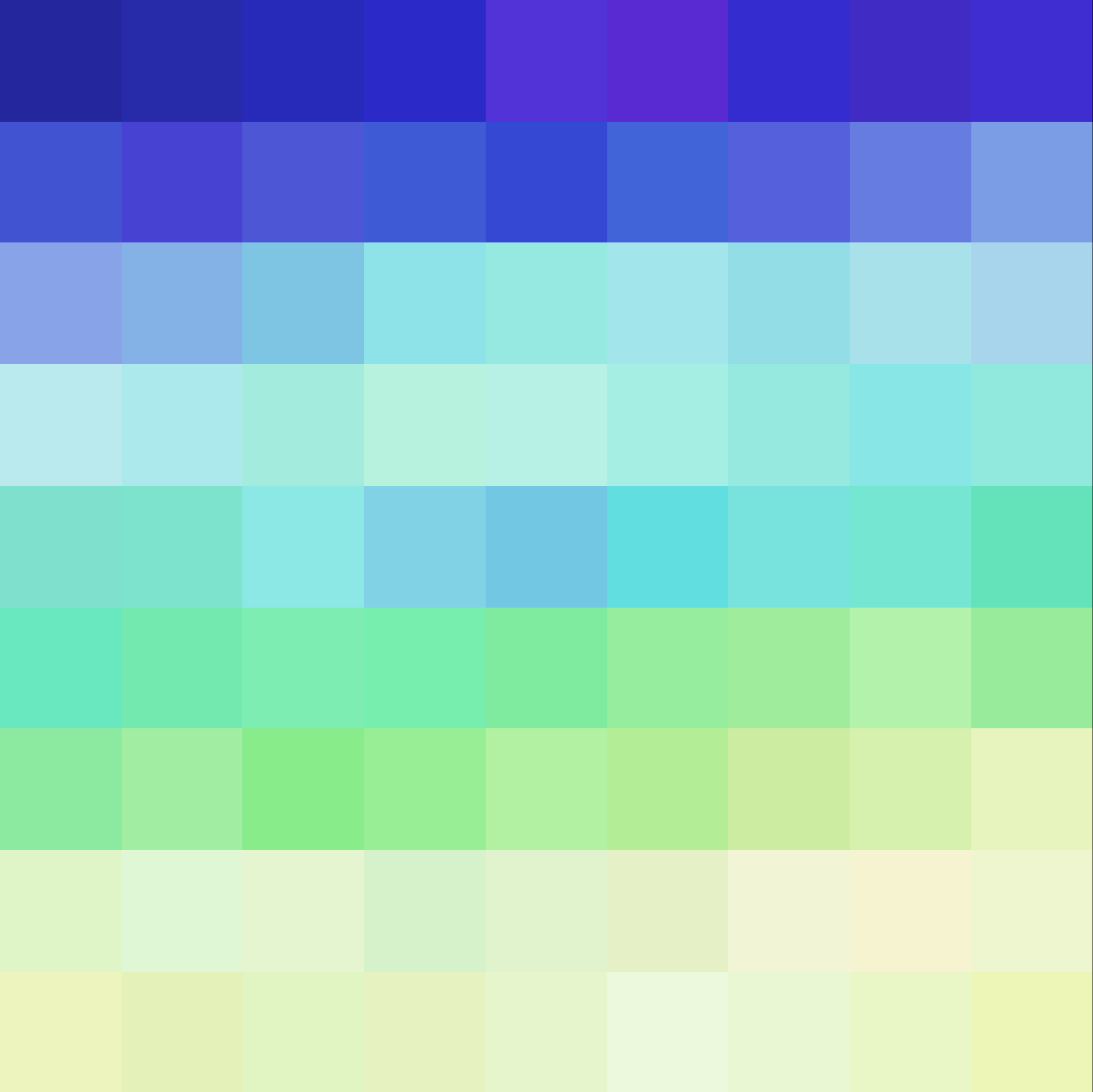
A grid with 81 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, quite some blue, a bit of indigo, a bit of lime, and a little bit of yellow in it.
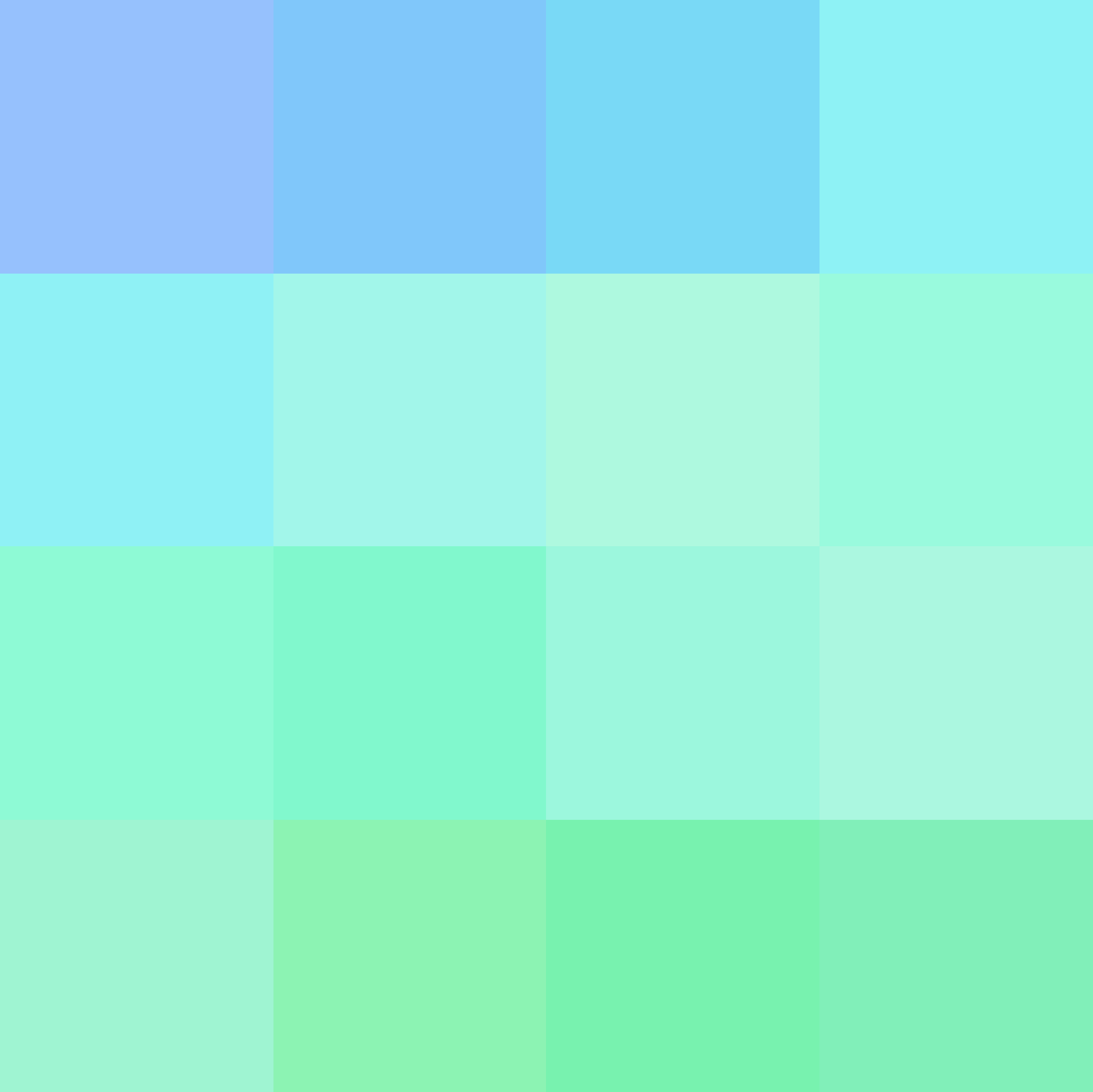
The gradient in this 4 by 4 pixel grid is mostly green, and it also has some blue, and some cyan in it.

The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly magenta, and it also has some red, some orange, some purple, a bit of yellow, a little bit of rose, a little bit of green, a little bit of lime, a tiny bit of violet, and a tiny bit of indigo in it.

The cells in this 10 by 10 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some red, some indigo, some purple, a bit of violet, a little bit of magenta, a tiny bit of cyan, and a tiny bit of orange in it.
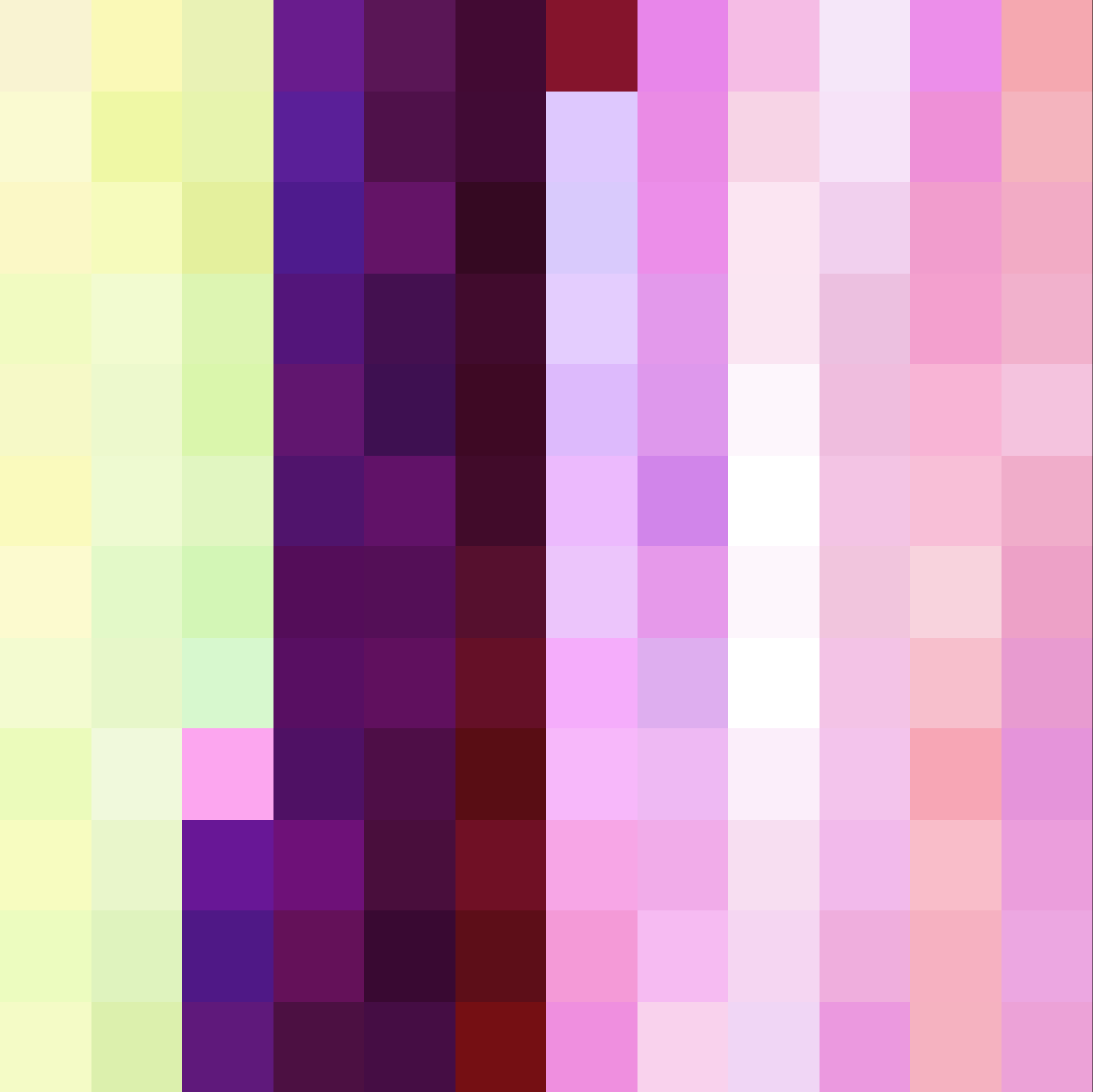
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly magenta, and it also has some purple, a bit of yellow, a bit of rose, a bit of red, a bit of lime, a little bit of green, a little bit of violet, and a tiny bit of indigo in it.
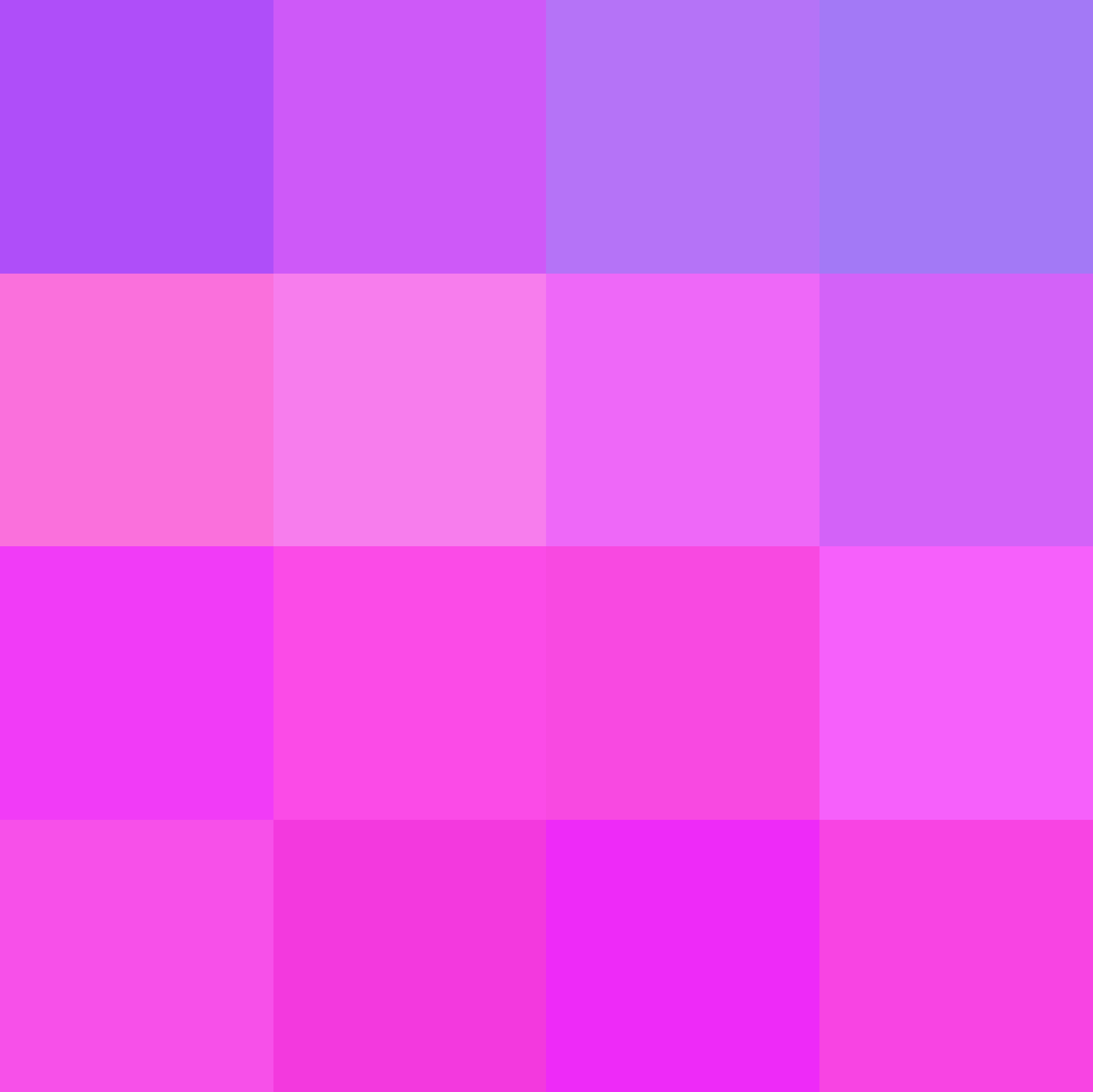
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly magenta, and it also has some purple, a little bit of indigo, and a little bit of violet in it.
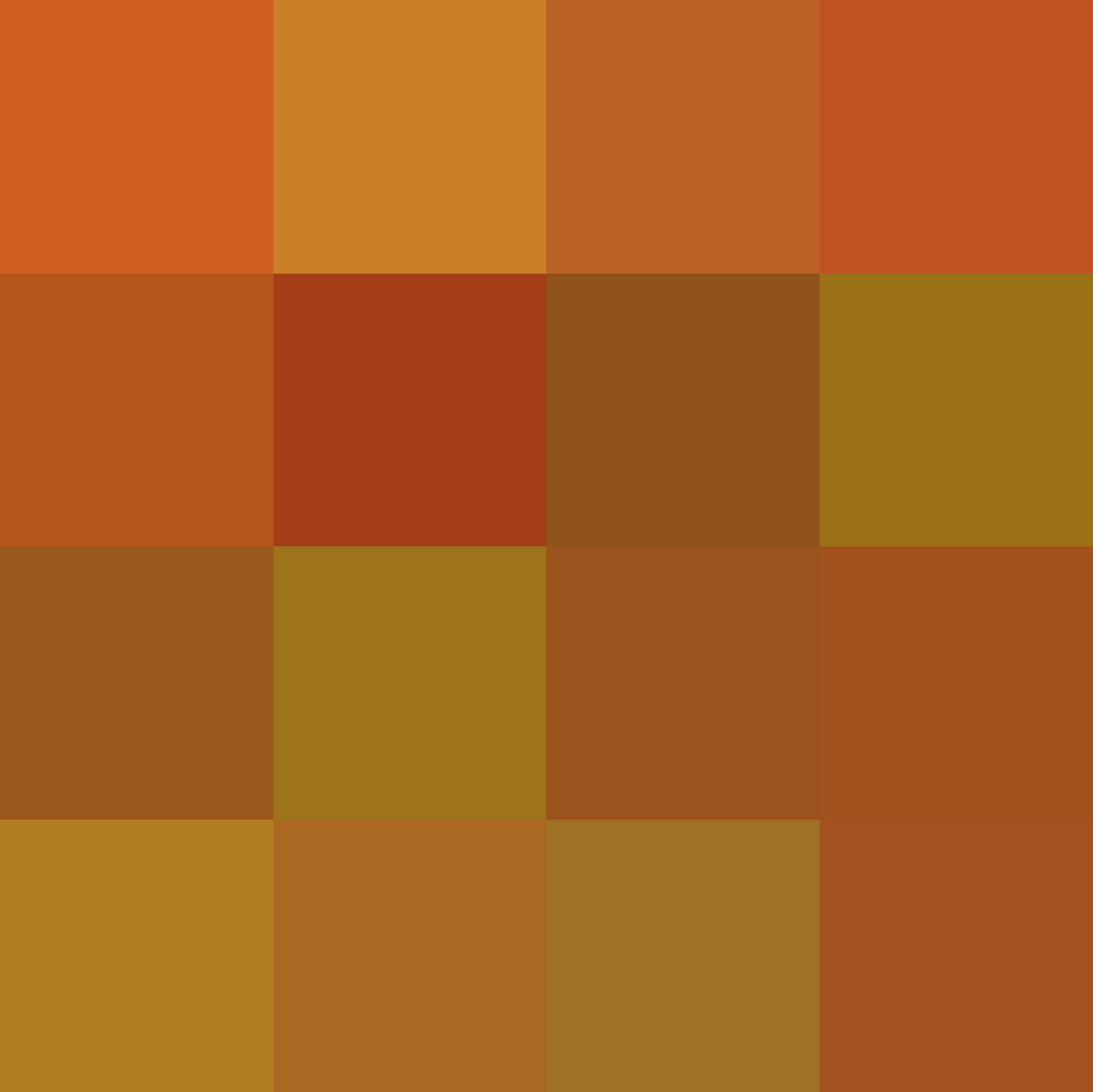
There's a monochrome pixel gradient in this 4 by 4 grid. It is orange.
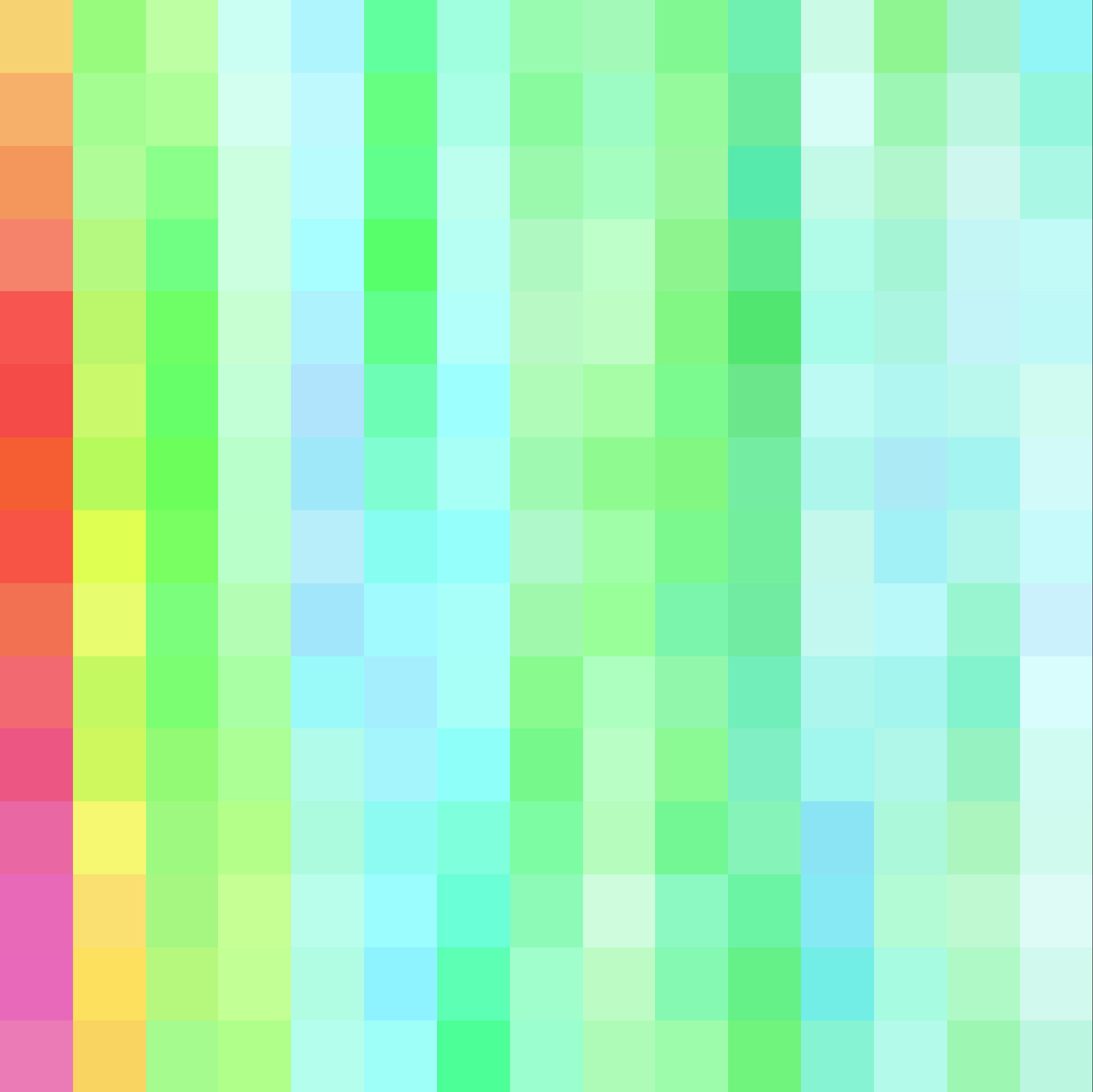
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, a little bit of red, a tiny bit of orange, a tiny bit of yellow, a tiny bit of rose, a tiny bit of magenta, a tiny bit of lime, and a tiny bit of blue in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly orange, and it also has quite some green, quite some yellow, and a tiny bit of red in it.
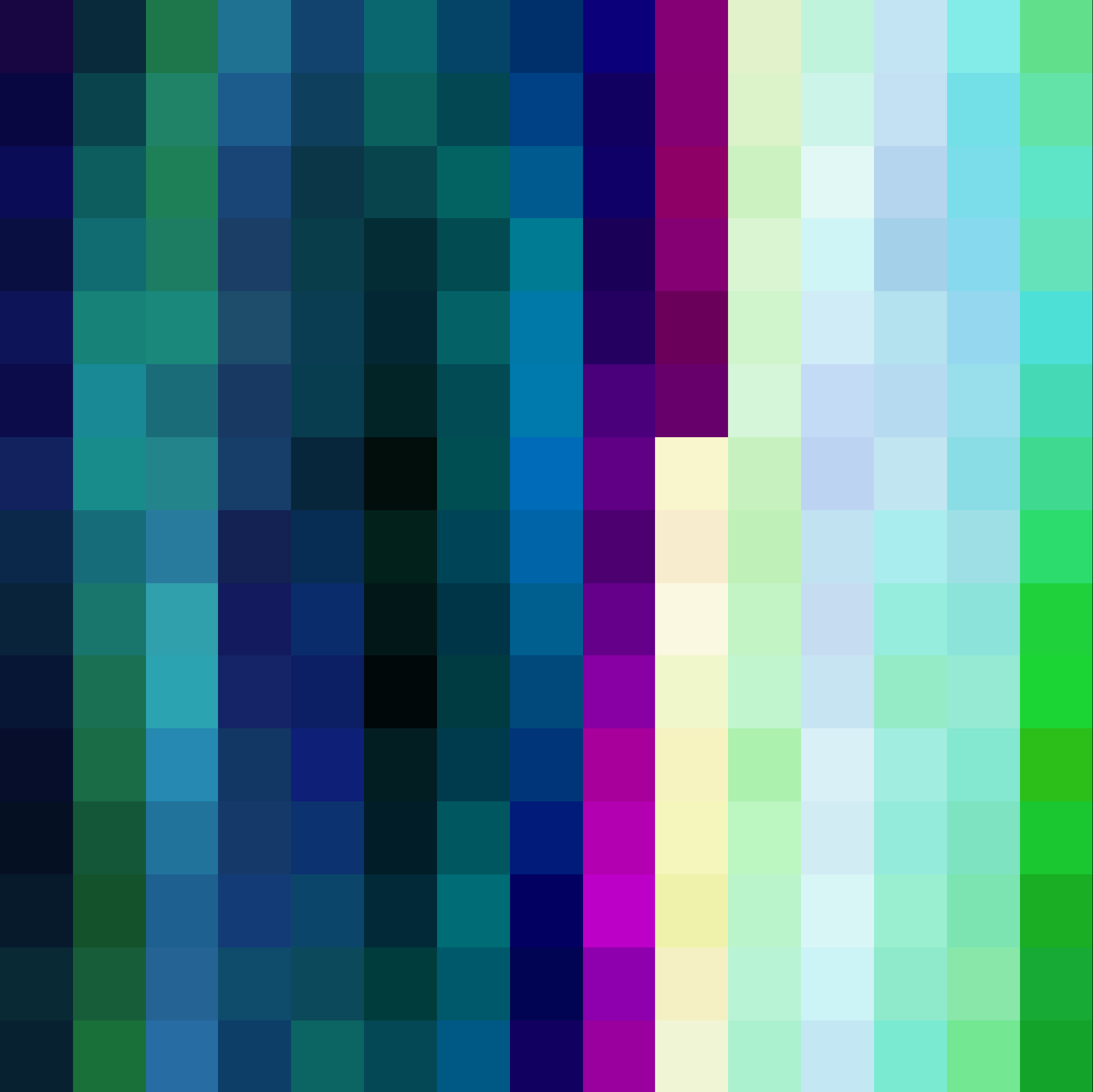
A very, very colourful grid of 225 blocks. It's mostly blue, but it also has quite some cyan, quite some green, a little bit of magenta, a little bit of indigo, a little bit of yellow, a little bit of purple, a tiny bit of violet, a tiny bit of orange, and a tiny bit of lime in it.

Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly green, and it also has a bit of red, a bit of lime, a little bit of yellow, and a little bit of orange in it.
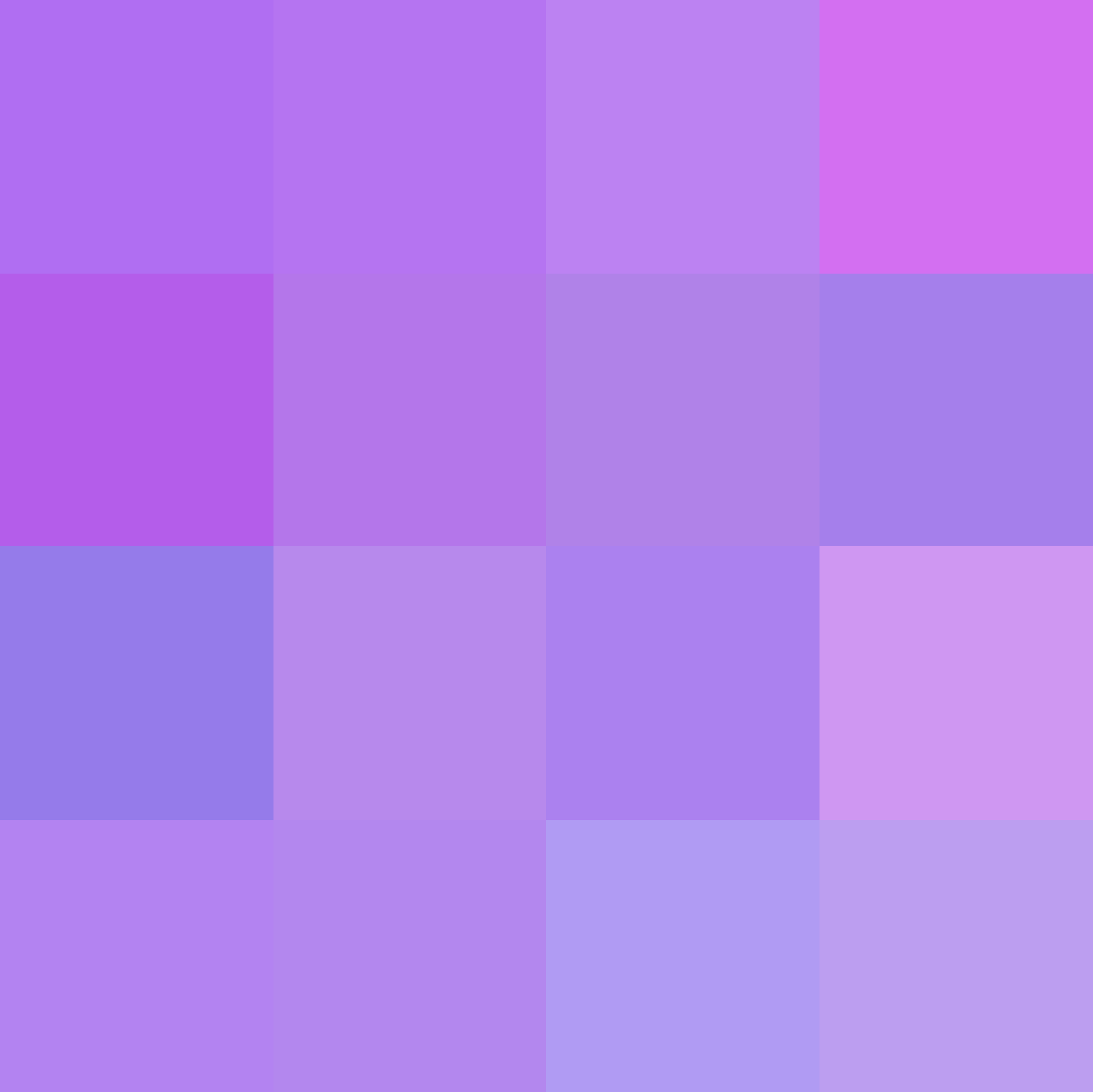
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly violet, but it also has quite some purple, and some indigo in it.

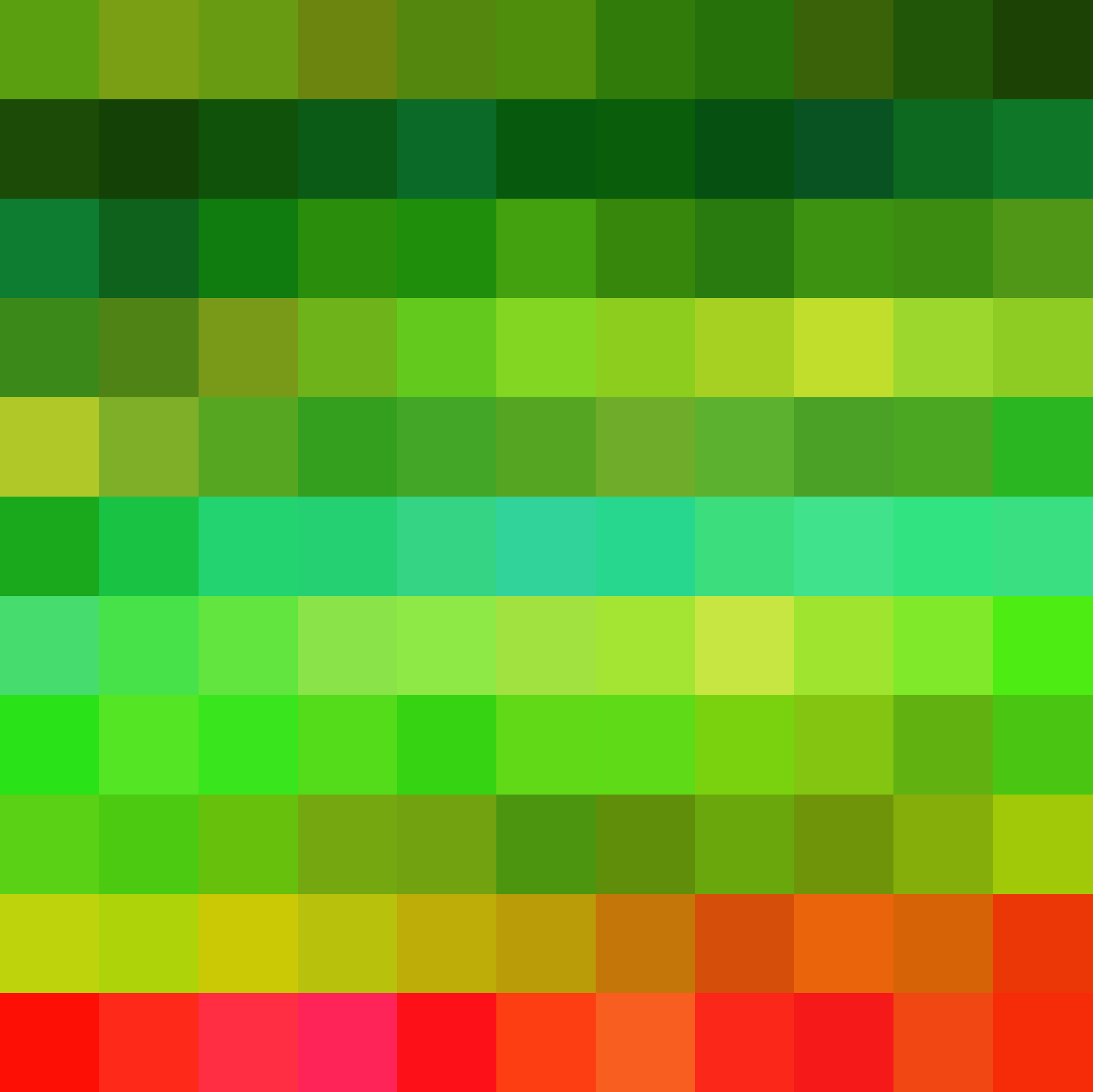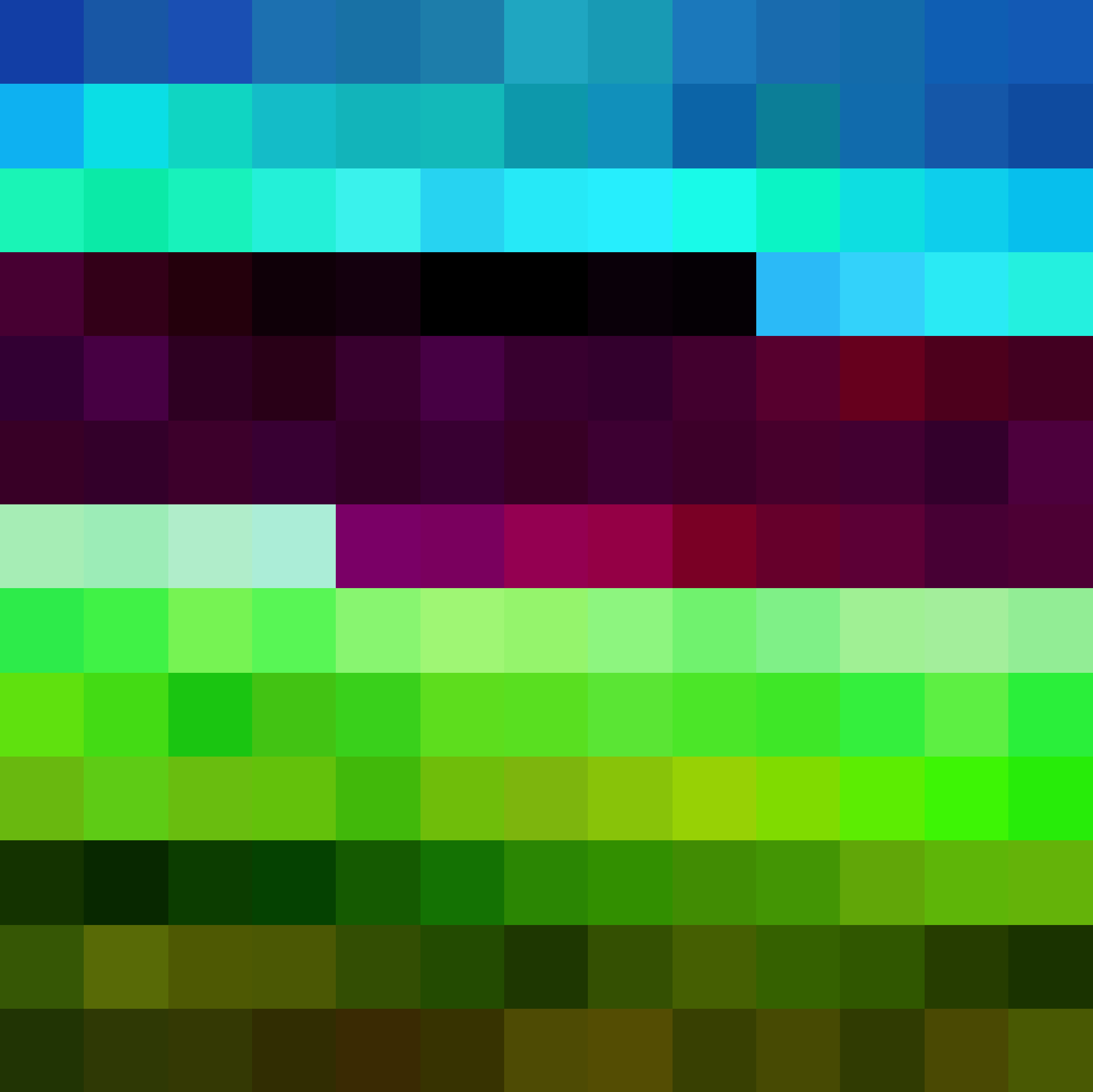There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly green, and it also has quite some magenta, some cyan, some blue, a bit of rose, a little bit of yellow, a little bit of lime, and a tiny bit of orange in it.
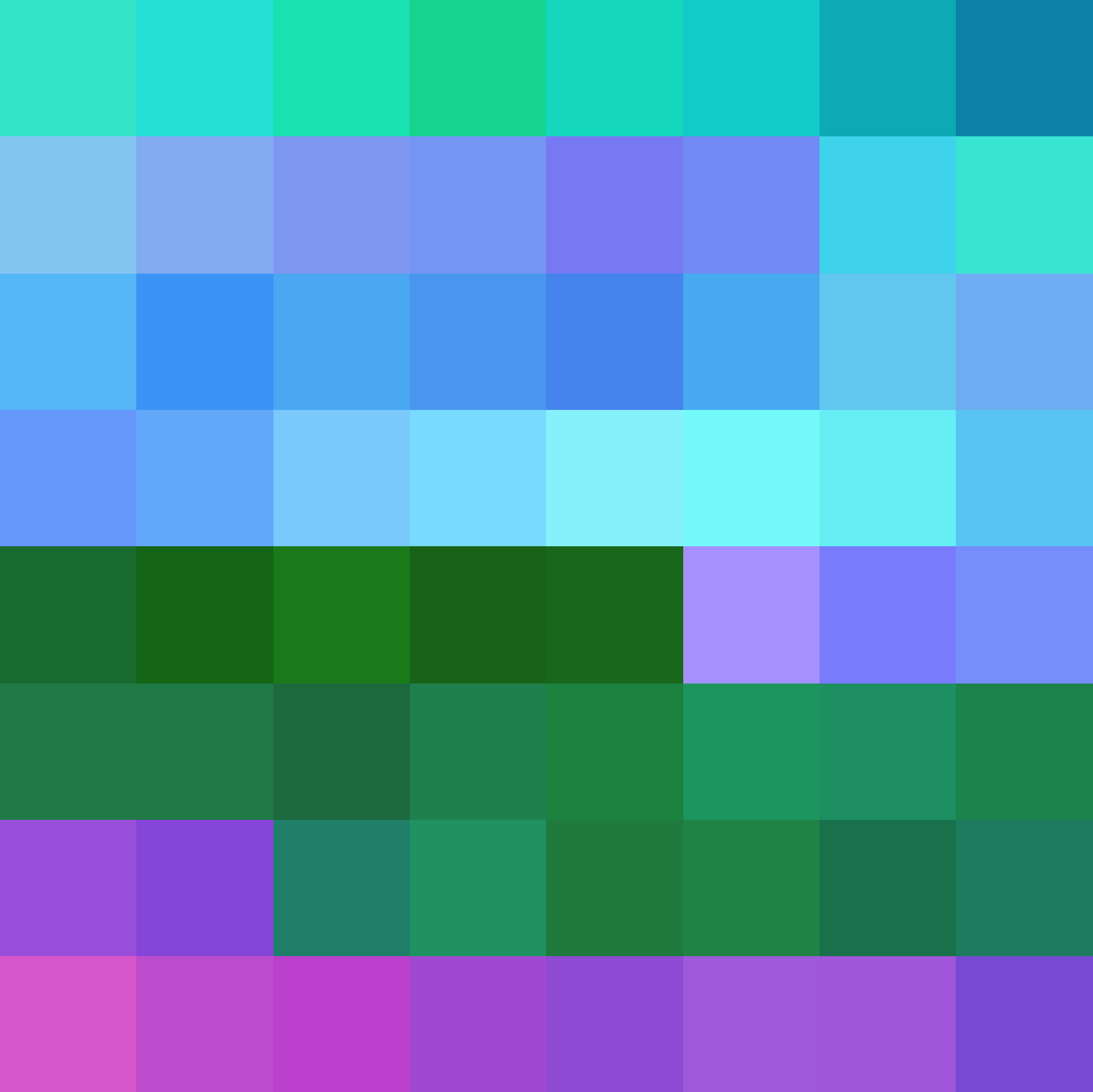
An 8 by 8 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has quite some green, some cyan, a little bit of purple, a little bit of magenta, a little bit of indigo, and a little bit of violet in it.
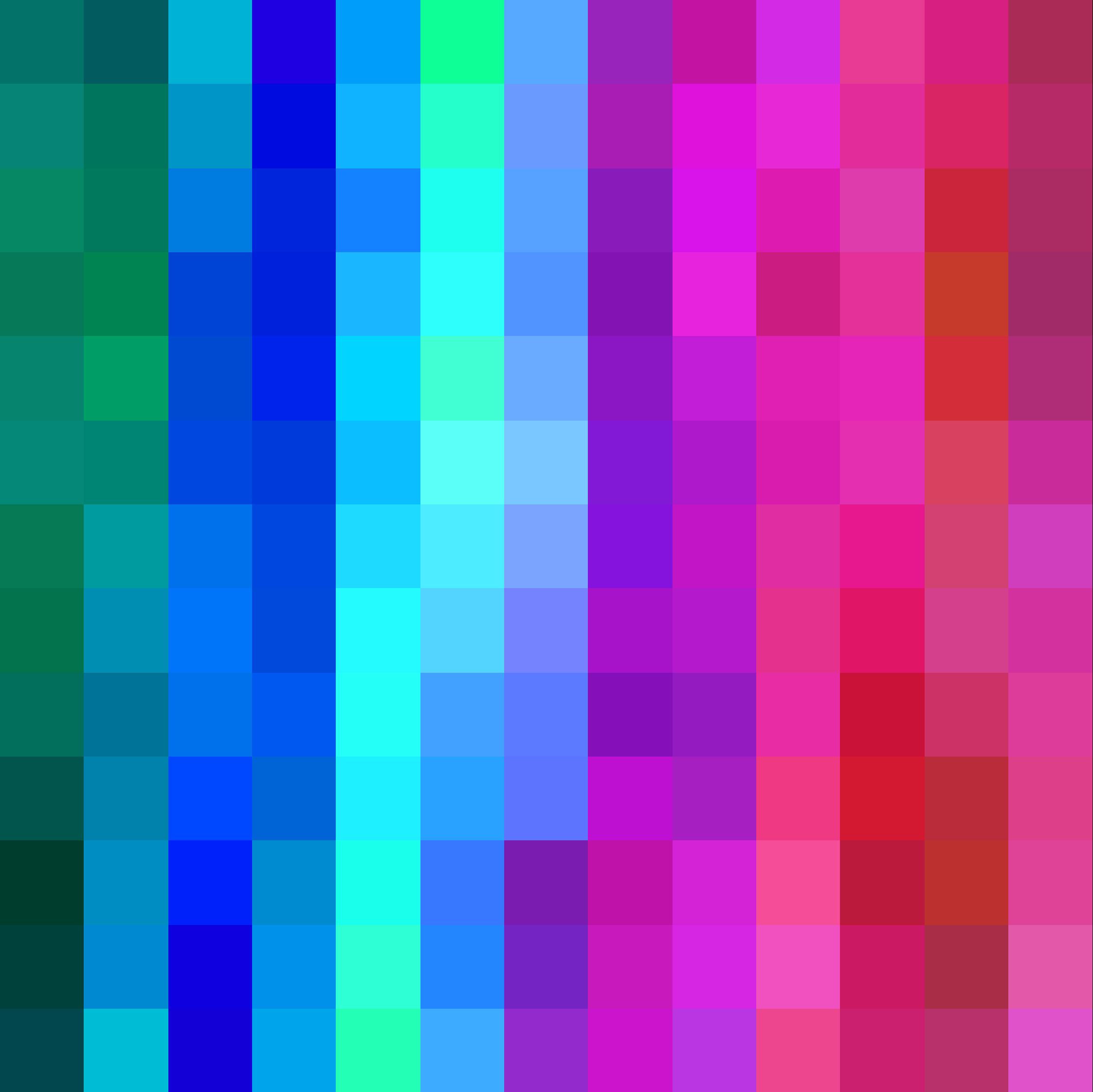
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly blue, but it also has quite some magenta, some cyan, some rose, a bit of purple, a little bit of red, a little bit of green, a tiny bit of indigo, and a tiny bit of violet in it.

The two tone gradient in this 4 by 4 pixel grid is mostly indigo, but it also has quite some blue in it.
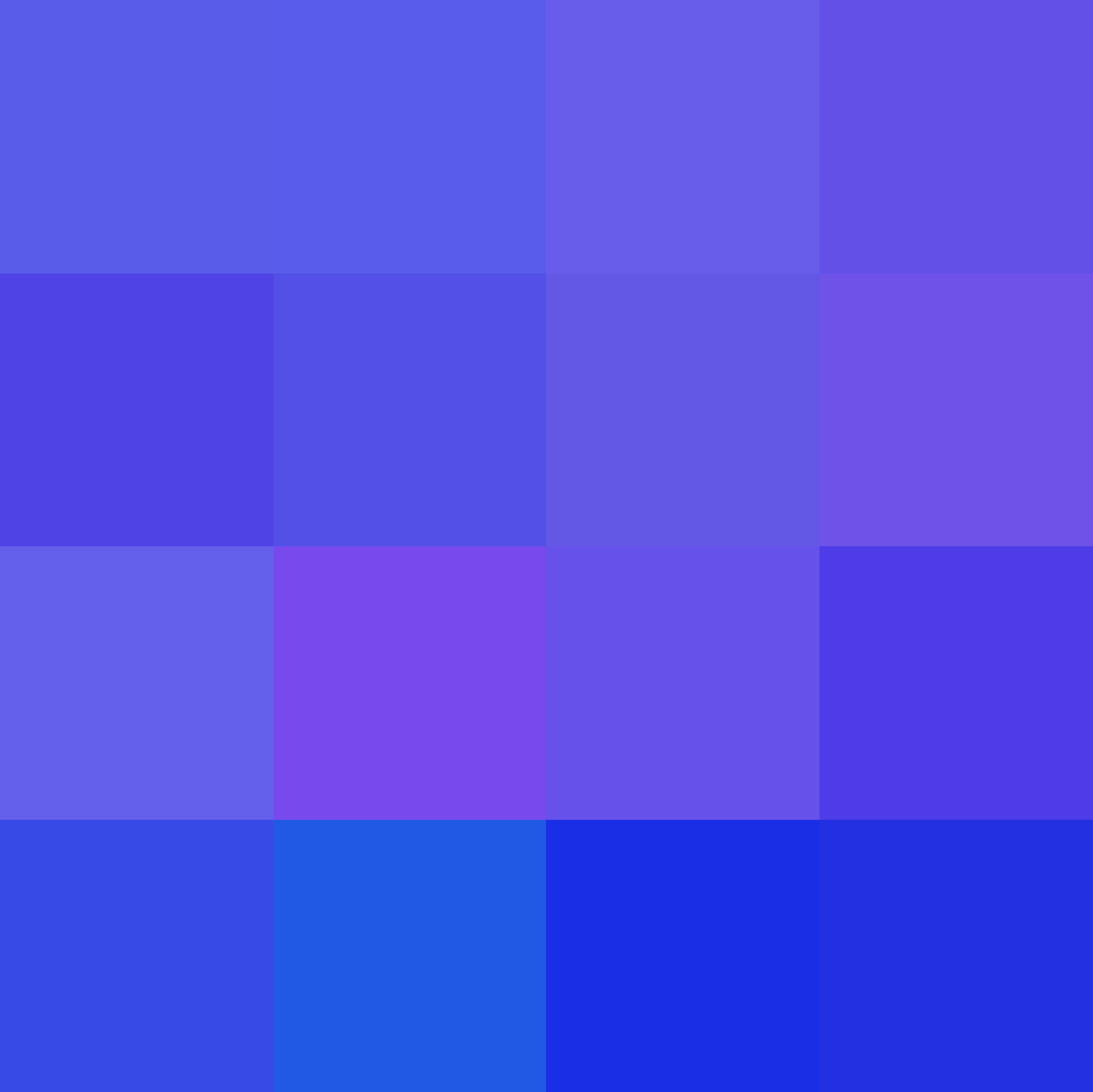
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some cyan, some orange, some yellow, some red, a bit of blue, a little bit of purple, a tiny bit of lime, and a tiny bit of violet in it.

This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, but it also has some purple, a bit of magenta, a little bit of yellow, a little bit of lime, a little bit of rose, a little bit of red, a little bit of indigo, a little bit of cyan, a tiny bit of violet, a tiny bit of orange, and a tiny bit of blue in it.
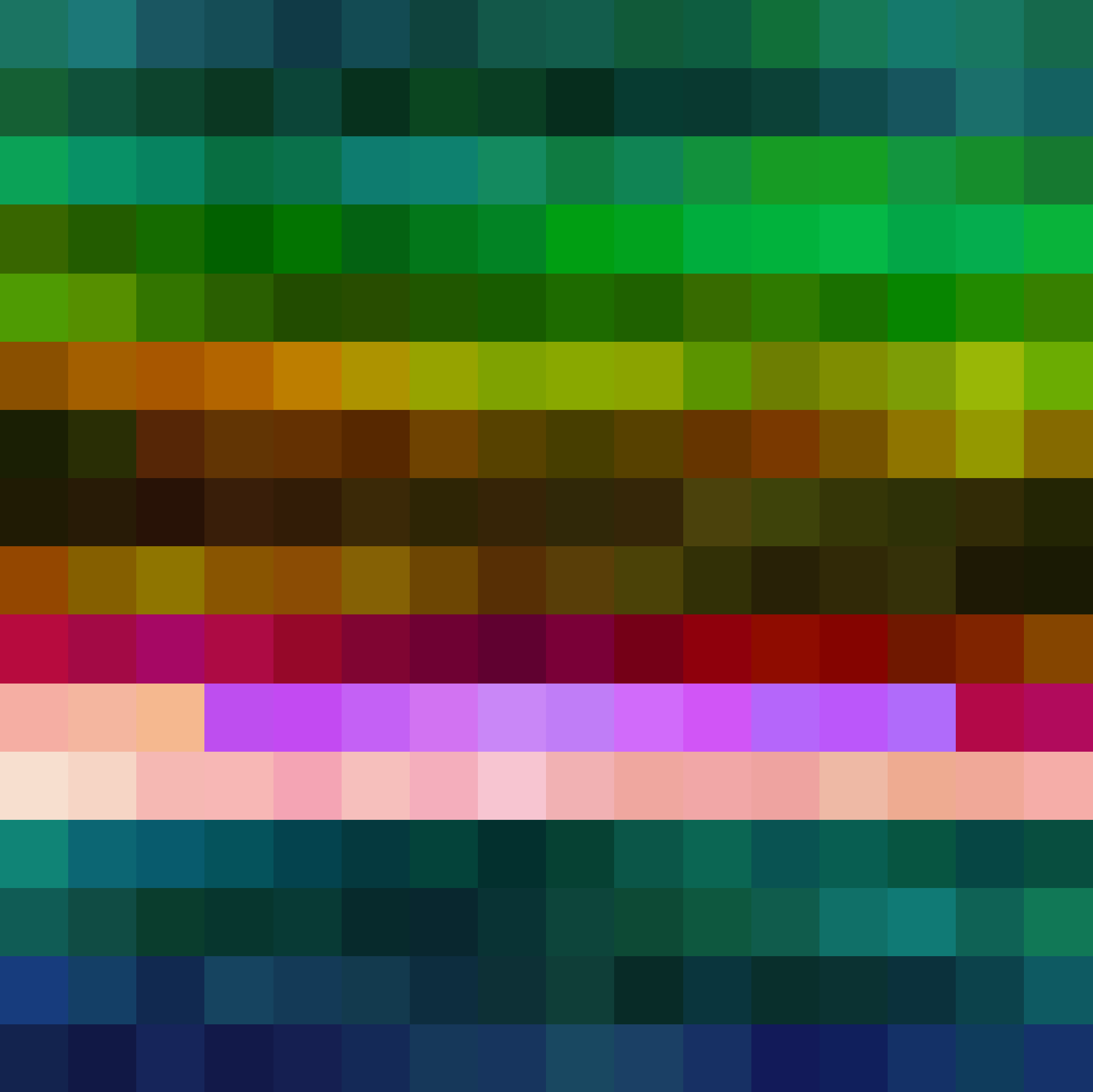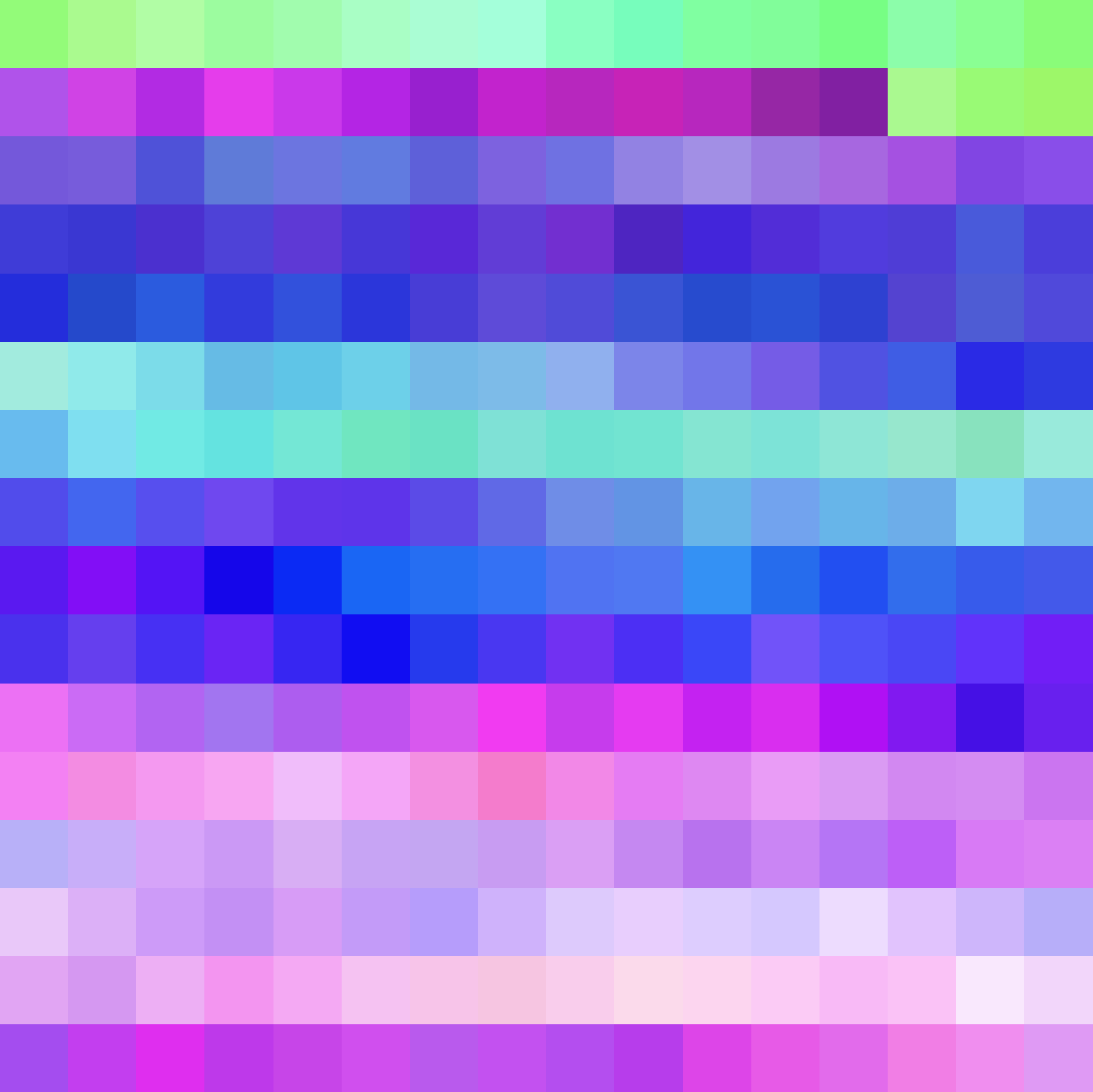
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly purple, but it also has quite some blue, quite some indigo, some magenta, a bit of green, a bit of violet, a little bit of cyan, and a tiny bit of rose in it.

There's a colourful pixel gradient in this 8 by 8 grid. It is mostly red, but it also has quite some orange, a bit of green, a little bit of yellow, and a tiny bit of cyan in it.
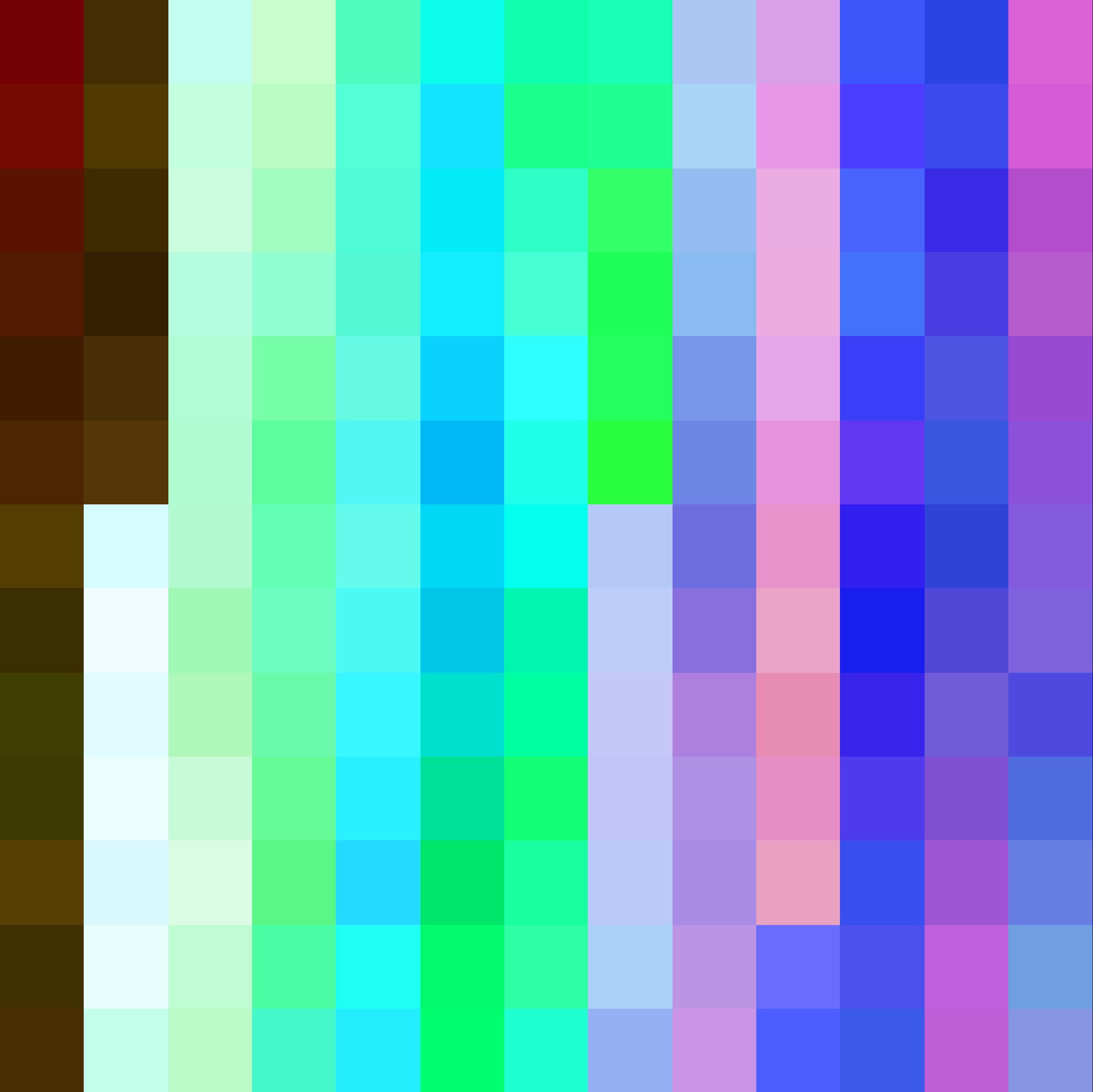
Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has quite some blue, quite some cyan, a bit of indigo, a bit of orange, a little bit of magenta, a little bit of purple, a little bit of violet, a tiny bit of red, a tiny bit of yellow, and a tiny bit of rose in it.

This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, and it also has some orange, some yellow, a bit of blue, a little bit of indigo, a little bit of red, a little bit of purple, a little bit of violet, a little bit of lime, and a little bit of cyan in it.

This very, very colourful gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has quite some magenta, some blue, some violet, a little bit of cyan, a little bit of indigo, a little bit of purple, and a tiny bit of lime in it.
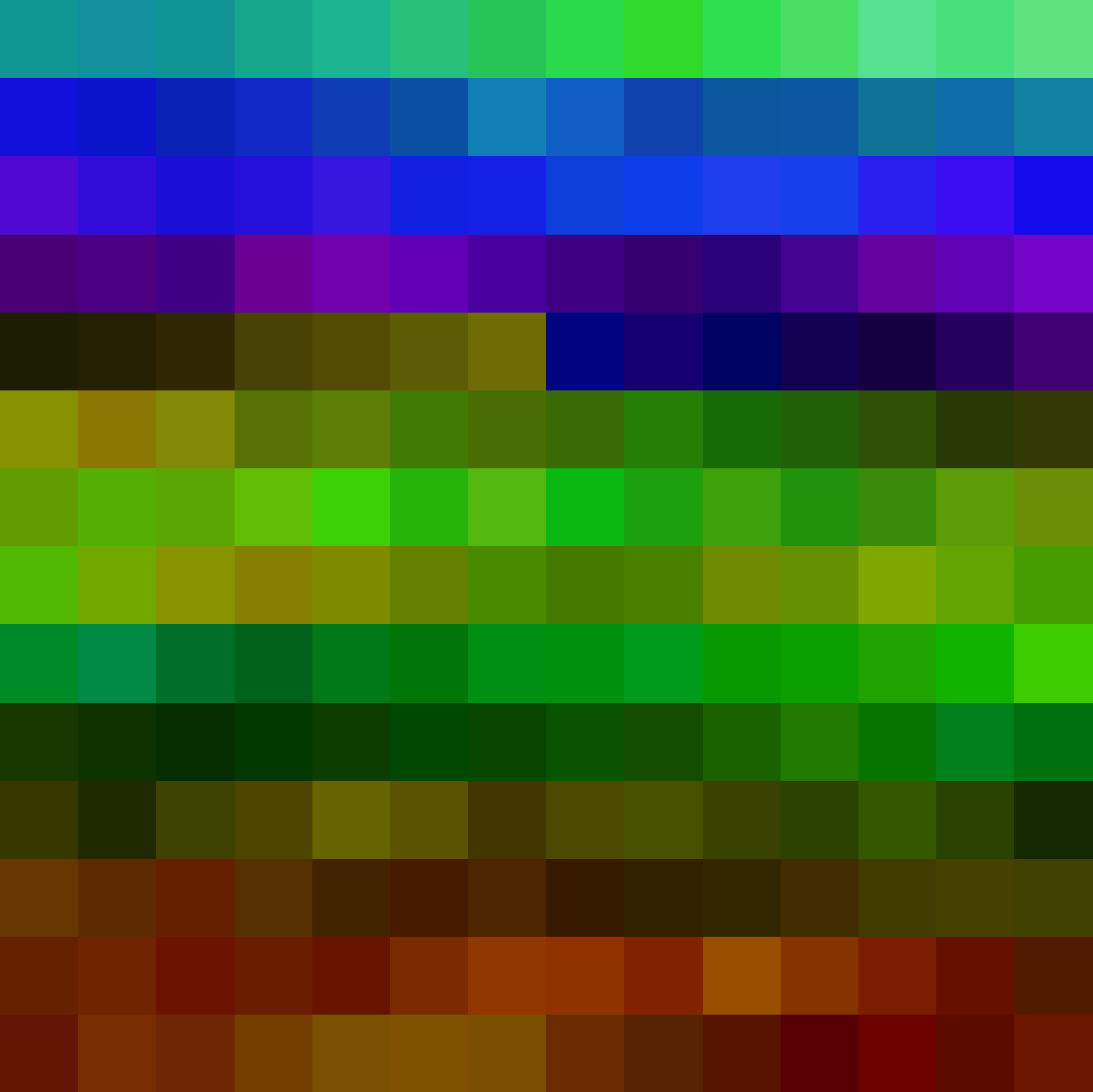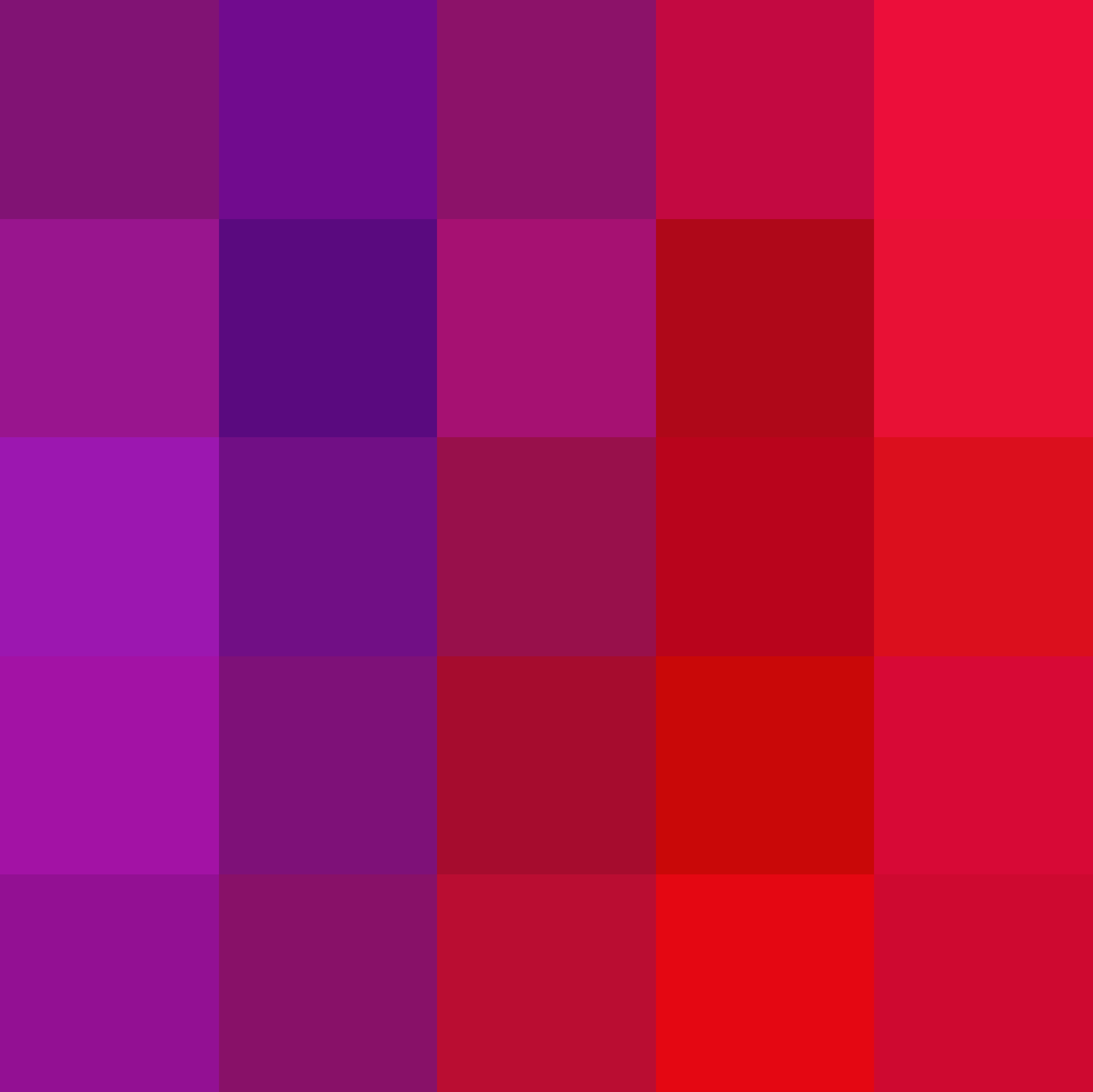
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some magenta, some purple, and a bit of rose in it.
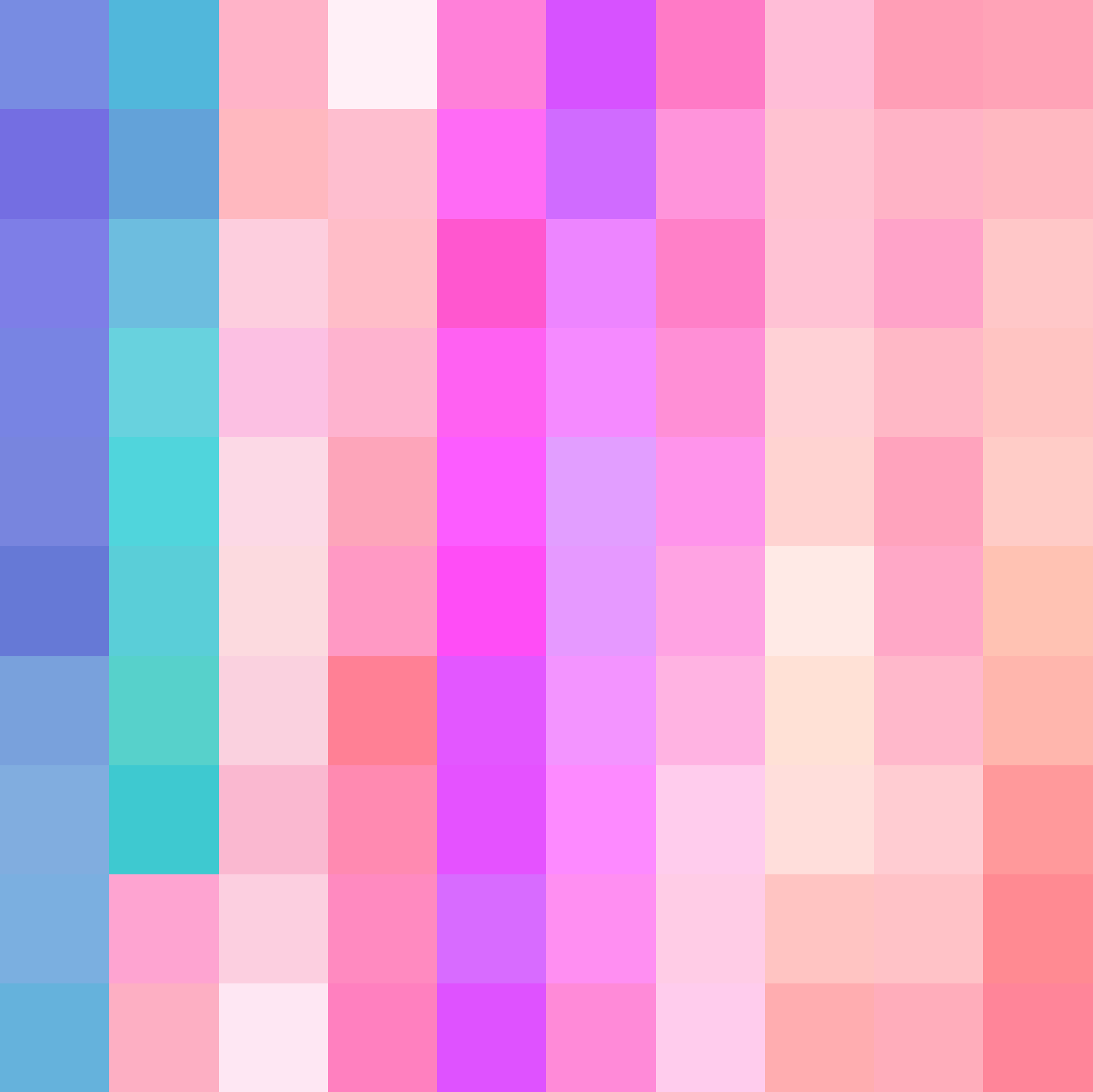
A 10 by 10 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some rose, quite some magenta, some blue, a bit of purple, a little bit of cyan, a tiny bit of indigo, and a tiny bit of orange in it.
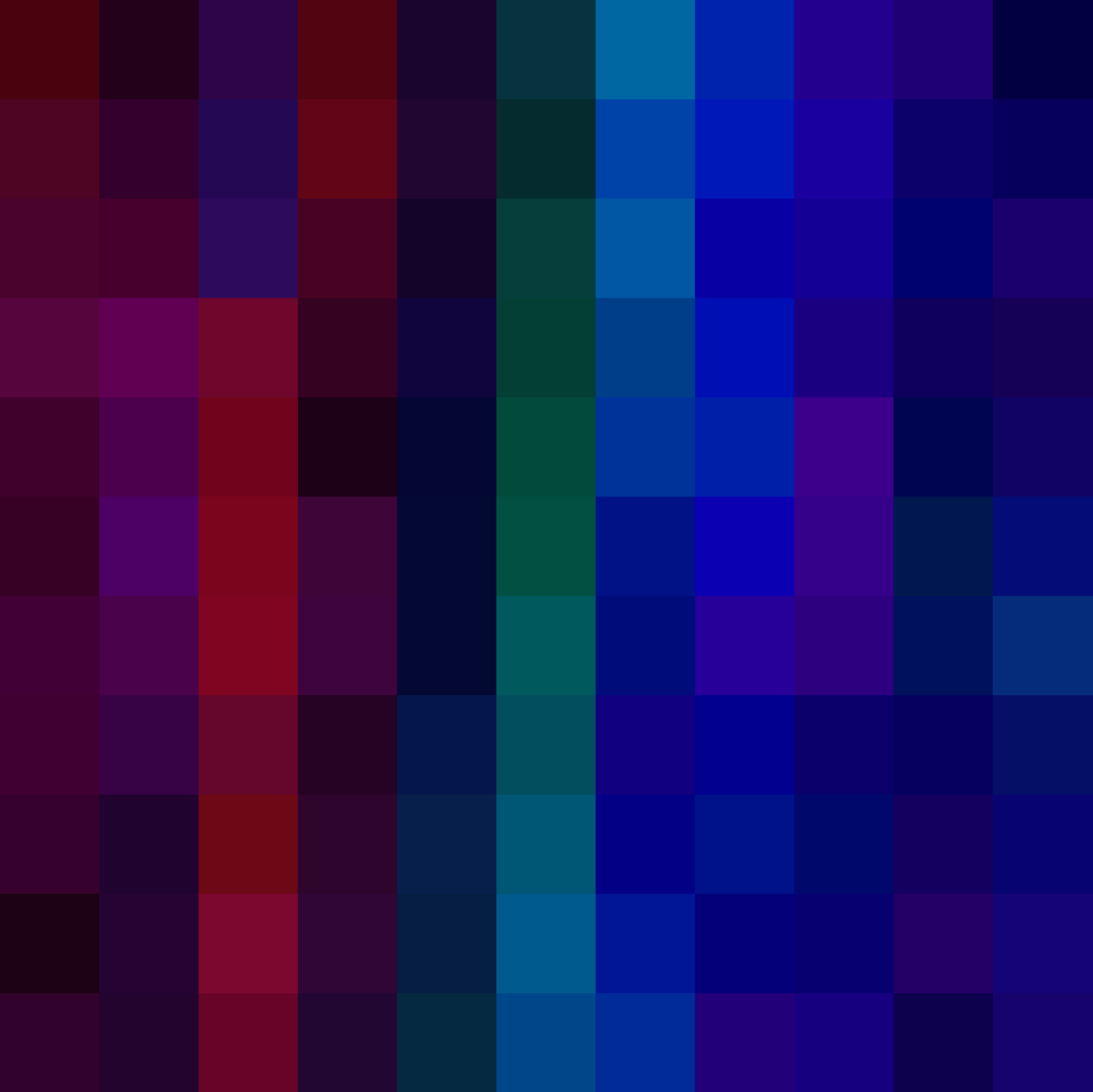
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly blue, but it also has quite some indigo, some magenta, a bit of purple, a bit of cyan, a little bit of red, a little bit of violet, and a little bit of rose in it.

There's a very, very colourful pixel gradient in this 9 by 9 grid. It is mostly red, and it also has quite some orange, some magenta, some purple, a little bit of violet, a little bit of rose, a tiny bit of indigo, and a tiny bit of yellow in it.

A very, very colourful grid of 196 blocks. It's mostly red, but it also has quite some green, some yellow, some orange, a bit of lime, a little bit of magenta, a tiny bit of rose, and a tiny bit of purple in it.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has quite some blue, and some cyan in it.
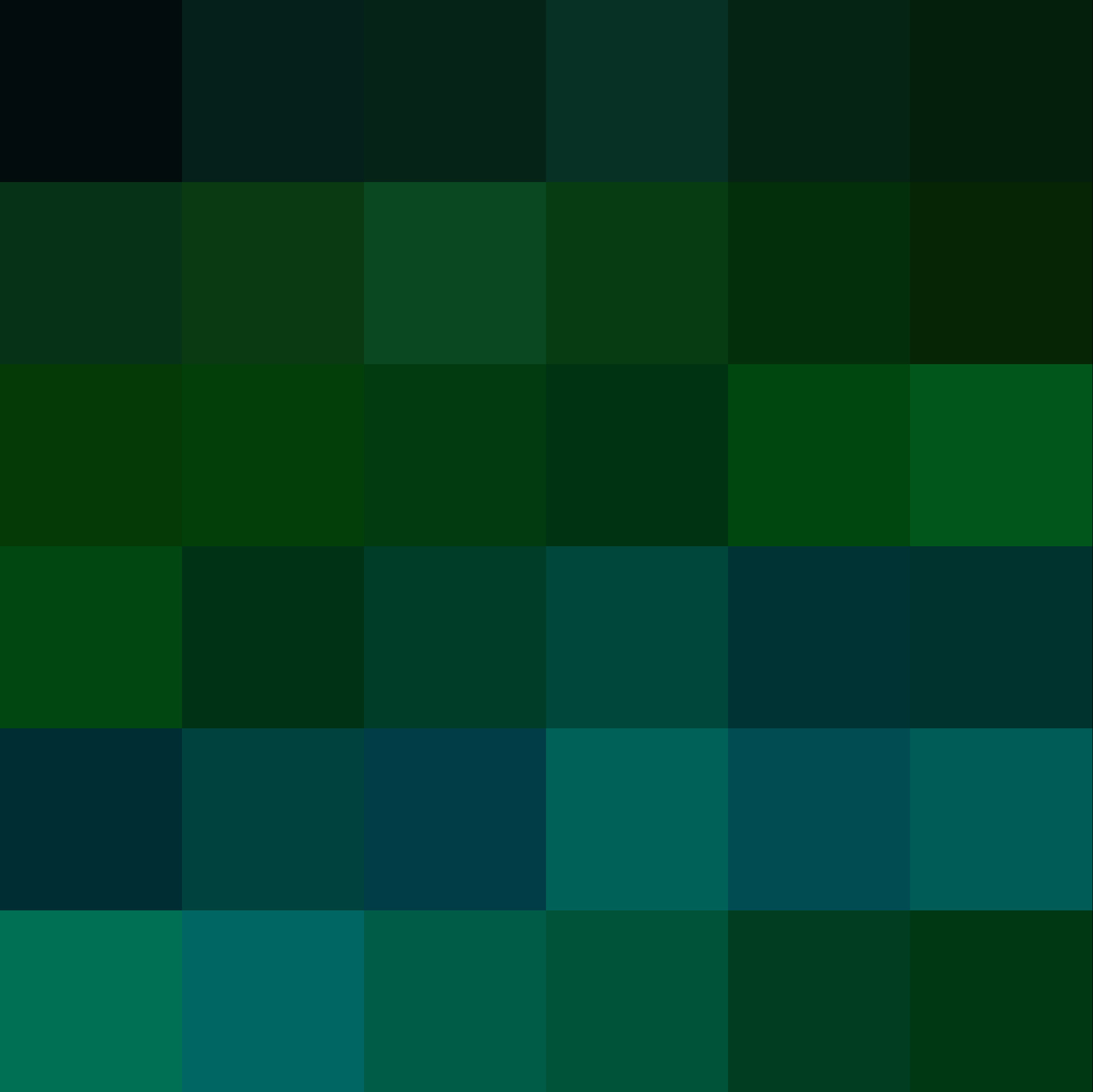
The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly green, but it also has quite some cyan in it.

A very colourful grid of 49 blocks. It's mostly blue, but it also has some orange, some red, a bit of indigo, a bit of purple, a little bit of violet, and a little bit of yellow in it.
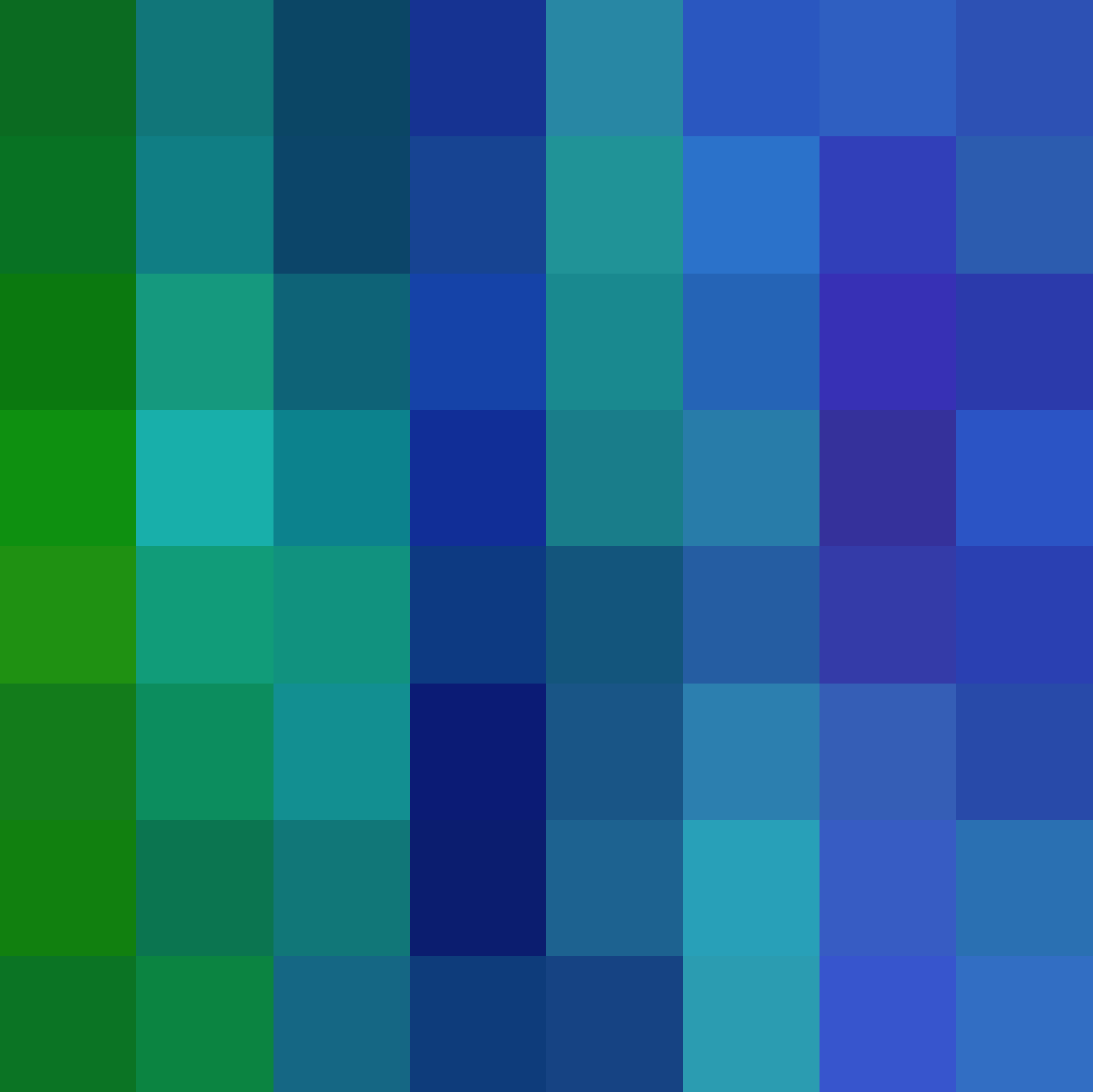
This gradient, generated in this 8 by 8 pixel grid, is mostly blue, but it also has quite some cyan, some green, and a little bit of indigo in it.
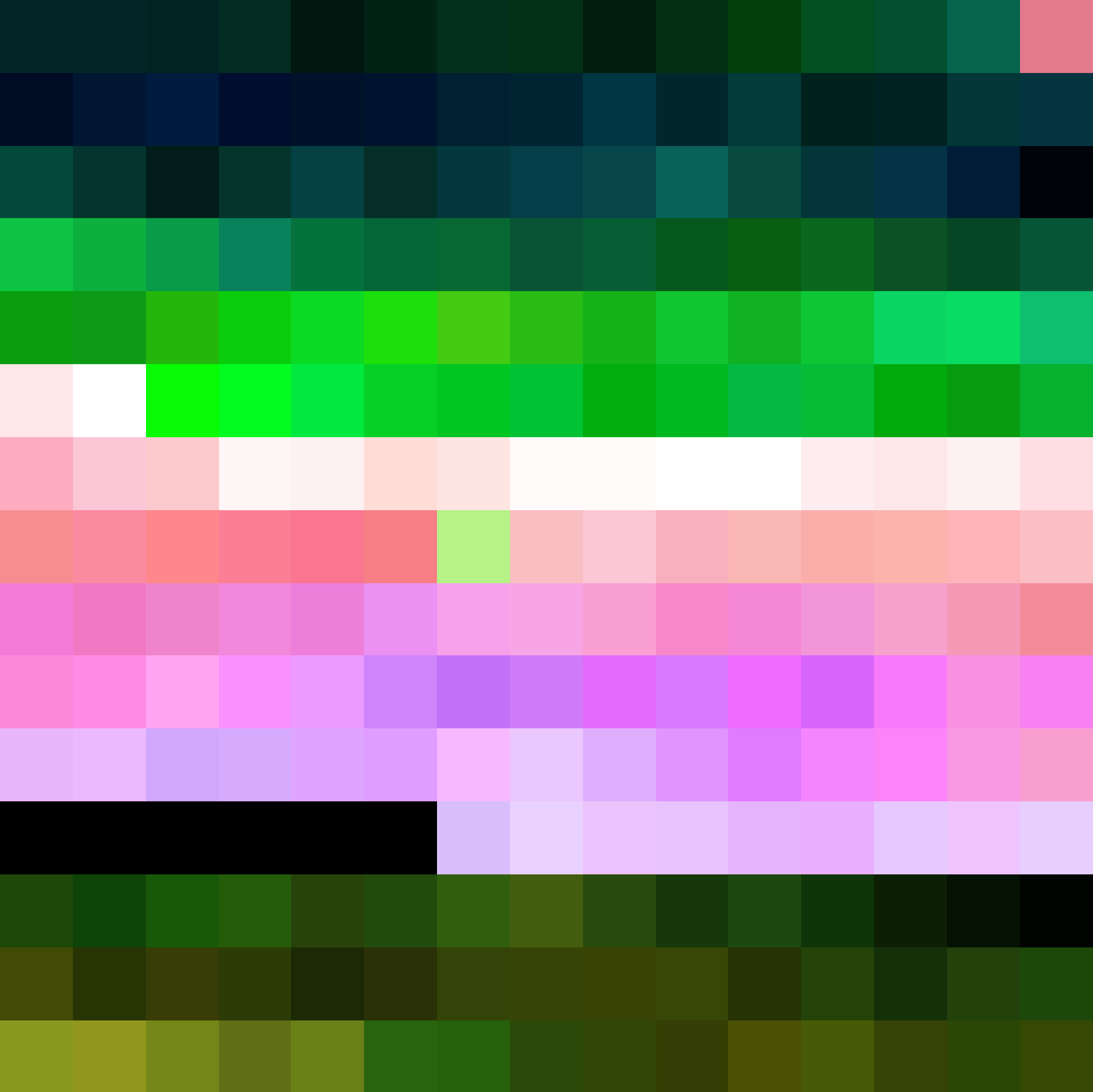
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some red, some cyan, some magenta, some purple, a little bit of blue, a little bit of lime, a little bit of yellow, a little bit of rose, and a tiny bit of violet in it.

The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some cyan, some magenta, some purple, a little bit of indigo, a little bit of red, a little bit of rose, a little bit of violet, a tiny bit of blue, and a tiny bit of lime in it.
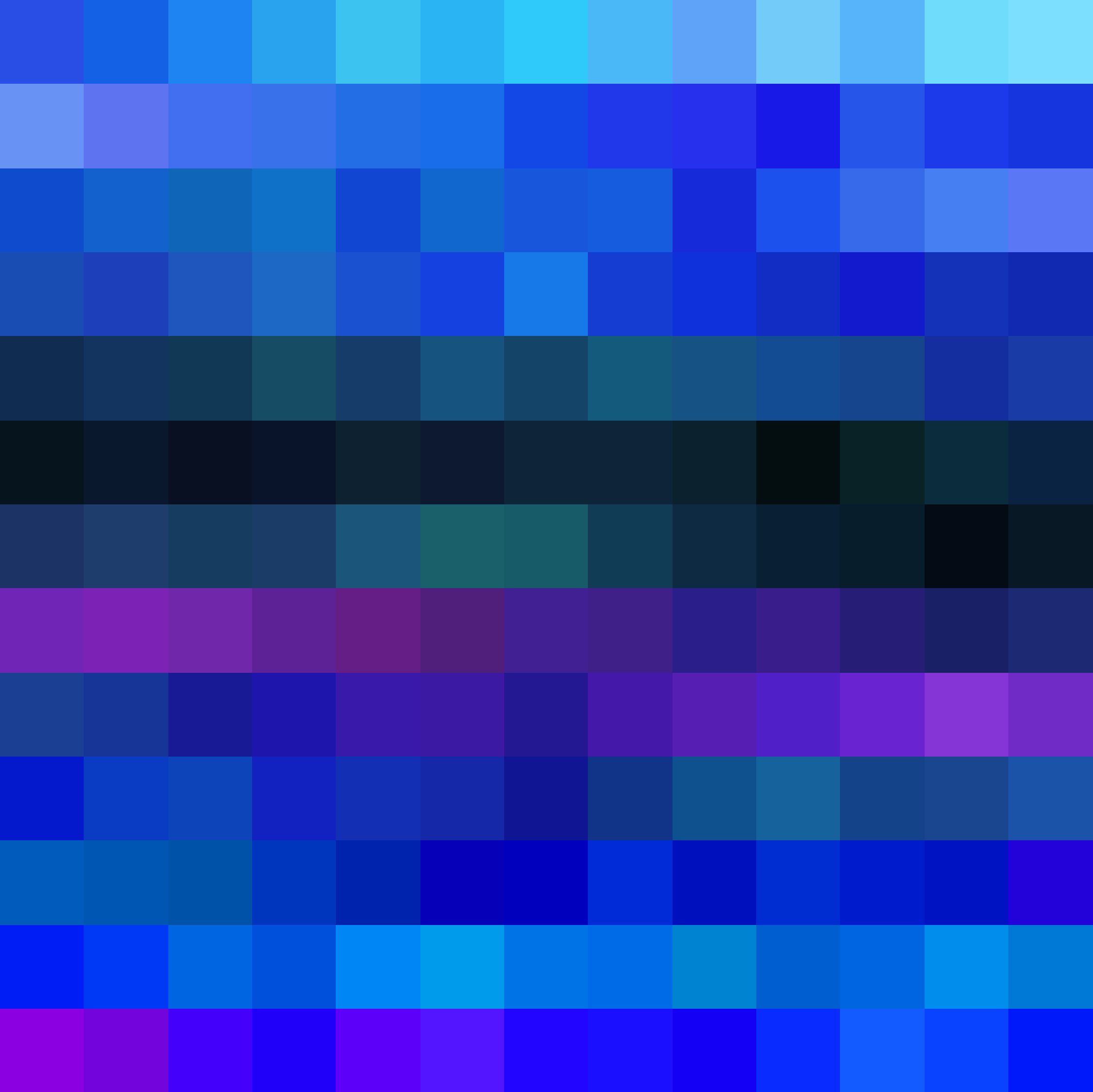
There's a colourful pixel gradient in this 13 by 13 grid. It is mostly blue, but it also has some indigo, a little bit of purple, a little bit of violet, and a little bit of cyan in it.

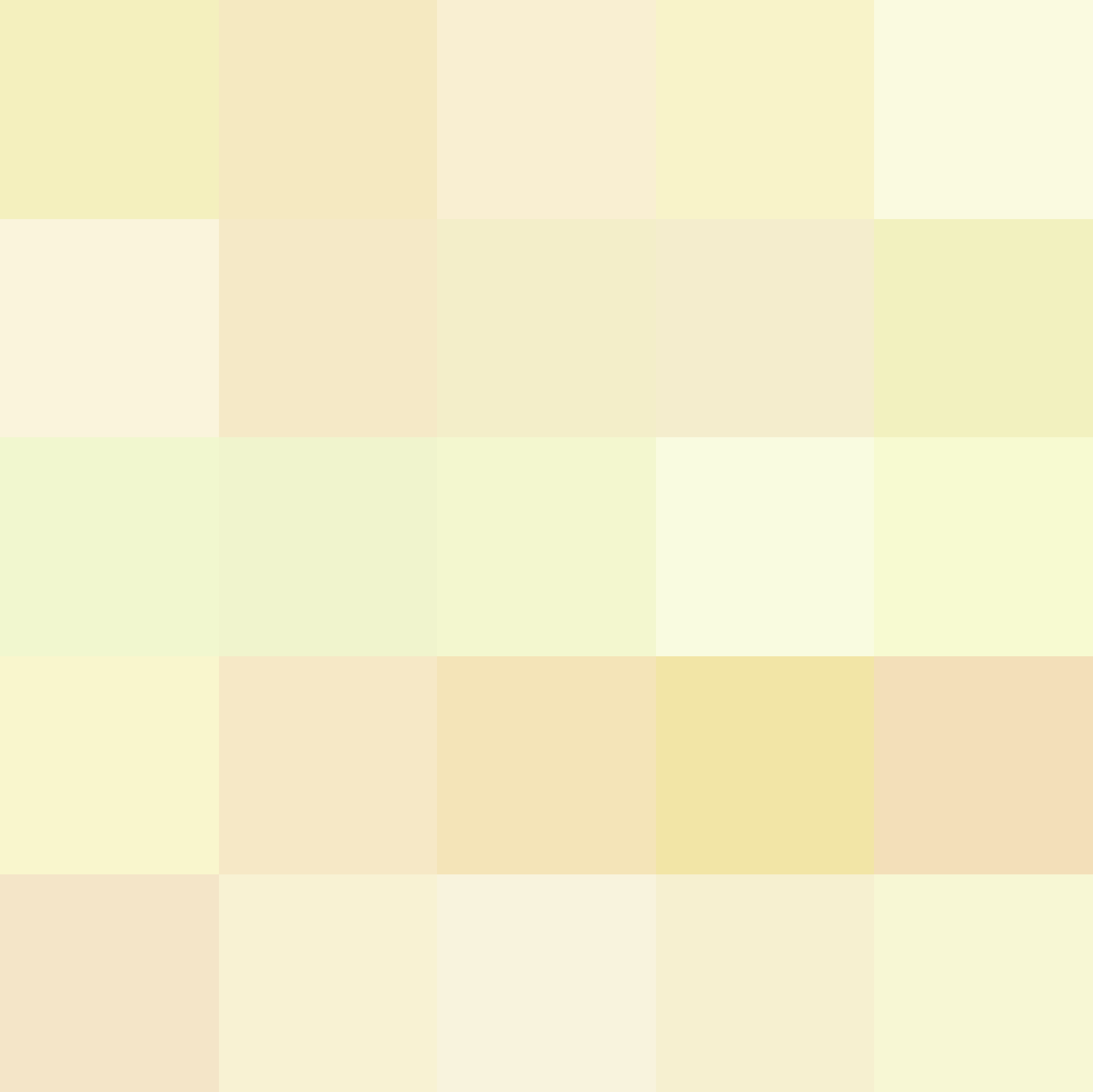A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has some red, some cyan, some orange, a bit of yellow, a little bit of blue, and a little bit of lime in it.
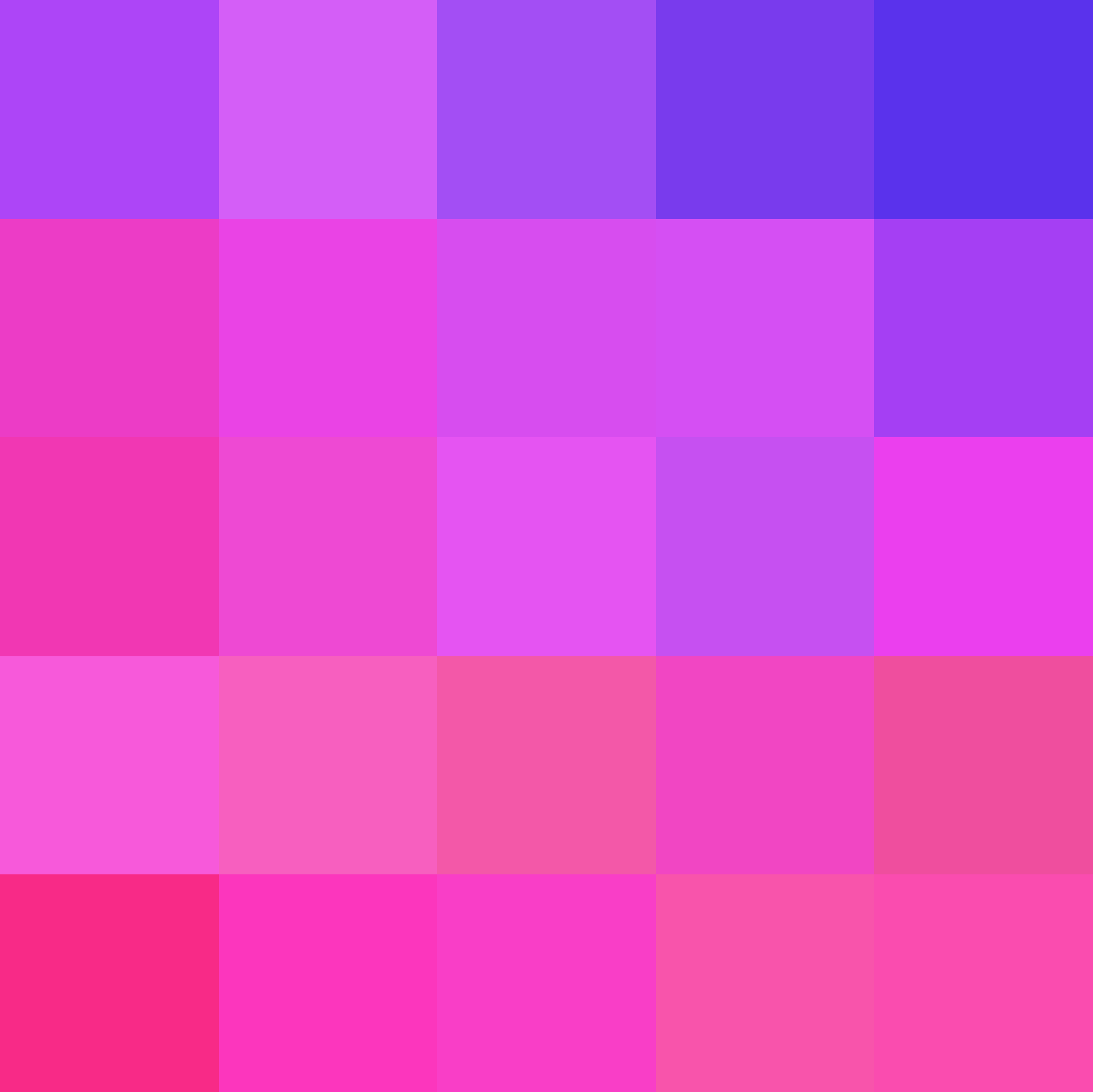
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, and it also has quite some purple, some rose, a little bit of indigo, and a little bit of violet in it.

There's a two tone pixel gradient in this 5 by 5 grid. It is mostly yellow, but it also has quite some orange in it.

A grid with 100 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some rose, a little bit of violet, a little bit of indigo, and a tiny bit of red in it.

This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, but it also has some cyan, a bit of purple, a bit of yellow, a little bit of orange, a tiny bit of lime, a tiny bit of violet, a tiny bit of indigo, a tiny bit of magenta, and a tiny bit of red in it.
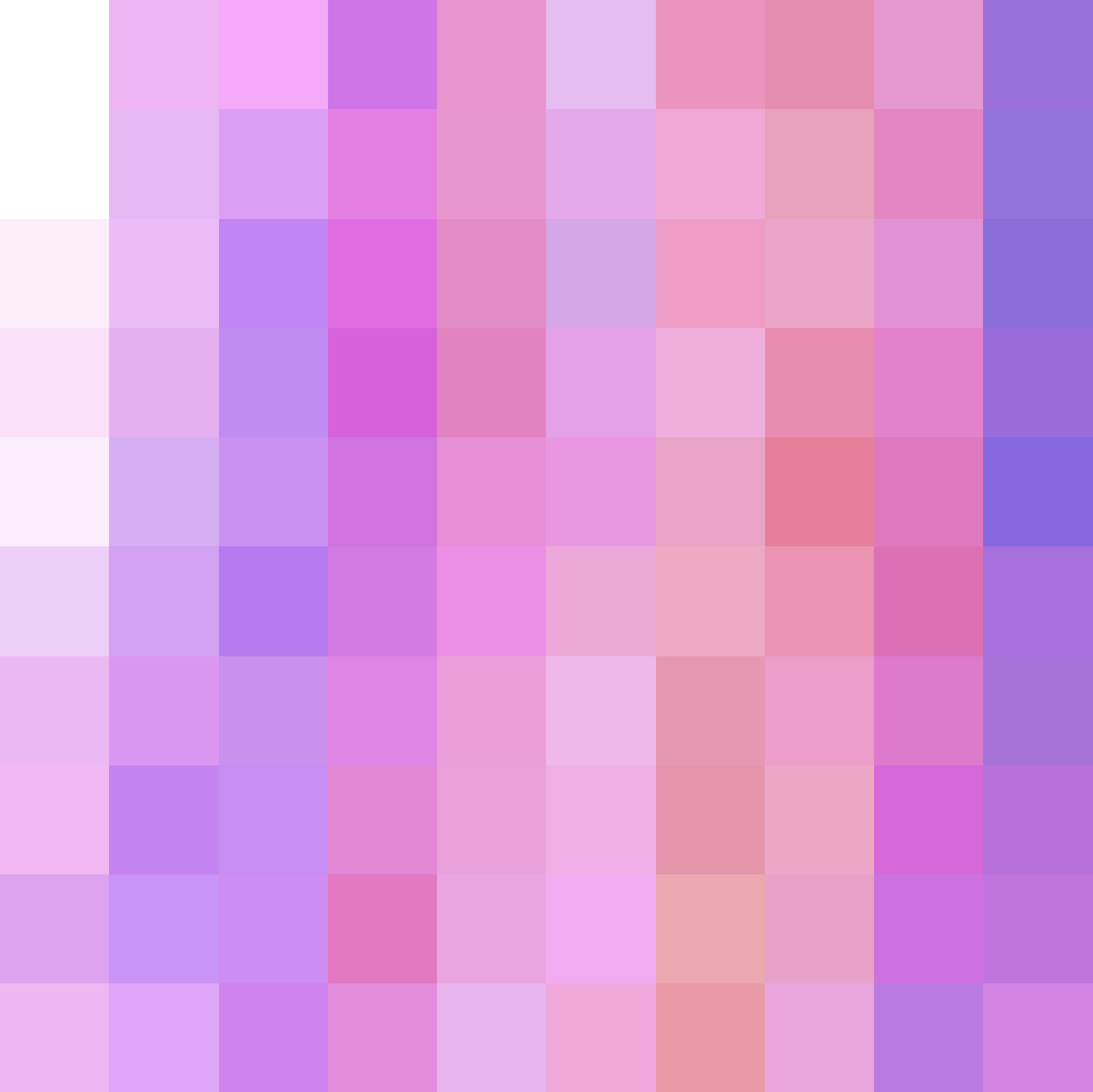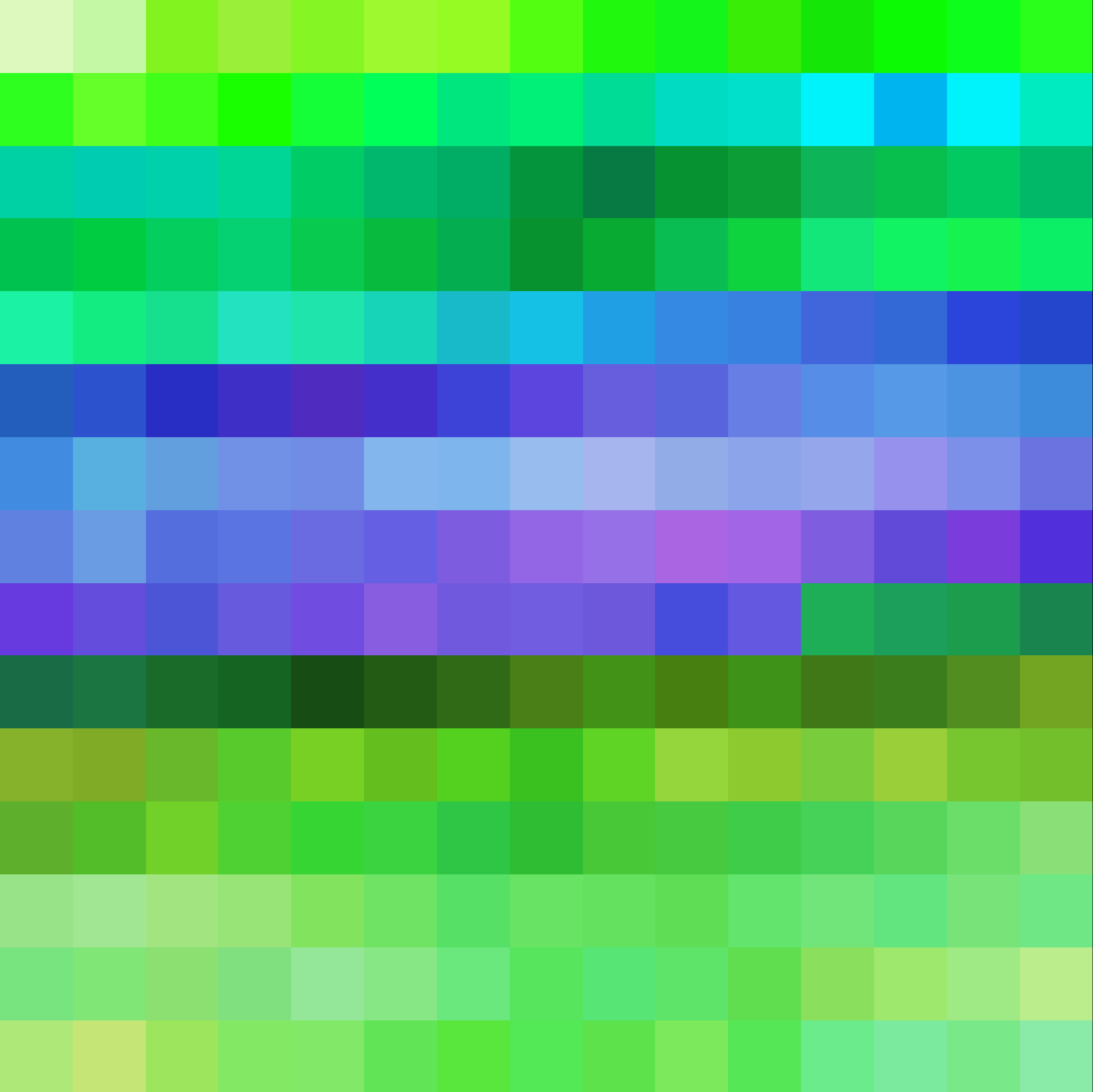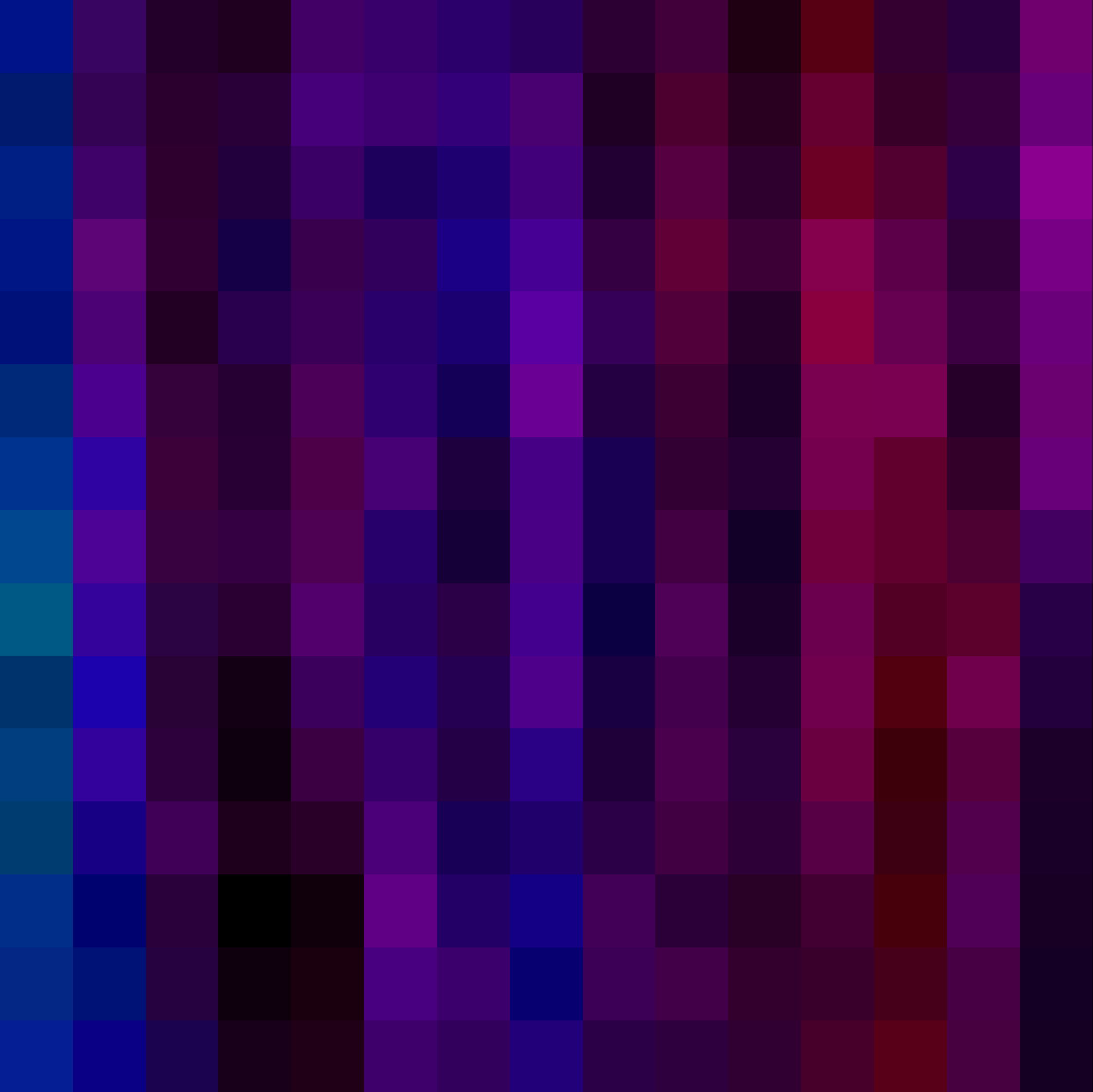
A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some blue, a bit of indigo, a little bit of cyan, a tiny bit of violet, a tiny bit of lime, and a tiny bit of purple in it.

The cells in this 7 by 7 pixel grid form a very colourful gradient. It is mostly red, and it also has quite some rose, some orange, some yellow, some green, a little bit of lime, and a little bit of magenta in it.

A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some cyan, a bit of yellow, and a little bit of lime in it.

A very colourful grid of 225 blocks. It's mostly magenta, and it also has quite some purple, some indigo, a bit of blue, a bit of violet, a little bit of rose, and a tiny bit of red in it.

A grid with 100 coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, but it also has quite some yellow, some red, a little bit of green, a little bit of lime, and a little bit of cyan in it.
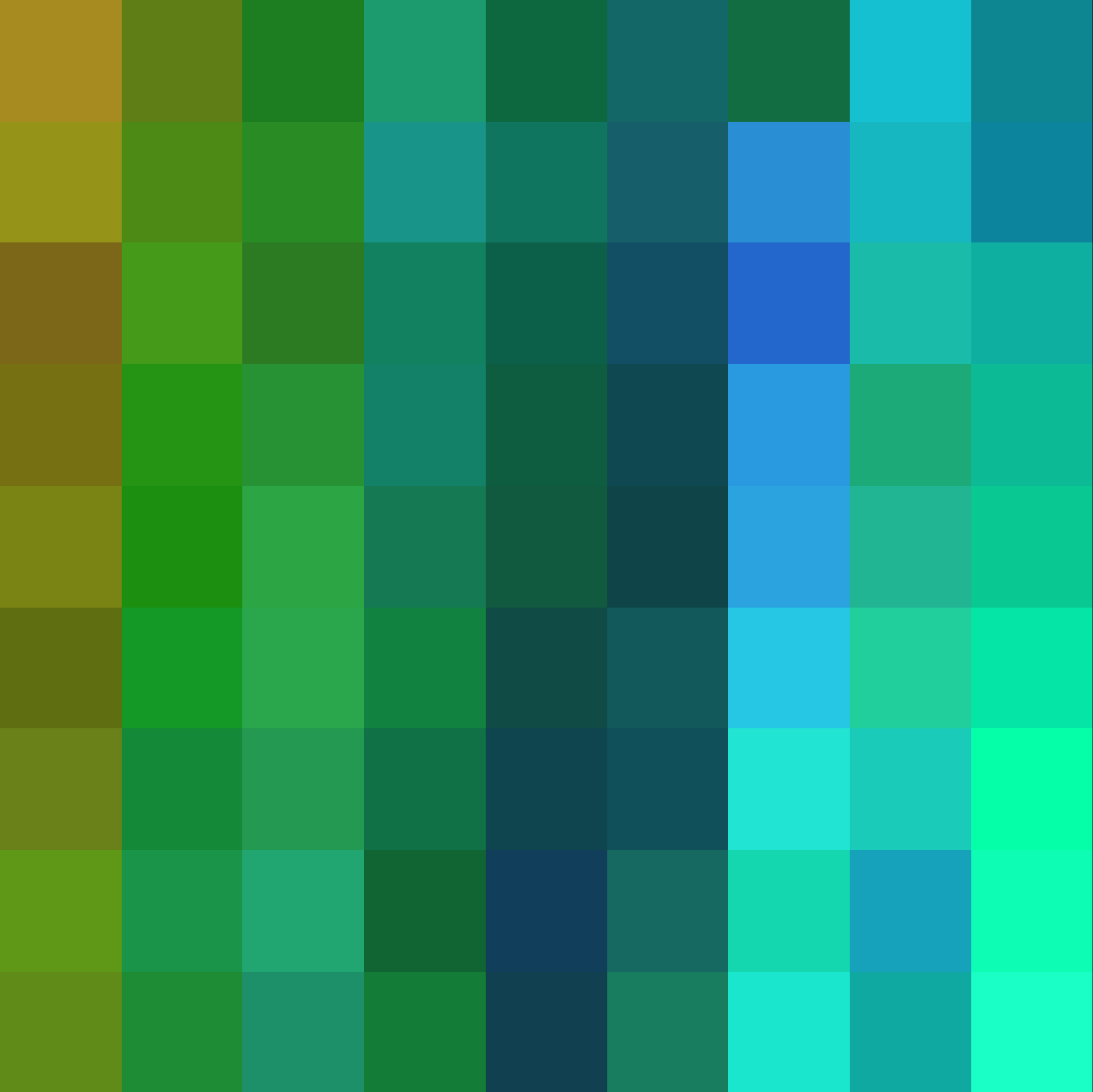
A colourful grid of 36 blocks. It's mostly red, and
it also has some yellow, some orange, some
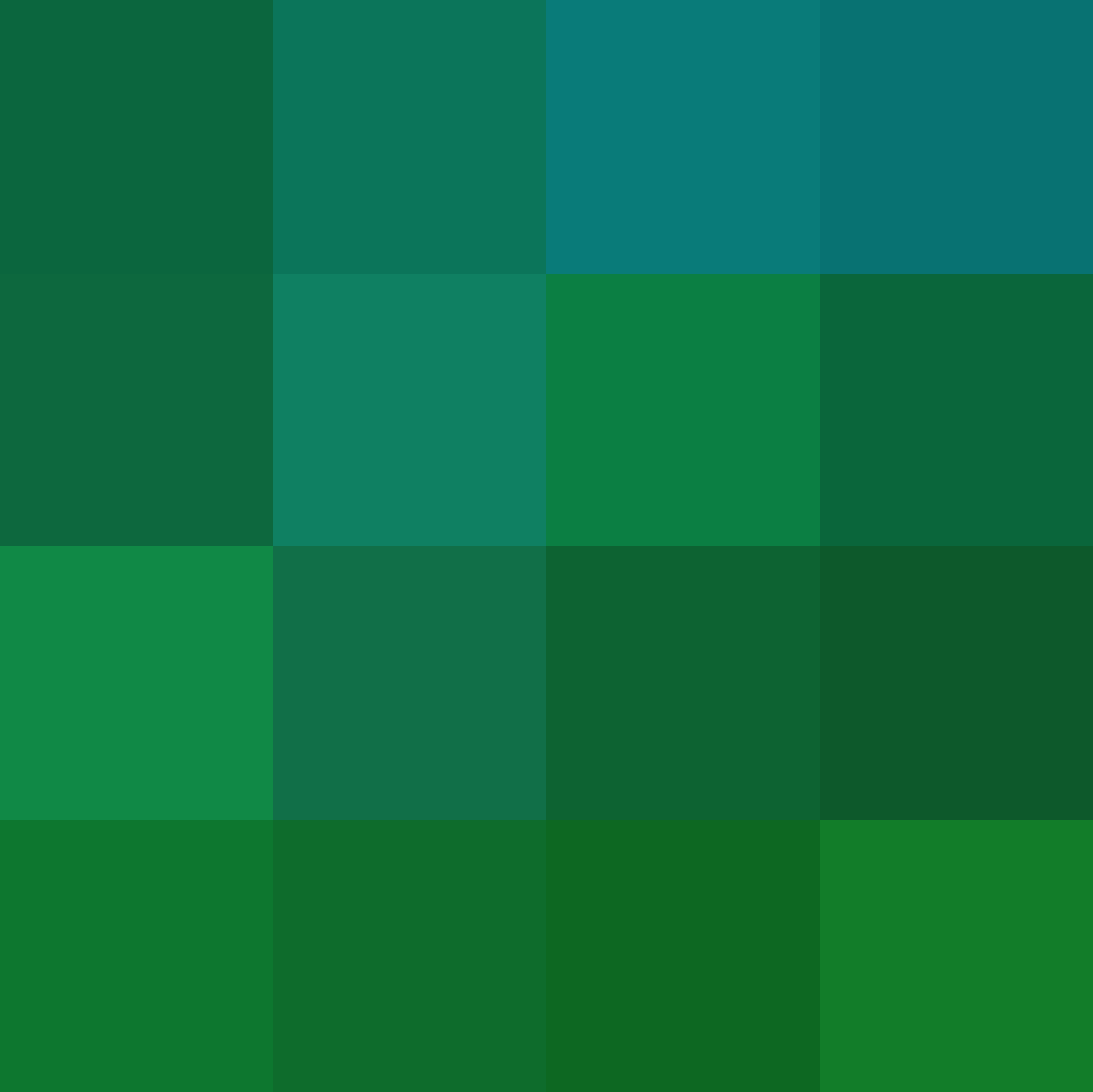green, and a bit of lime in it.
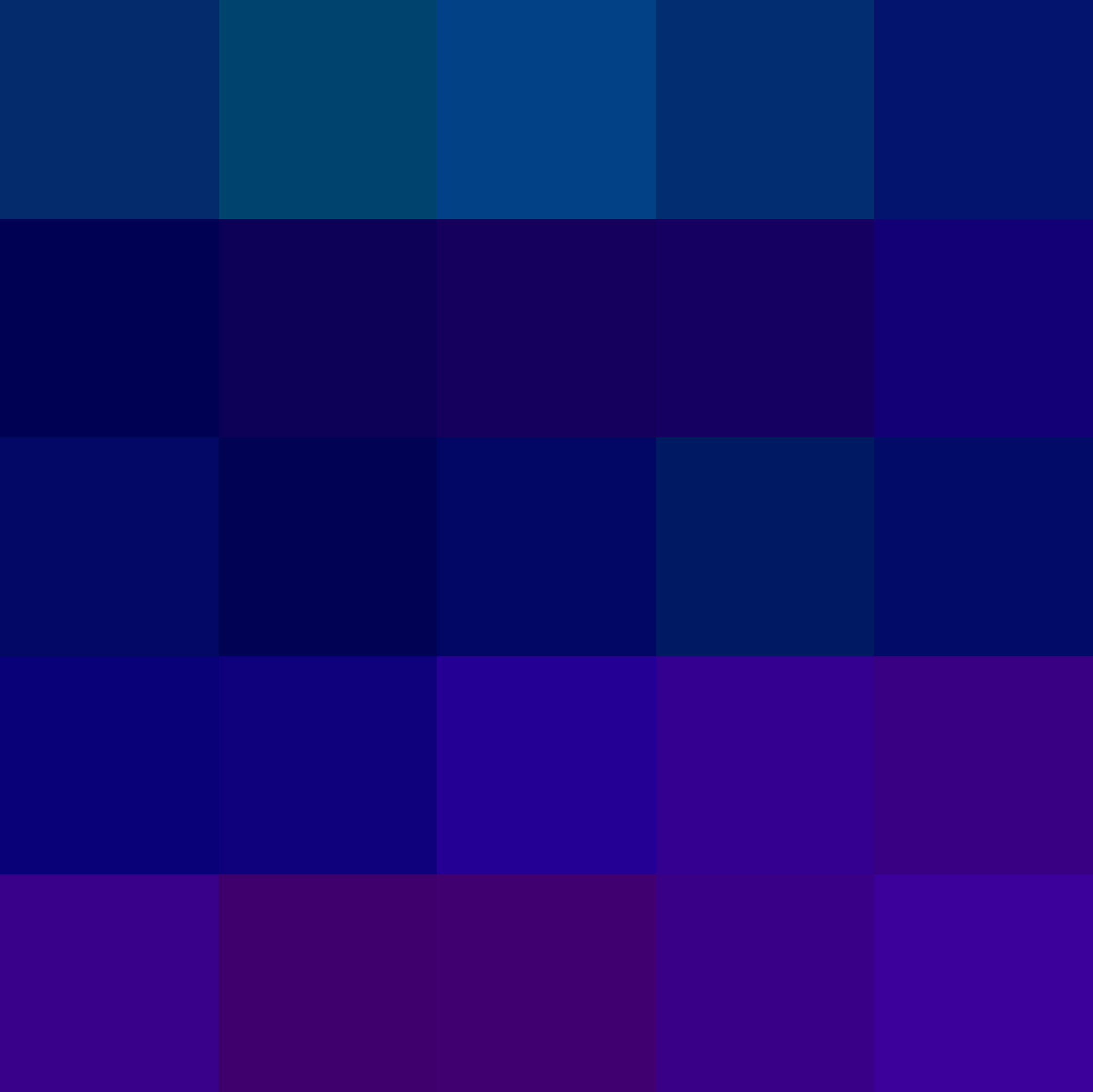
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, but it also has quite some indigo, quite some violet, and a bit of purple in it.
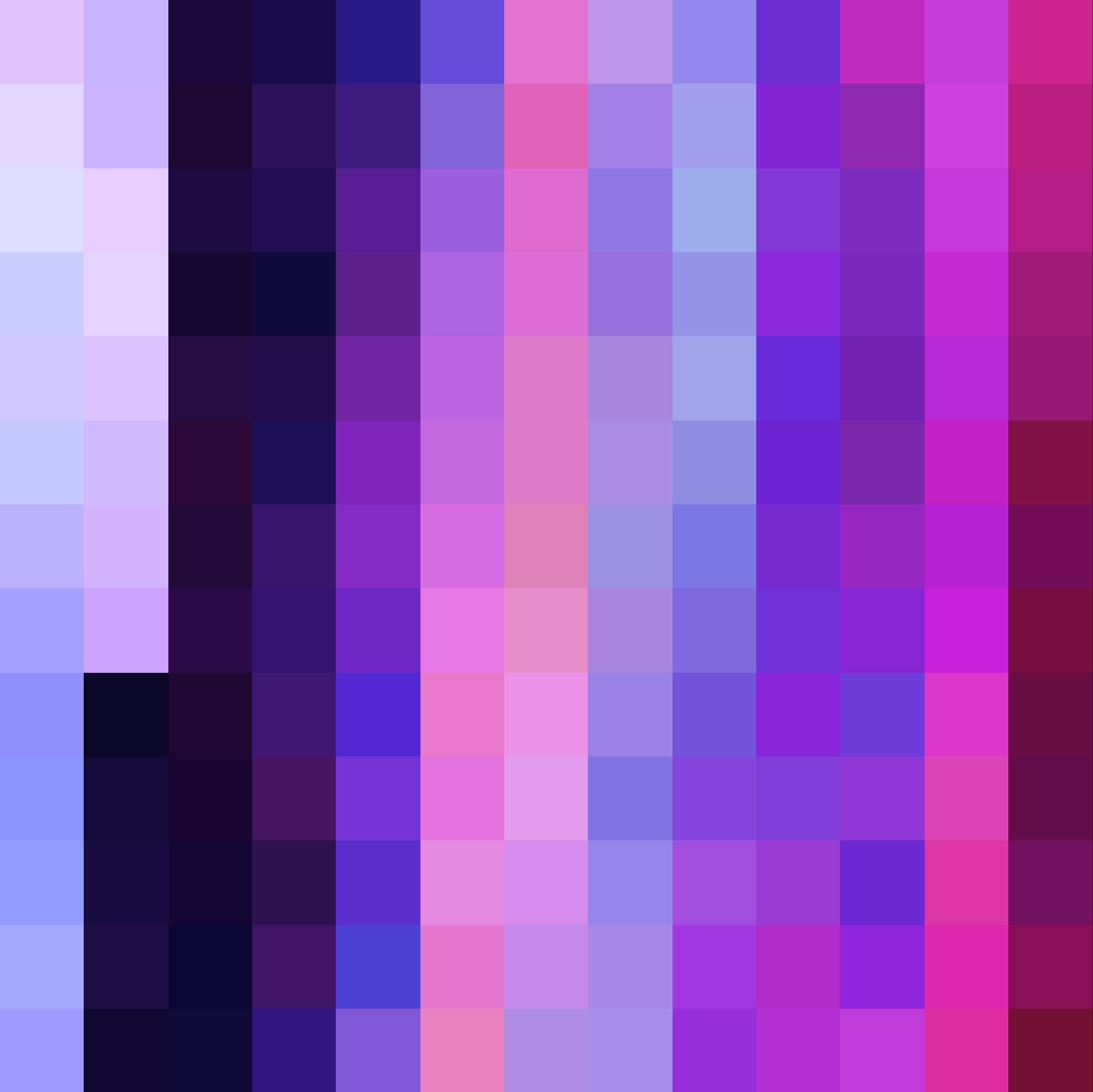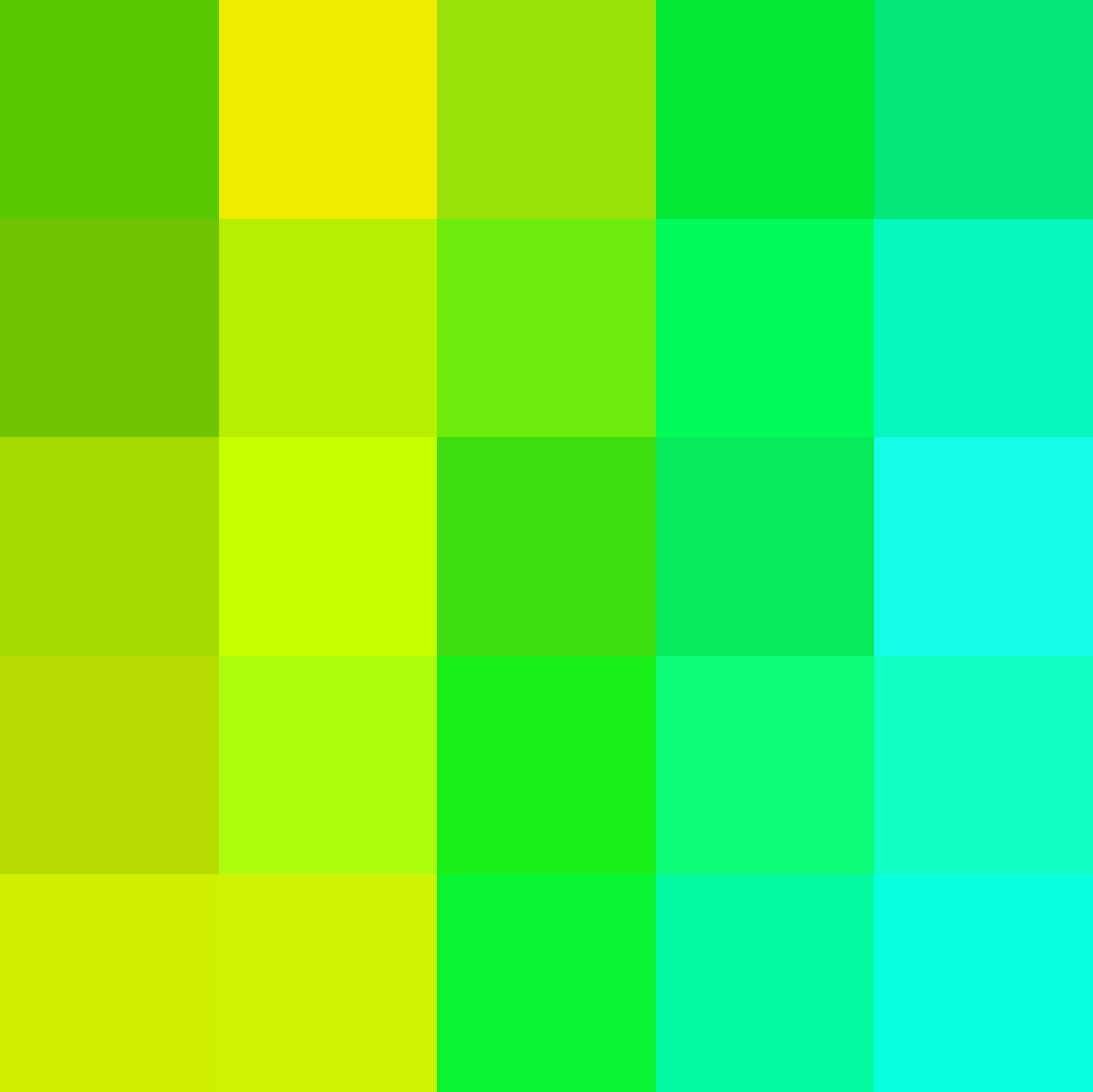
The very colourful gradient in this 13 by 13 pixel grid is mostly indigo, and it also has quite some purple, quite some magenta, quite some violet, a little bit of blue, and a tiny bit of rose in it.

The cells in this 9 by 9 pixel grid form a colourful gradient. It is mostly green, but it also has quite some cyan, a bit of blue, a bit of yellow, and a tiny bit of lime in it.

This two tone gradient, generated in this 4 by 4 pixel grid, is mostly green, but it also has quite some cyan in it.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly green, and it also has some yellow, some cyan, and some lime in it.

A grid with 49 coloured squares that form a very colourful gradient. The colours are various shades of mostly orange, but it also has quite some red, some yellow, a little bit of green, a little bit of cyan, and a tiny bit of lime in it.

This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly orange, and it also has quite some red, quite some magenta, a little bit of purple, and a tiny bit of rose in it.
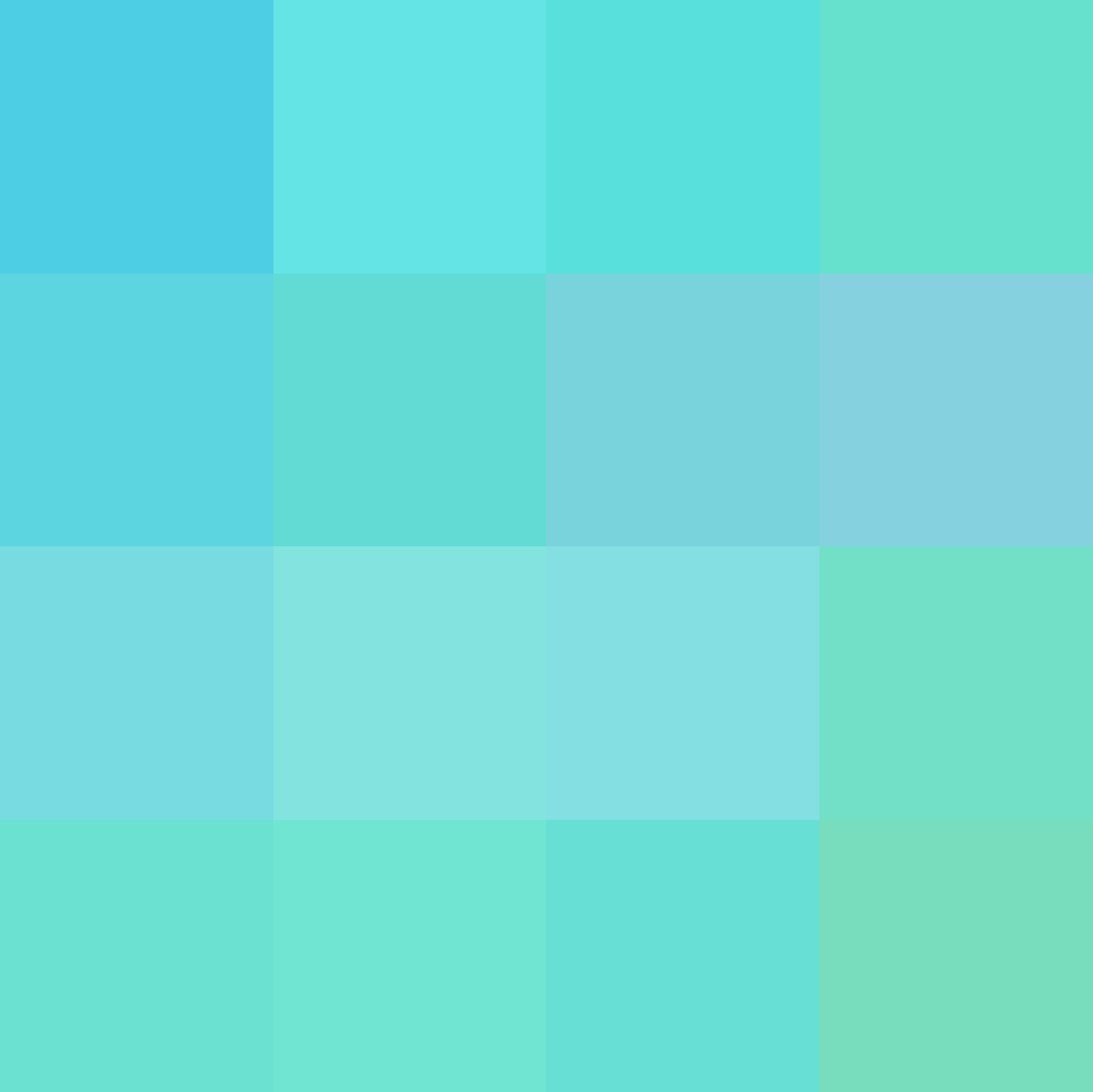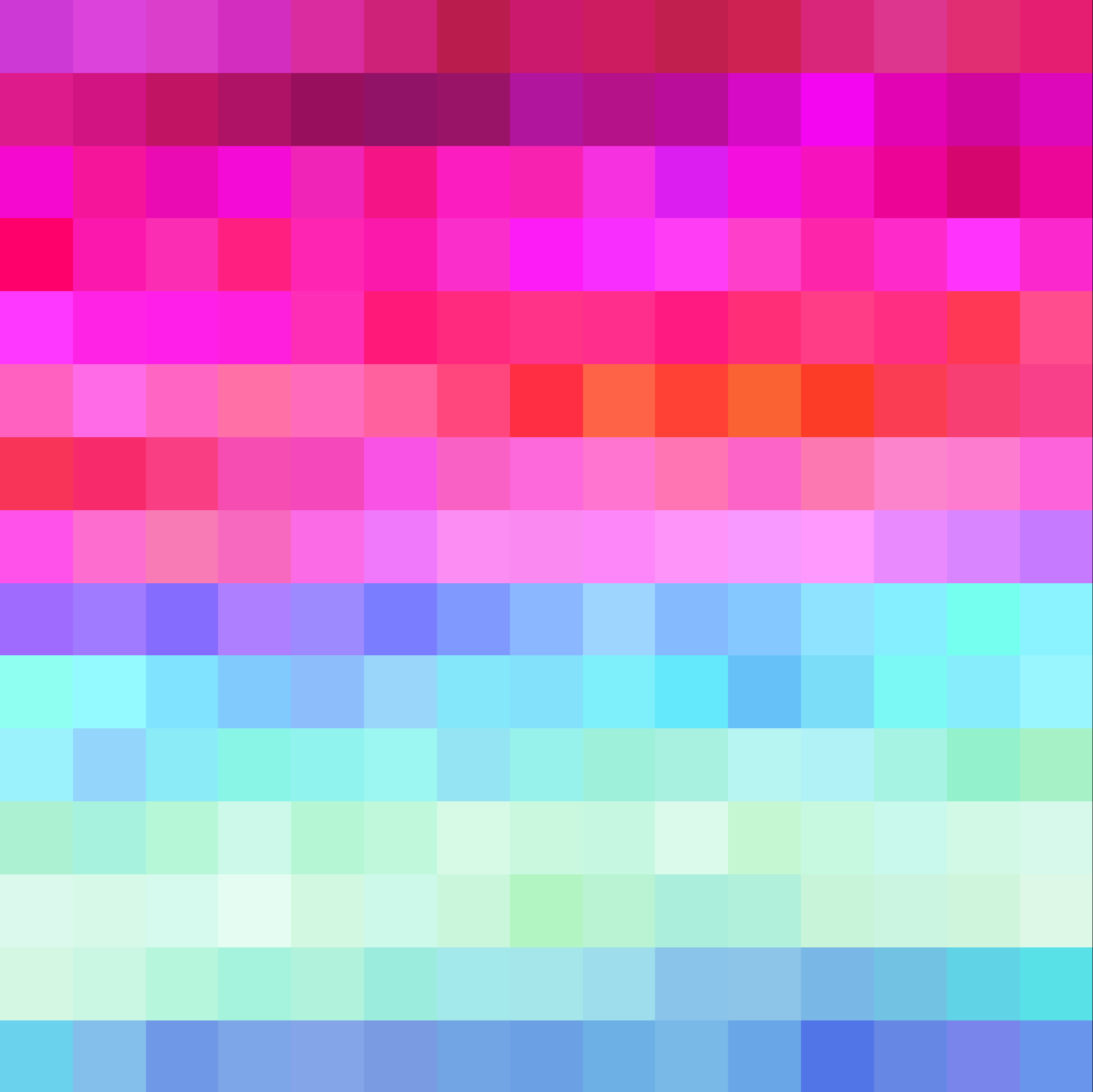
The two tone gradient in this 4 by 4 pixel grid is mostly cyan, but it also has a little bit of green in it.

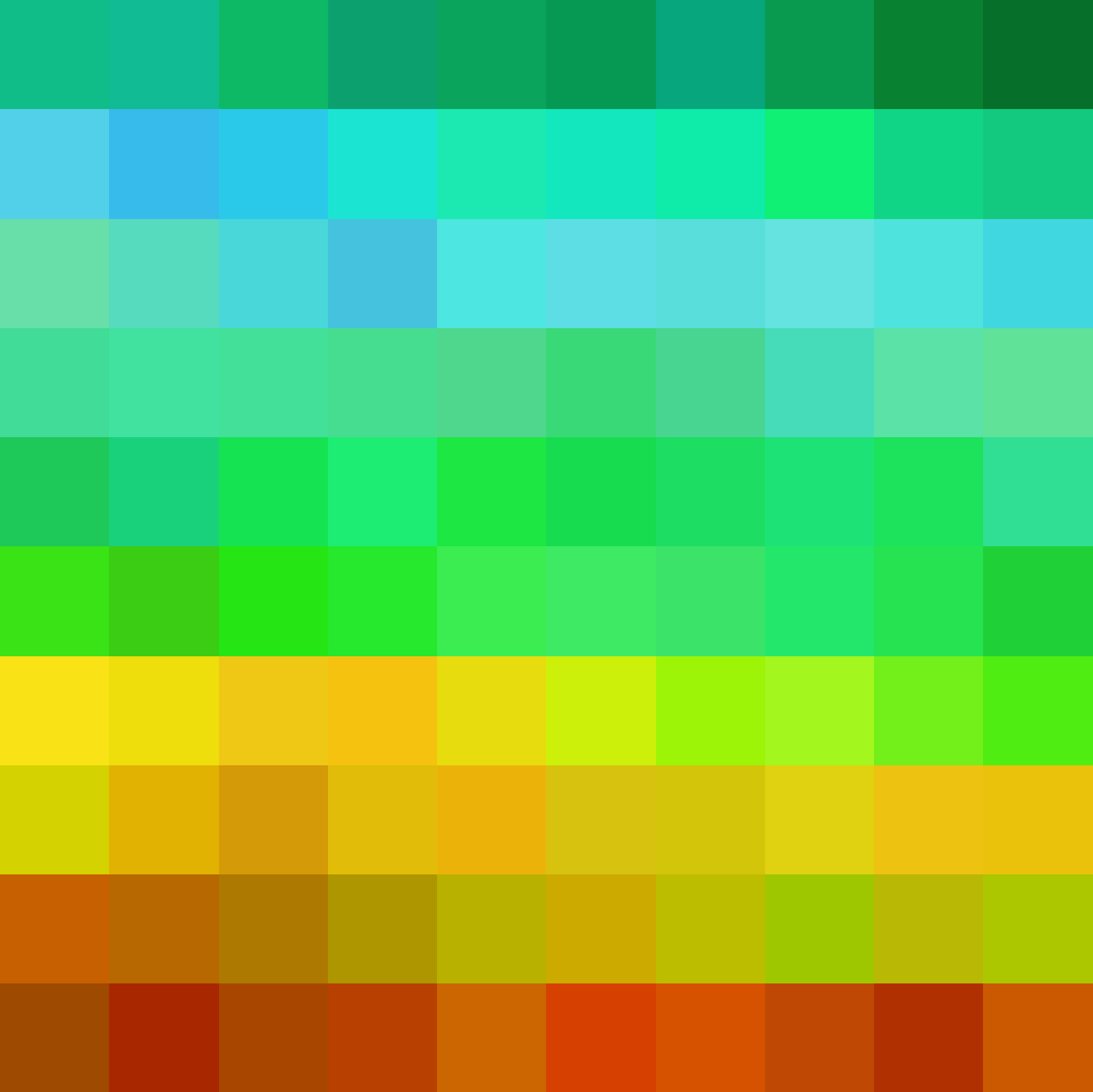There's a pixel gradient in this 7 by 7 grid. It is mostly magenta, and it also has quite some purple, some rose, and some red in it.
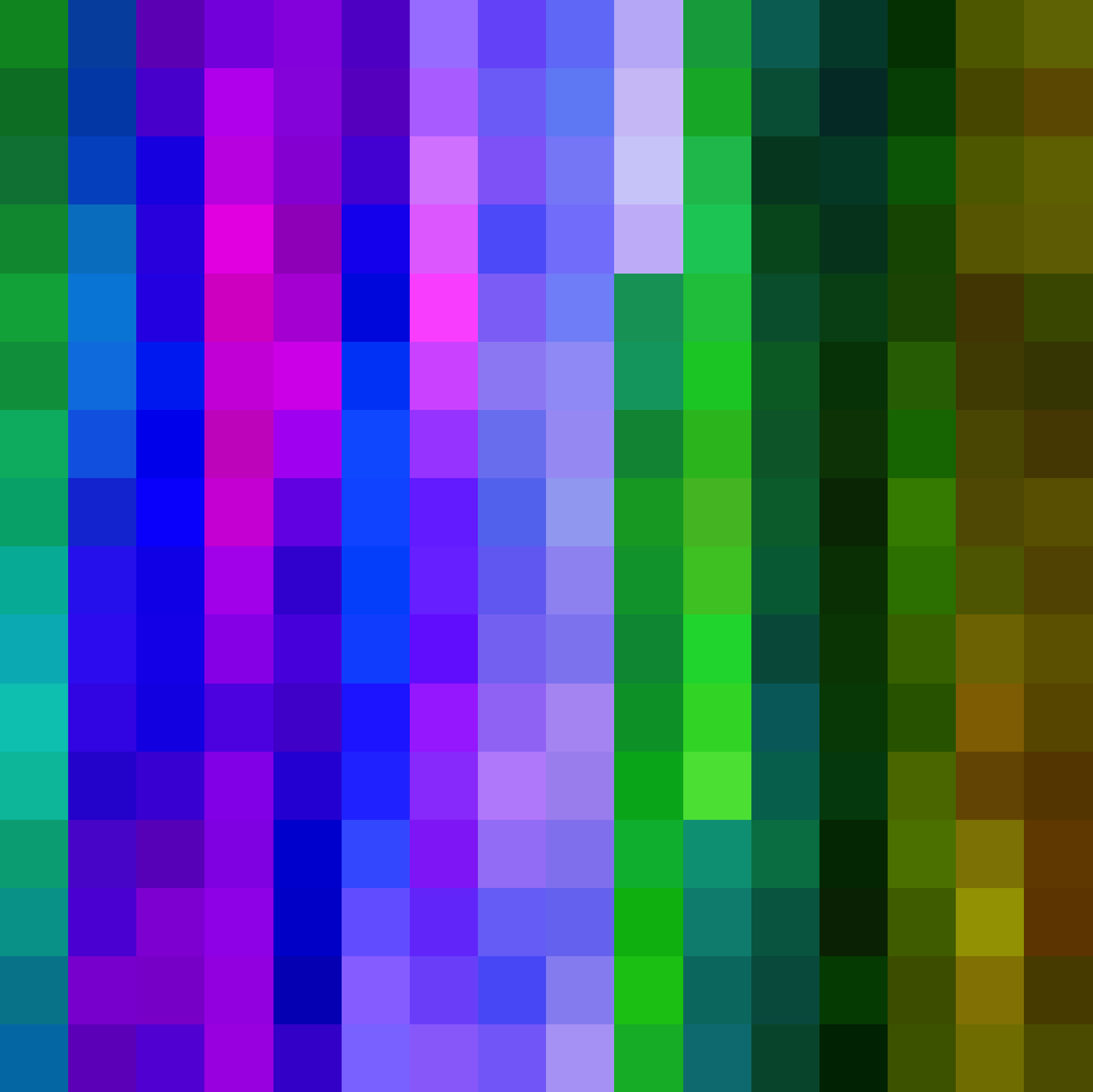
The very, very colourful gradient in this 16 by 16 pixel grid is mostly green, and it also has quite some indigo, some blue, a bit of yellow, a bit of purple, a bit of cyan, a little bit of violet, a little bit of magenta, a tiny bit of lime, and a tiny bit of orange in it.

A very, very colourful grid of 225 blocks. It's mostly magenta, and it also has some rose, some cyan, some green, some blue, a little bit of red, a tiny bit of purple, a tiny bit of indigo, and a tiny bit of violet in it.
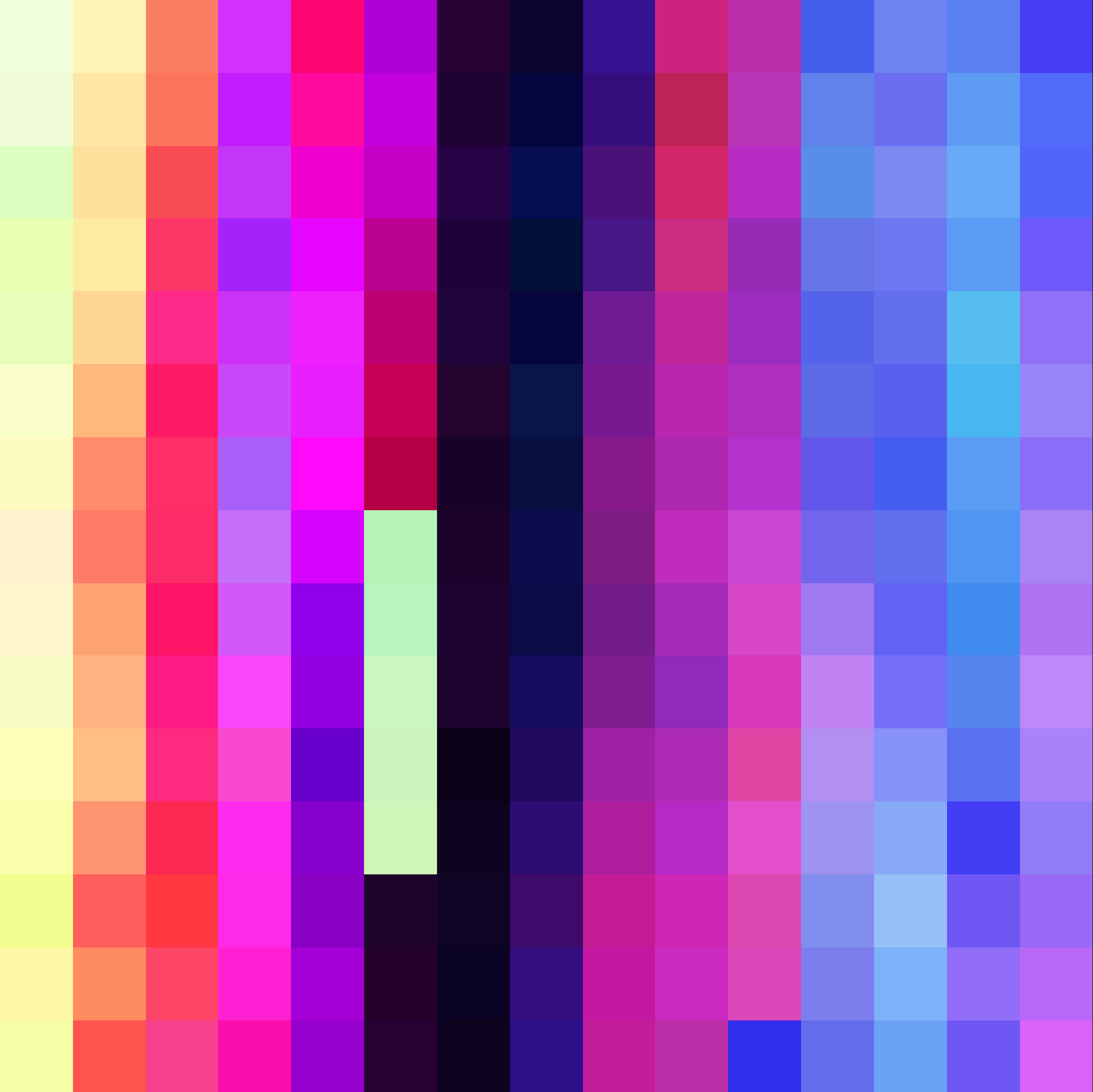
There's a very colourful pixel gradient in this 10 by 10 grid. It is mostly green, and it also has quite some yellow, some cyan, some orange, a tiny bit of blue, a tiny bit of lime, and a tiny bit of red in it.

There's a pixel gradient in this 9 by 9 grid. It is mostly red, but it also has a little bit of yellow, and a tiny bit of orange in it.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some orange, quite some green, and a bit of cyan in it.
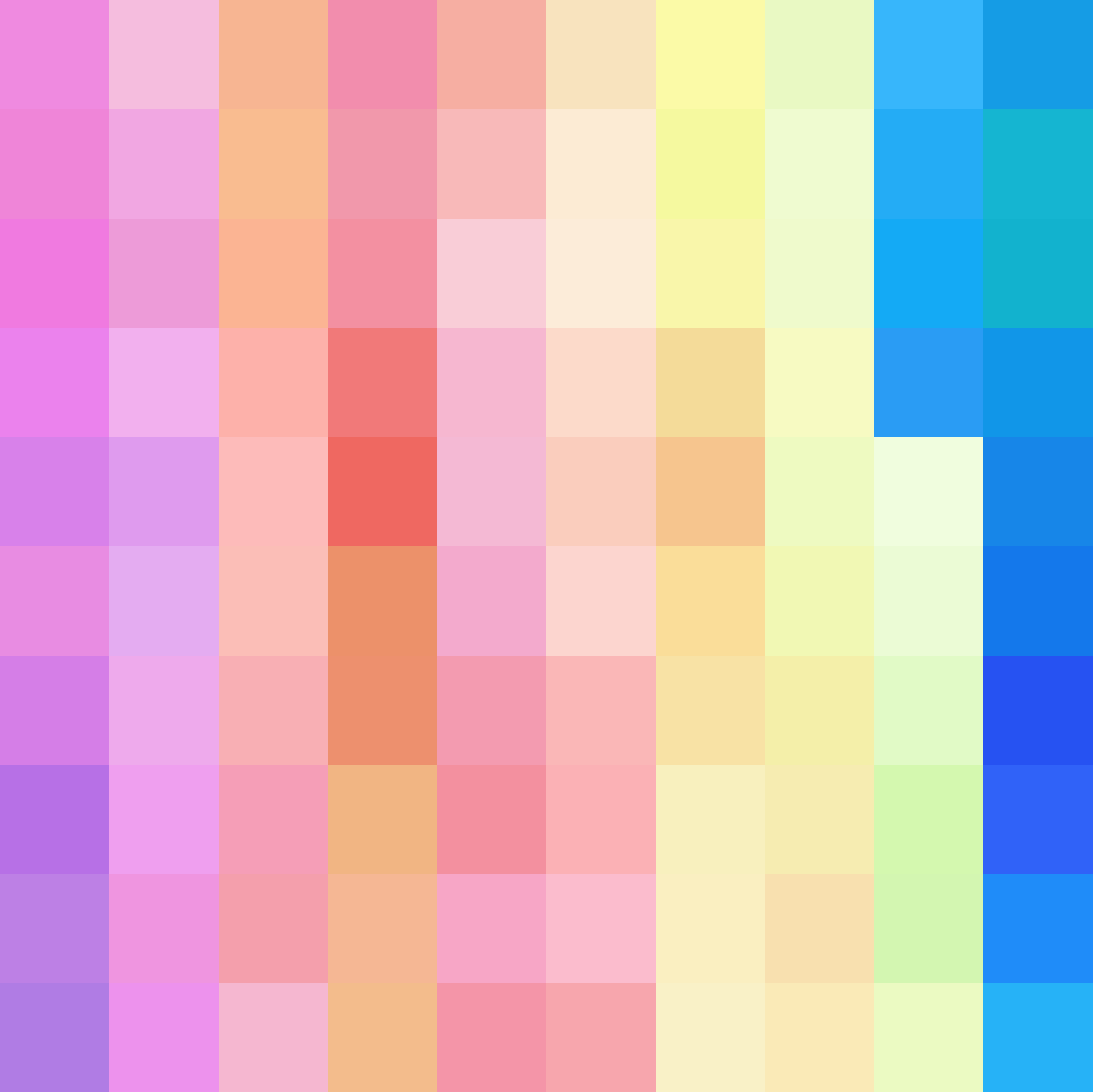
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly magenta, but it also has quite some blue, some purple, some indigo, a bit of red, a little bit of yellow, a little bit of violet, a little bit of green, a little bit of orange, a little bit of rose, and a tiny bit of lime in it.
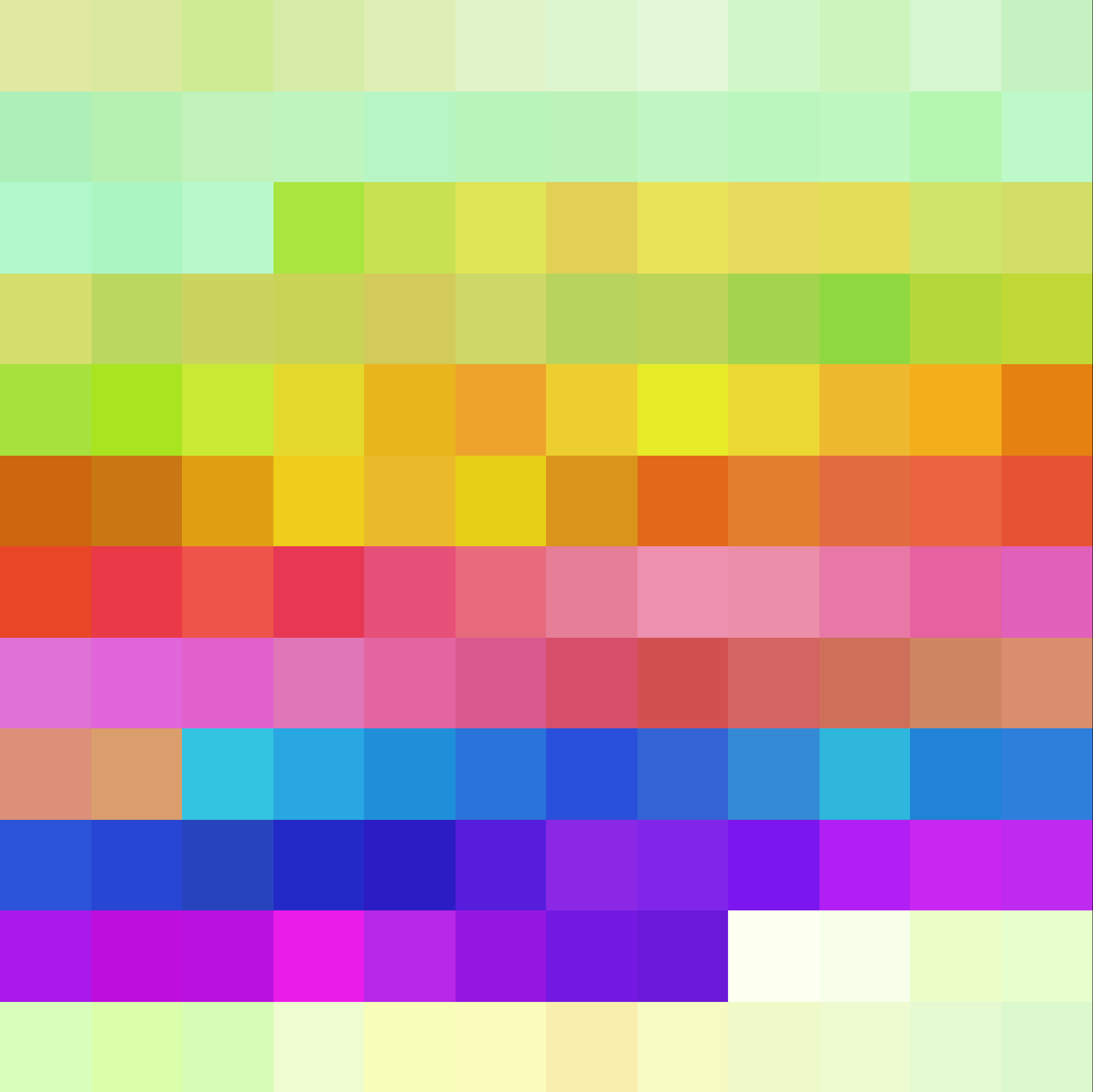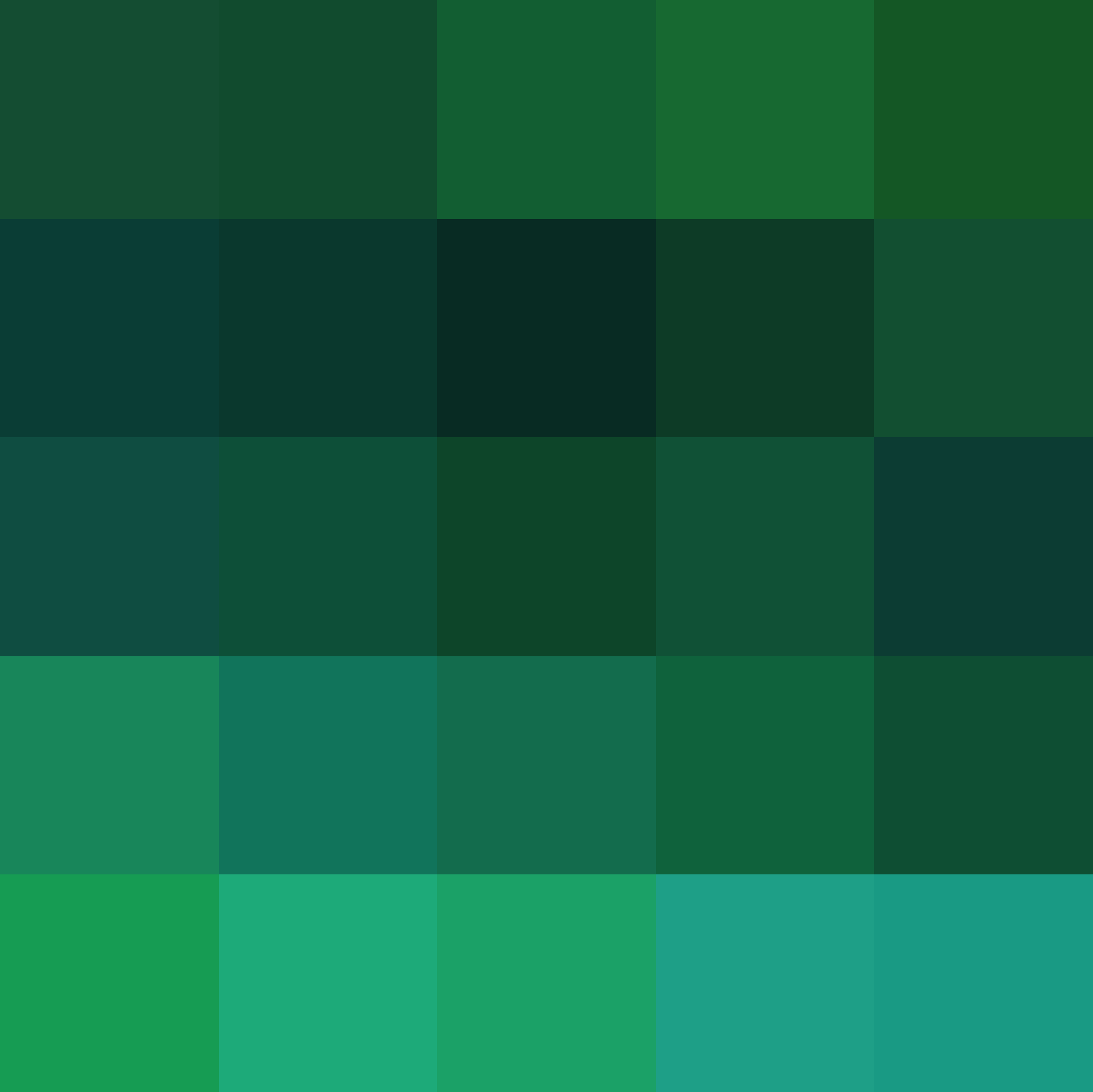
Here's a 12 by 12 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has some yellow, some red, some orange, a bit of lime, a bit of blue, a little bit of purple, a little bit of violet, a tiny bit of cyan, a tiny bit of indigo, and a tiny bit of magenta in it.
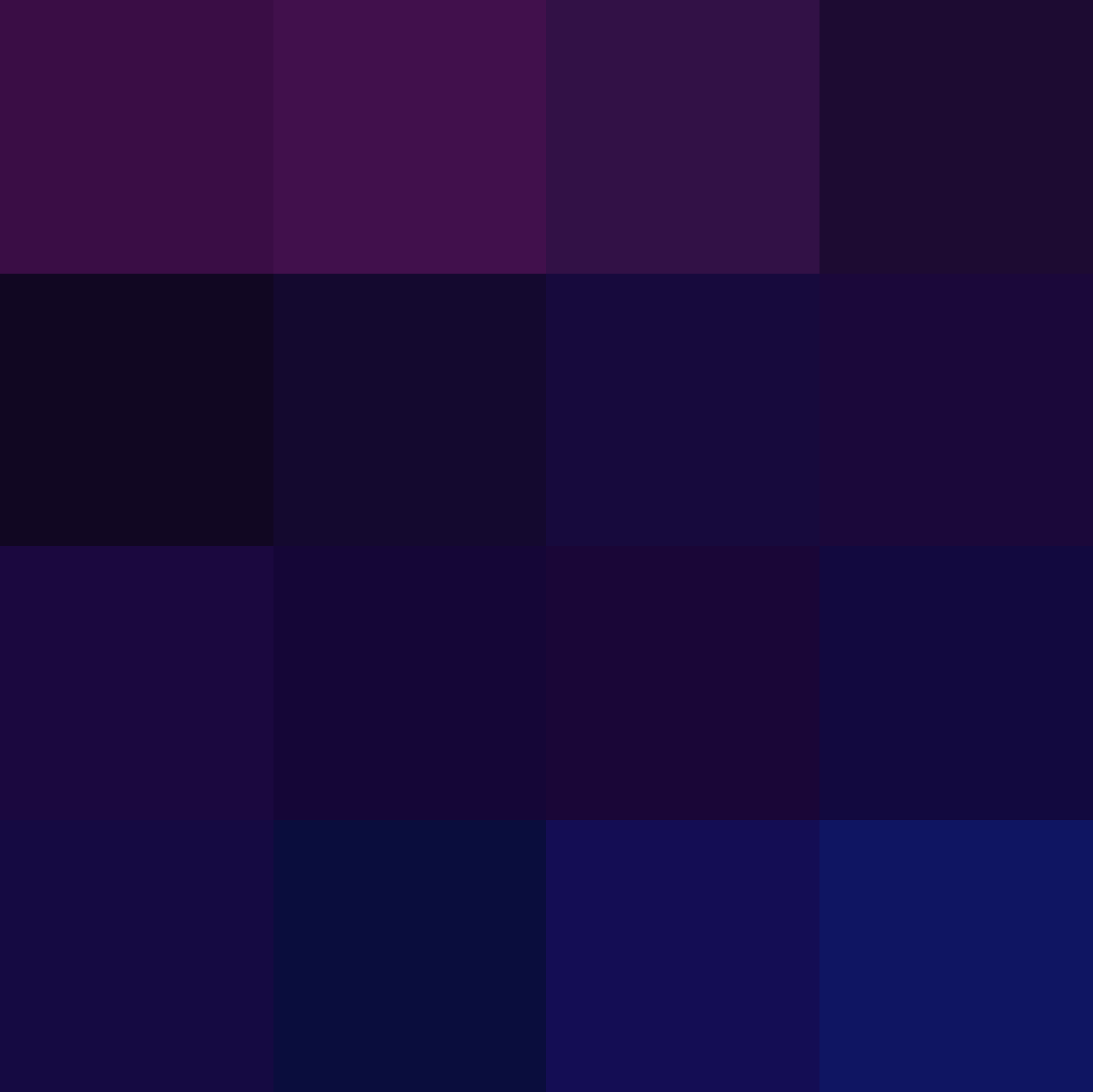
Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly purple, and it also has quite some green, some cyan, a bit of violet, a bit of indigo, a bit of blue, and a tiny bit of magenta in it.

This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly red, and it also has some orange, some magenta, some blue, a bit of yellow, a bit of rose, a little bit of purple, a little bit of lime, a little bit of green, a tiny bit of cyan, and a tiny bit of violet in it.

This two tone gradient, generated in this 5 by 5 pixel grid, is mostly green, but it also has quite some cyan in it.
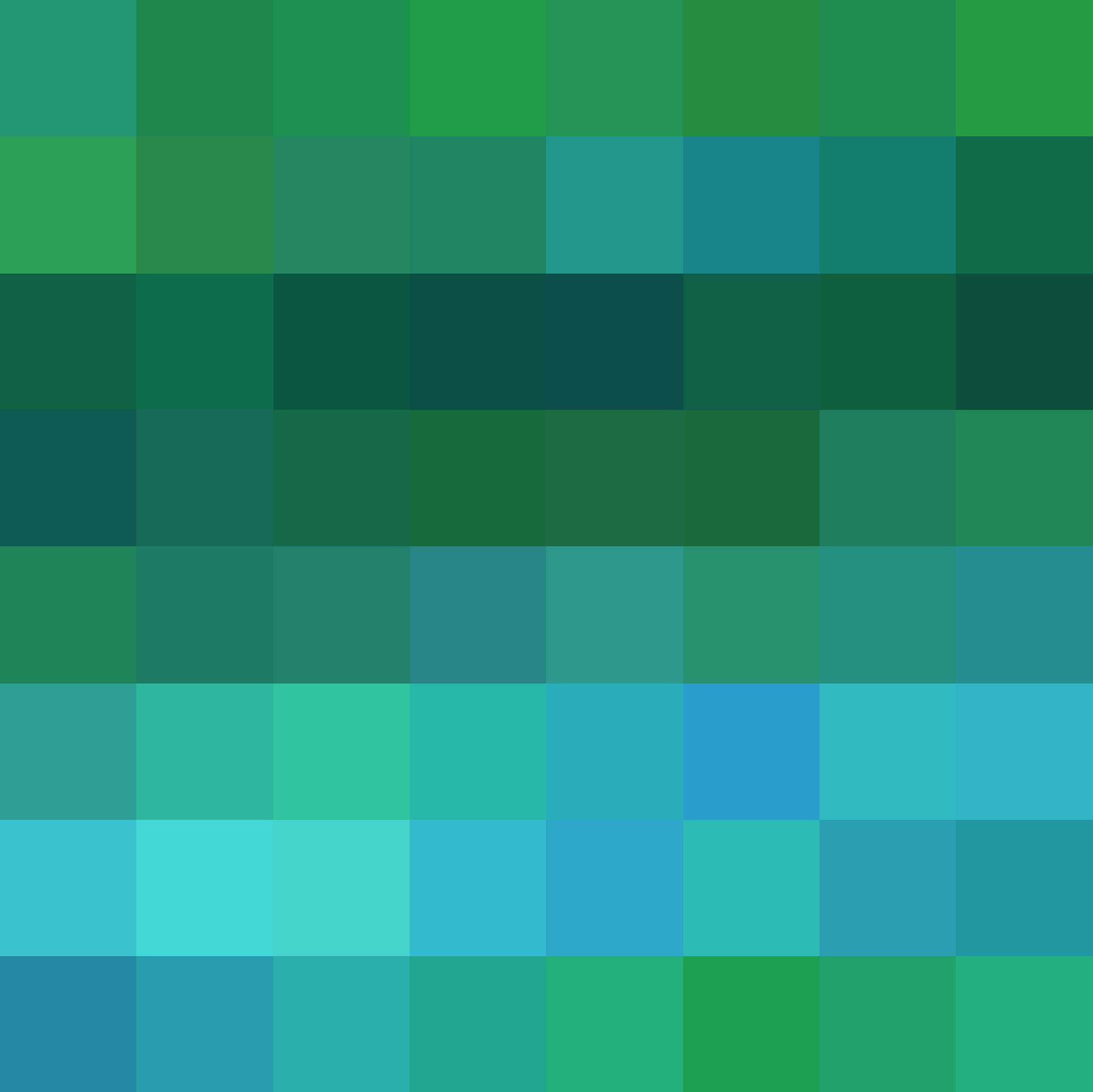
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly indigo, but it also has quite some violet, some purple, and some blue in it.
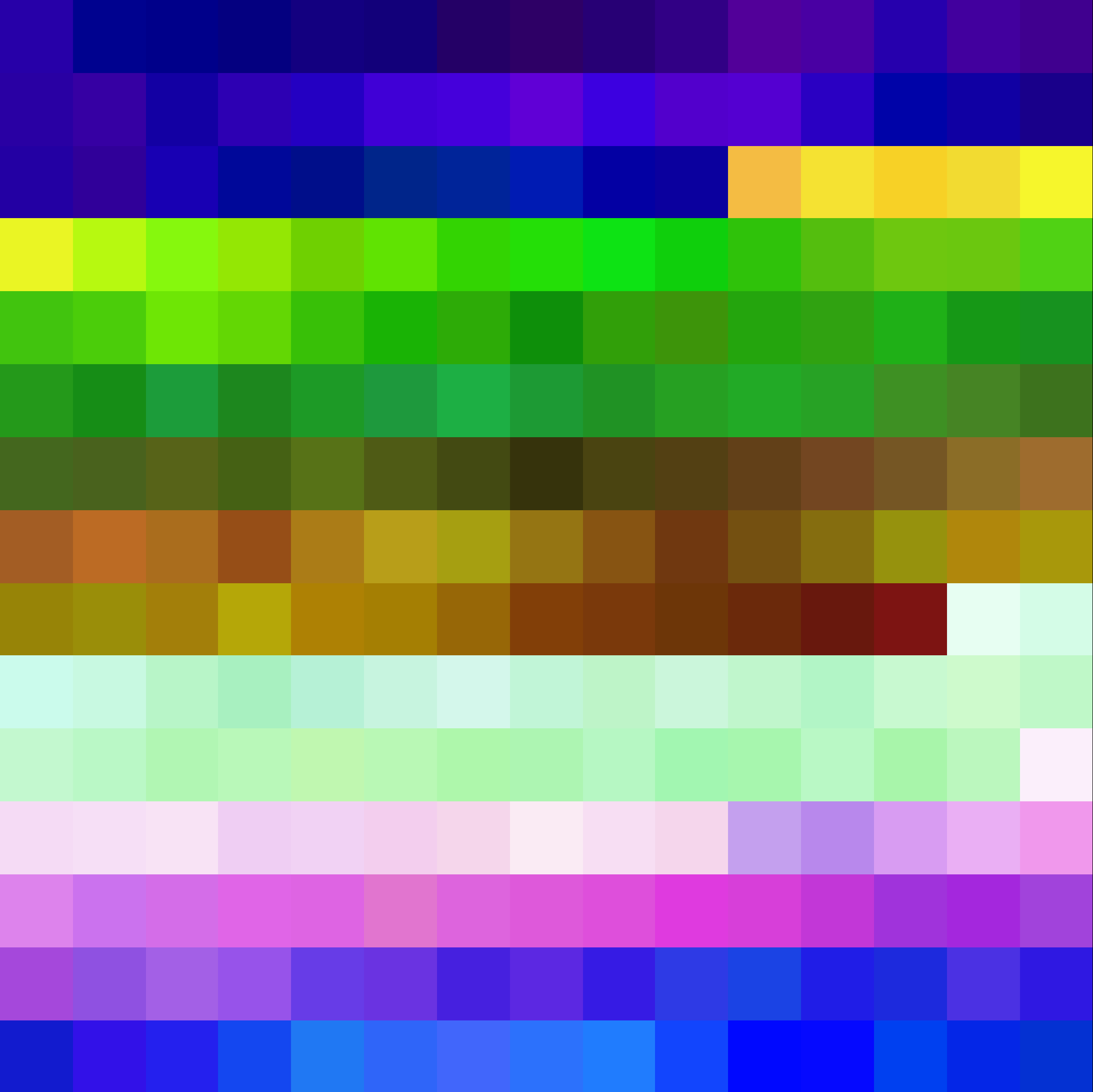
Here's a 14 by 14 pixelated grid that forms a gradient. It is mostly green, but it also has a little bit of lime, a little bit of yellow, and a tiny bit of cyan in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly indigo, but it also has quite some blue, some violet, some purple, some yellow, a little bit of green, a little bit of lime, a tiny bit of magenta, a tiny bit of red, a tiny bit of orange, and a tiny bit of cyan in it.
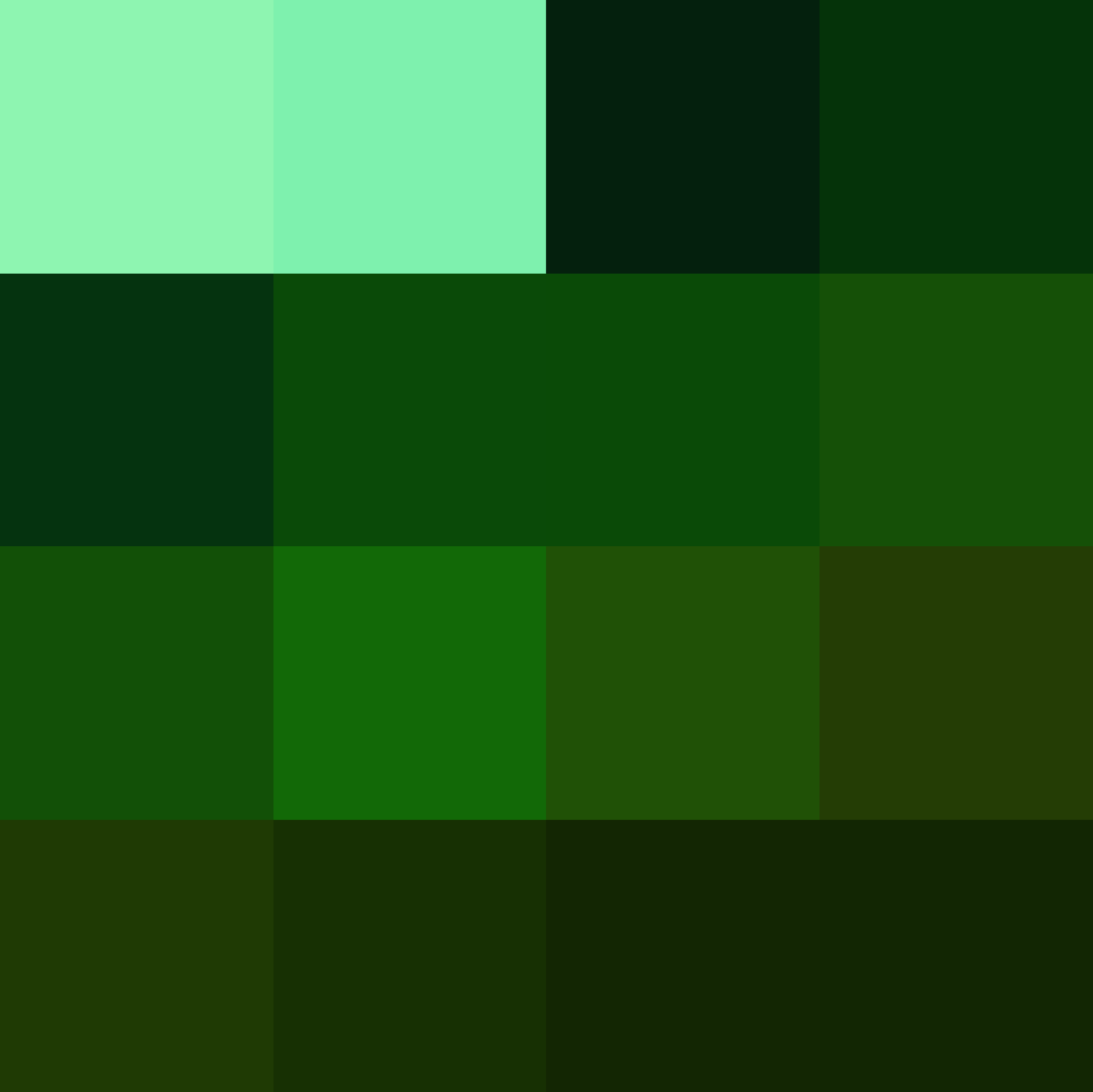
There's a pixel gradient in this 8 by 8 grid. It is mostly cyan, but it also has a lot of green, and a tiny bit of blue in it.

Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has some indigo, some blue, a bit of orange, a bit of magenta, a bit of yellow, a little bit of violet, a little bit of purple, a tiny bit of lime, and a tiny bit of red in it.
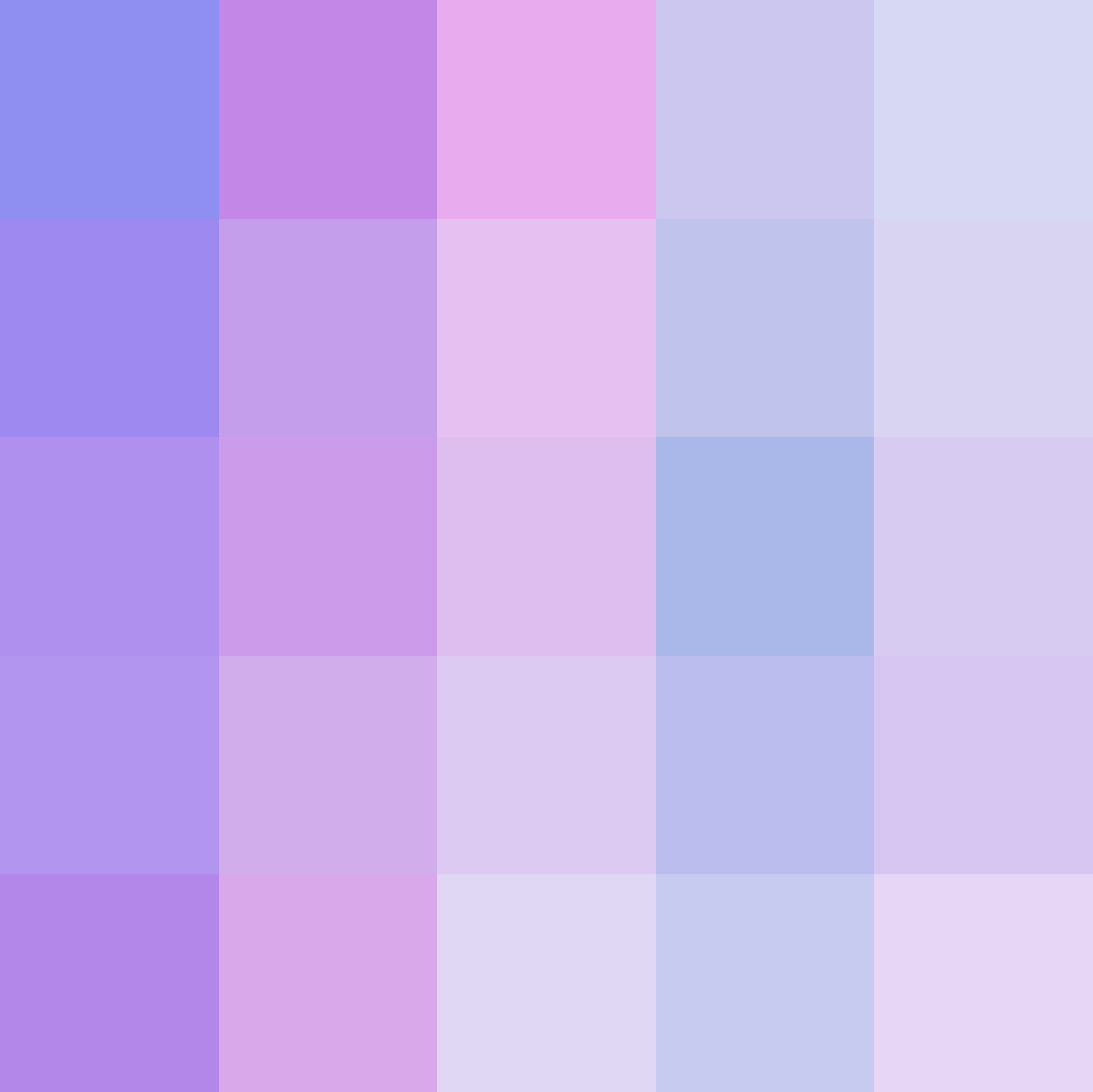
A 5 by 5 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly indigo, but it also has quite some purple, quite some violet, quite some blue, and a little bit of magenta in it.

A 4 by 4 grid with coloured squares that form a monochrome gradient. The colours are various shades of green.
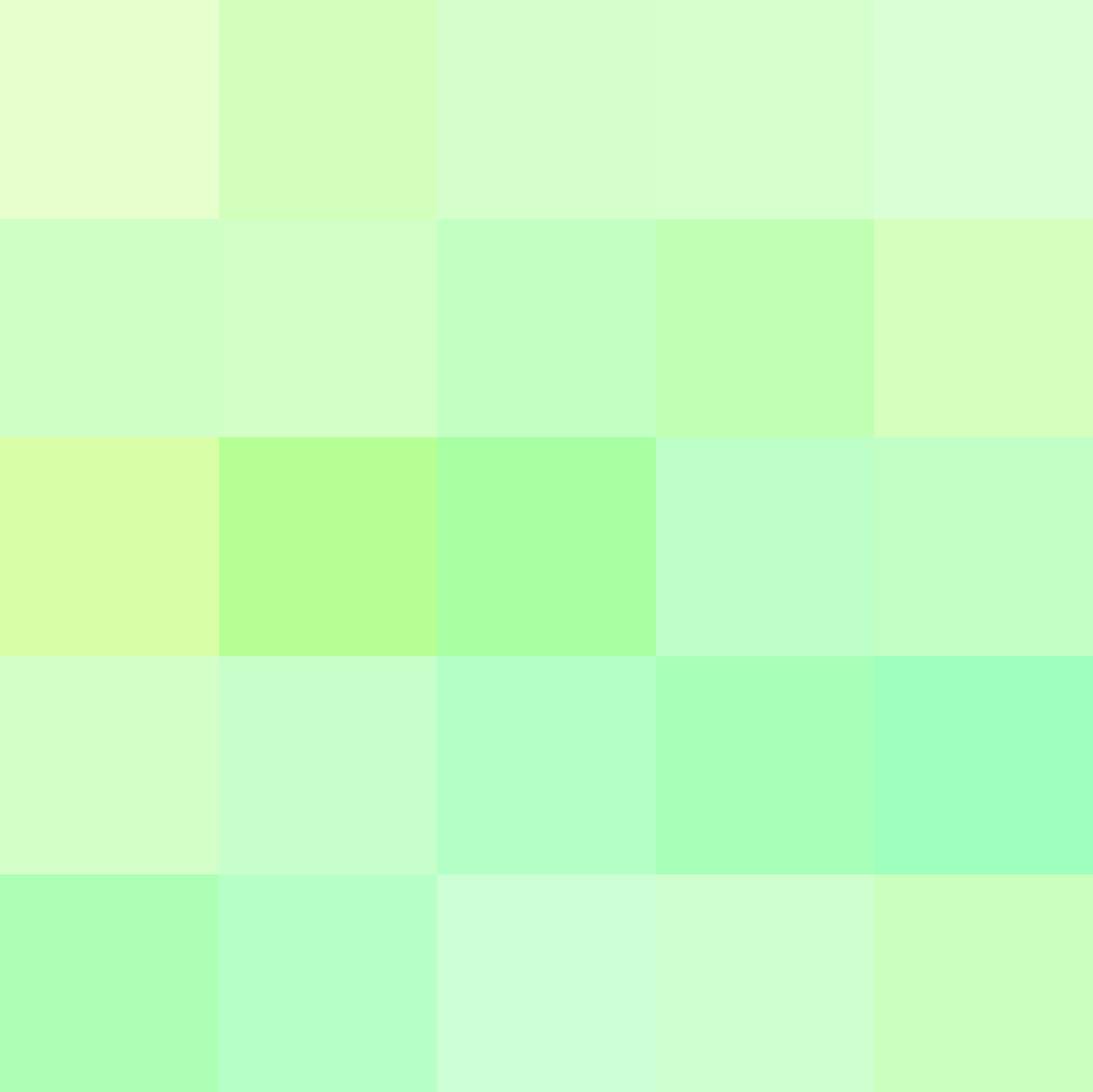
A monochrome grid of 25 blocks. It's green.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly blue, and it also has quite some red, a bit of cyan, a bit of rose, a bit of indigo, a bit of purple, a bit of orange, a little bit of magenta, a little bit of violet, a tiny bit of yellow, and a tiny bit of green in it.

I sent an enormous batch of images that my—handwritten—algorithms had generated over the years to my friend Daan Rongen. He passed them through a GAN, a so called *generative adversarial network*, a clever form of *machine learning*. The next few days we marvelled at the images it came up with. Some of the images that his machine generated inspired me to write a new algorithm—by hand—that generates these *pixel gradients* you can find in this book.

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