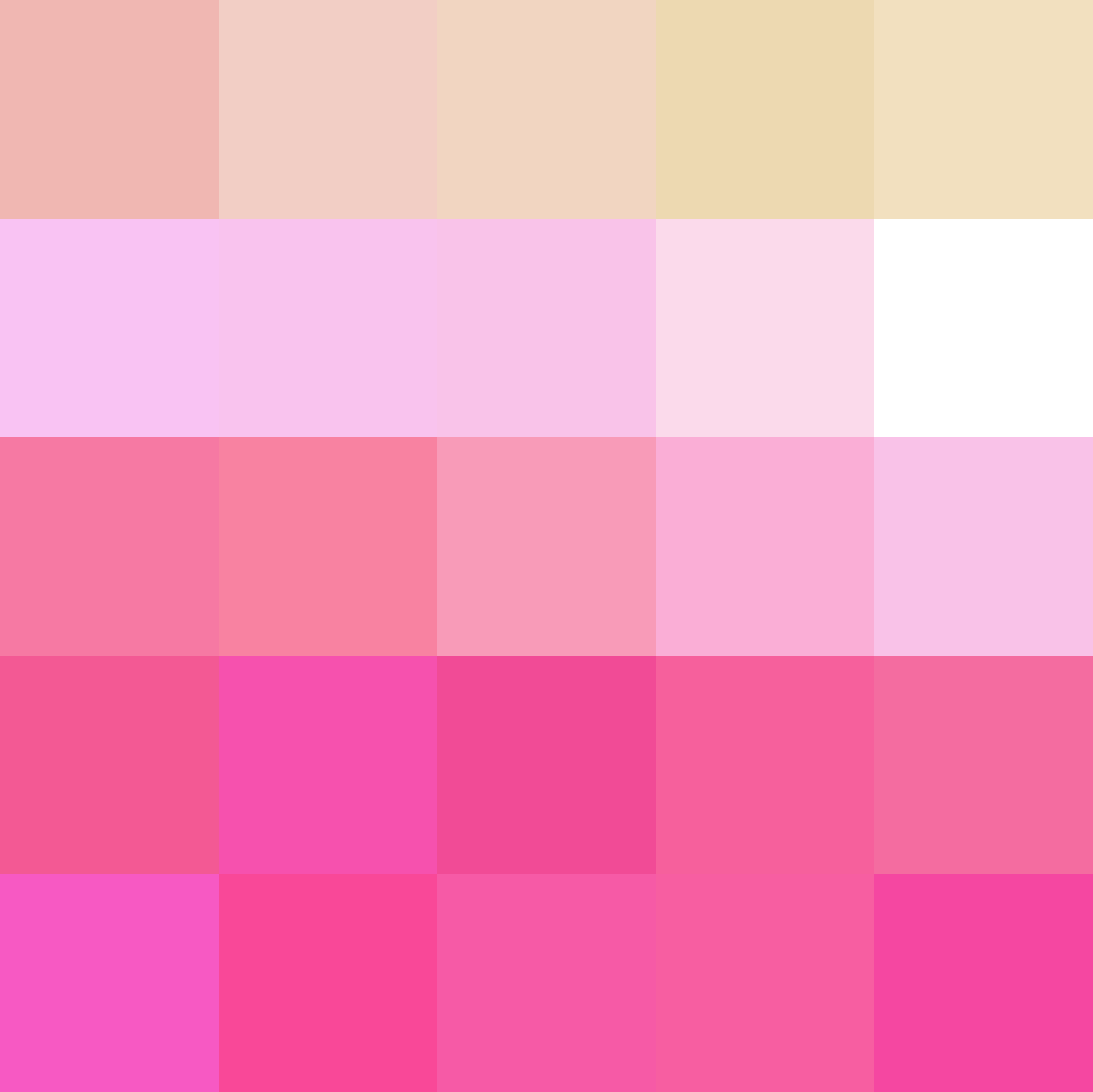# 100 random pixel gradients

Vasilis van Gemert – 19-11-2023

A grid of 25 blocks. It's mostly rose, and it also has quite some magenta, some orange, and a bit of red in it.

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some cyan, quite some blue, and a bit of indigo in it.

A grid of 144 blocks. It's mostly green, and it also has quite some yellow, some lime, and a tiny bit of orange in it.
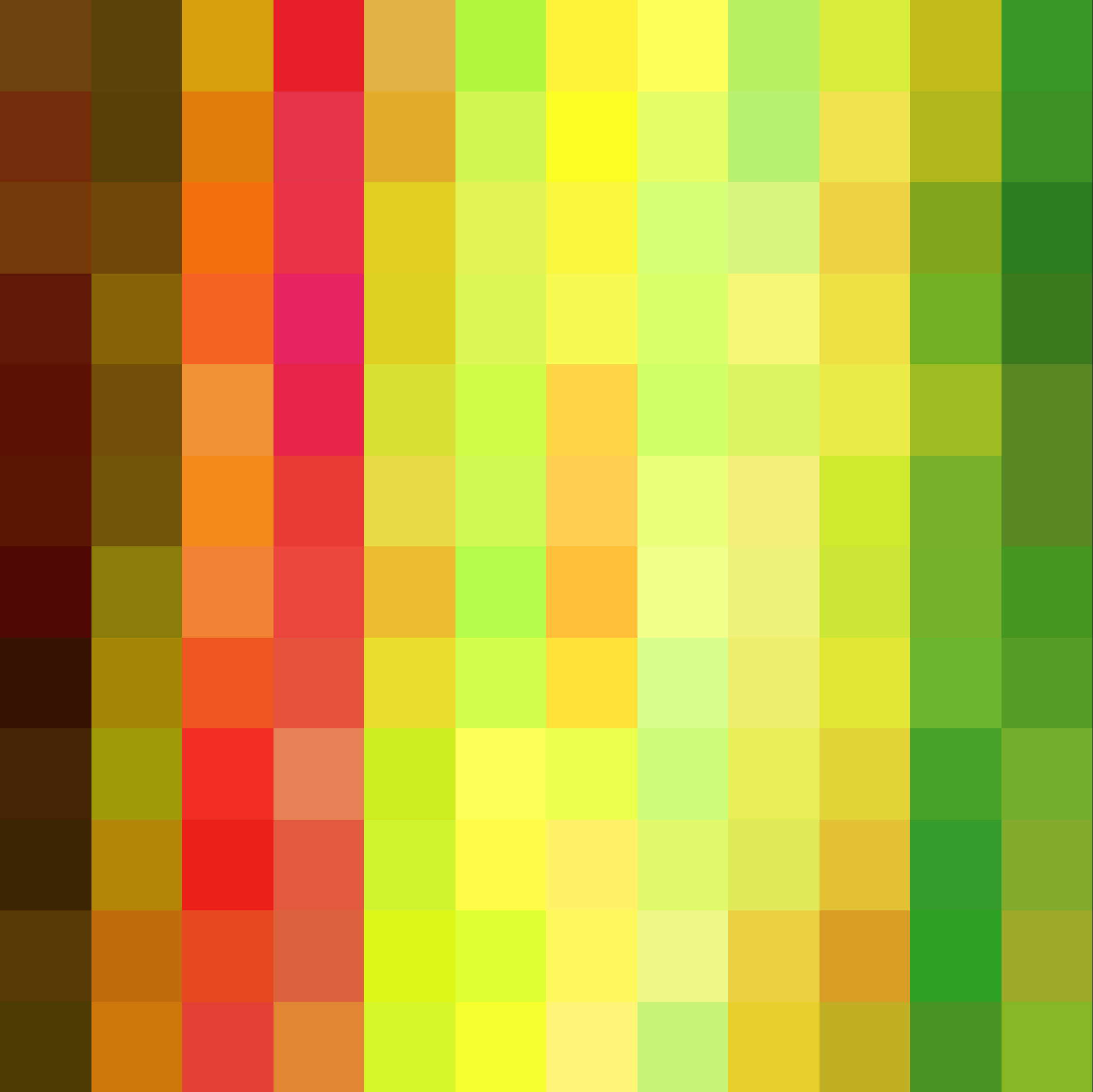
This colourful gradient, generated in this 12 by 12 pixel grid, is mostly yellow, but it also has quite some orange, some green, some red, and a bit of lime in it.
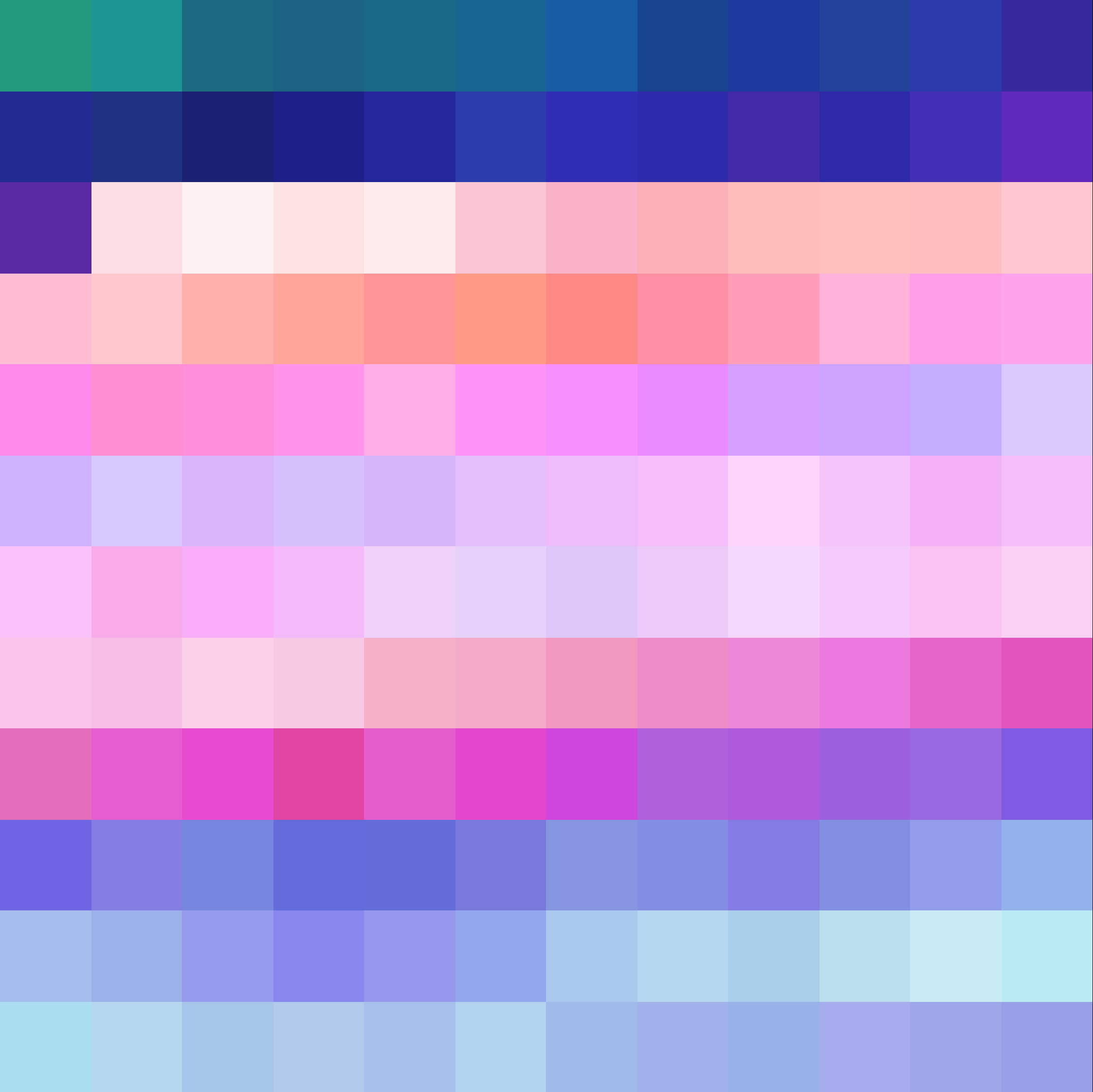
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has quite some magenta, some red, a bit of indigo, a bit of violet, a bit of rose, a little bit of purple, and a little bit of cyan in it.
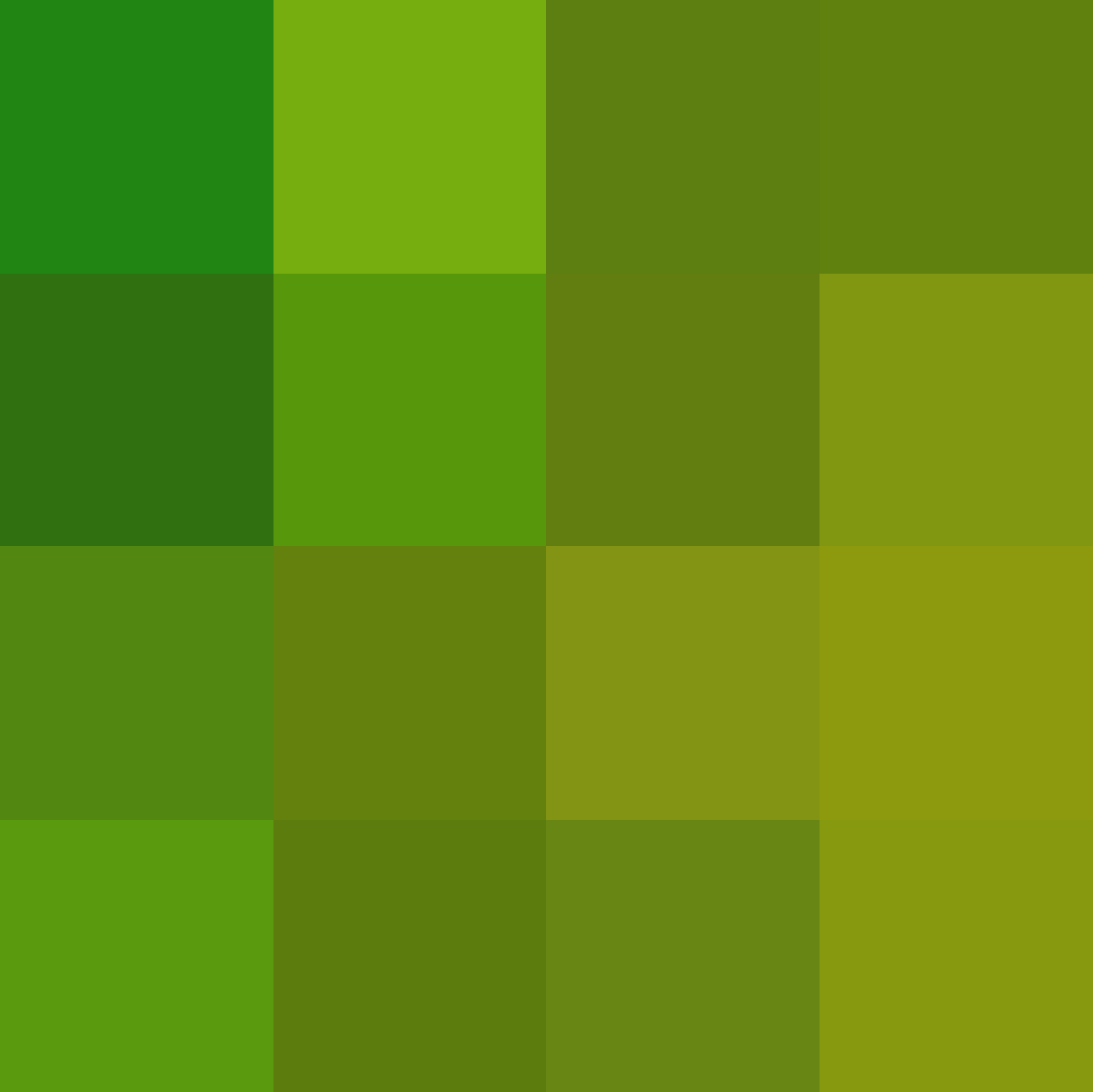
The gradient in this 4 by 4 pixel grid is mostly green, and it also has quite some lime, and quite some yellow in it.

A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly red, and it also has some magenta, some purple, some rose, some orange, a bit of violet, and a little bit of indigo in it.
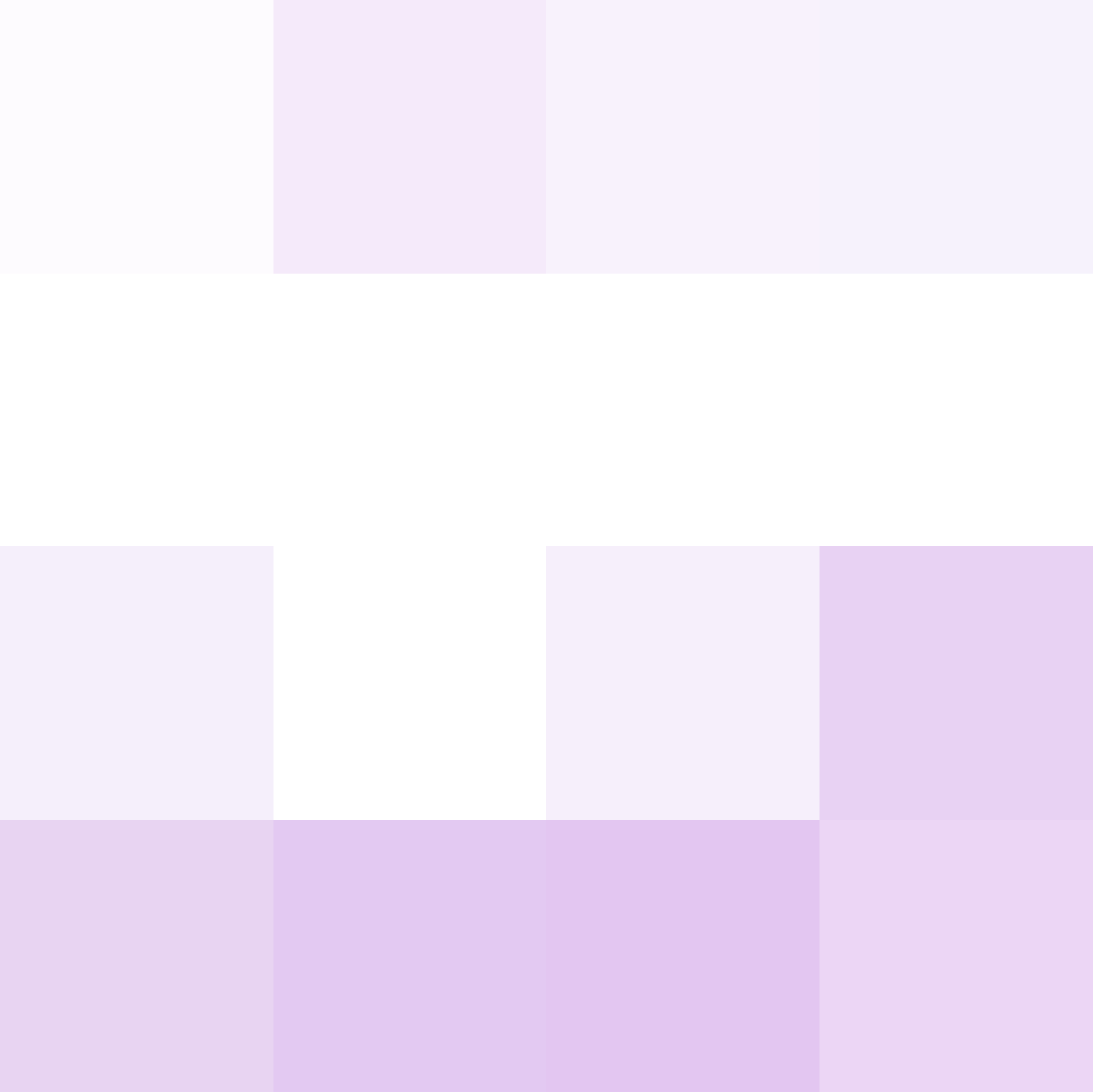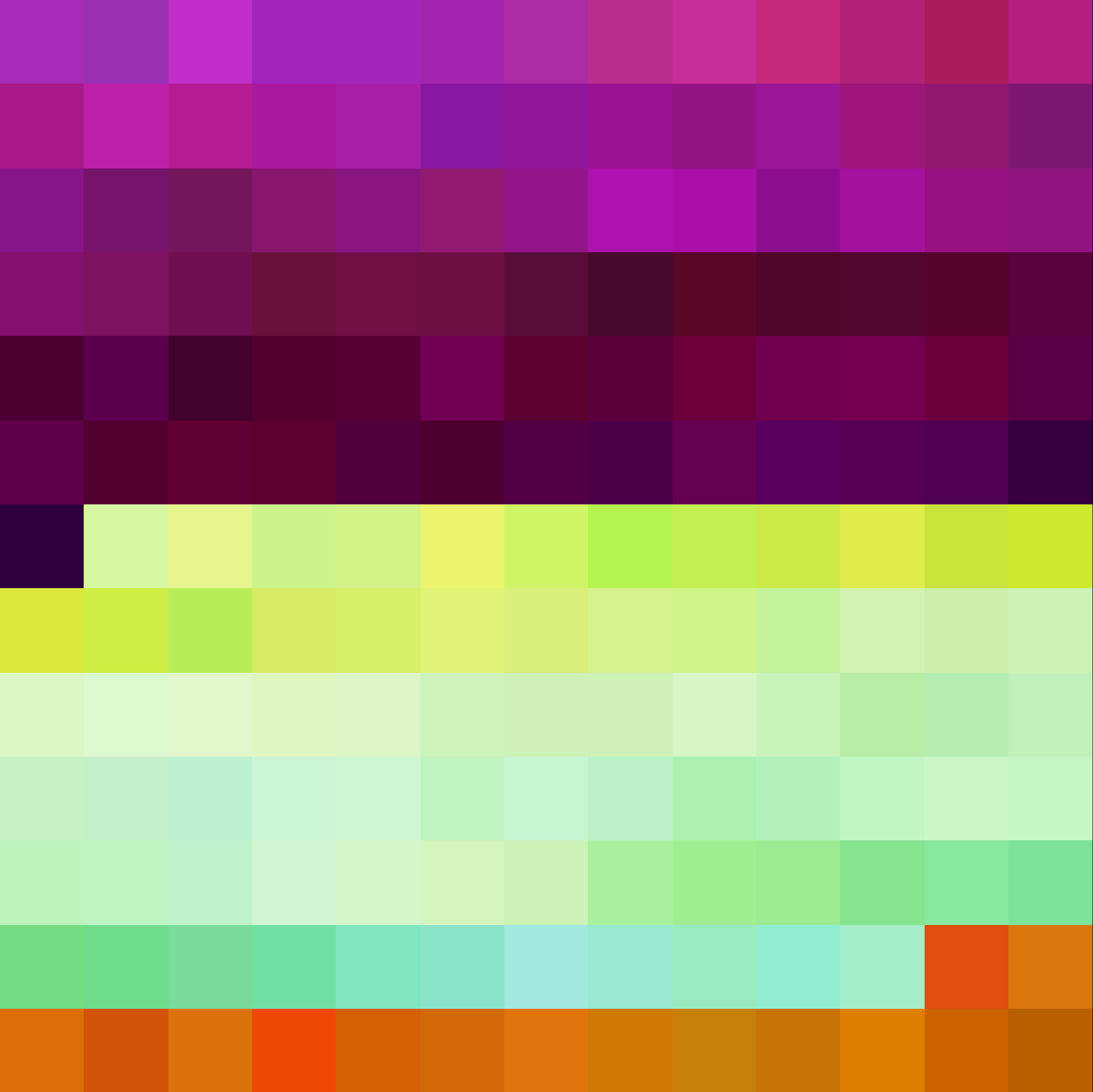
The gradient in this 8 by 8 pixel grid is mostly purple, and it also has quite some magenta, and quite some rose in it.

Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly green, and it also has quite some orange, some lime, some yellow, and some red in it.

A grid of 16 blocks. It's mostly purple, and it also has some violet, and some indigo in it.

The very, very colourful gradient in this 13 by 13 pixel grid is mostly magenta, but it also has quite some green, a bit of orange, a bit of rose, a little bit of yellow, a little bit of lime, a little bit of purple, and a tiny bit of cyan in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly red, and it also has some yellow, some orange, some magenta, a bit of purple, a little bit of rose, a little bit of green, a tiny bit of lime, a tiny bit of violet, and a tiny bit of indigo in it.
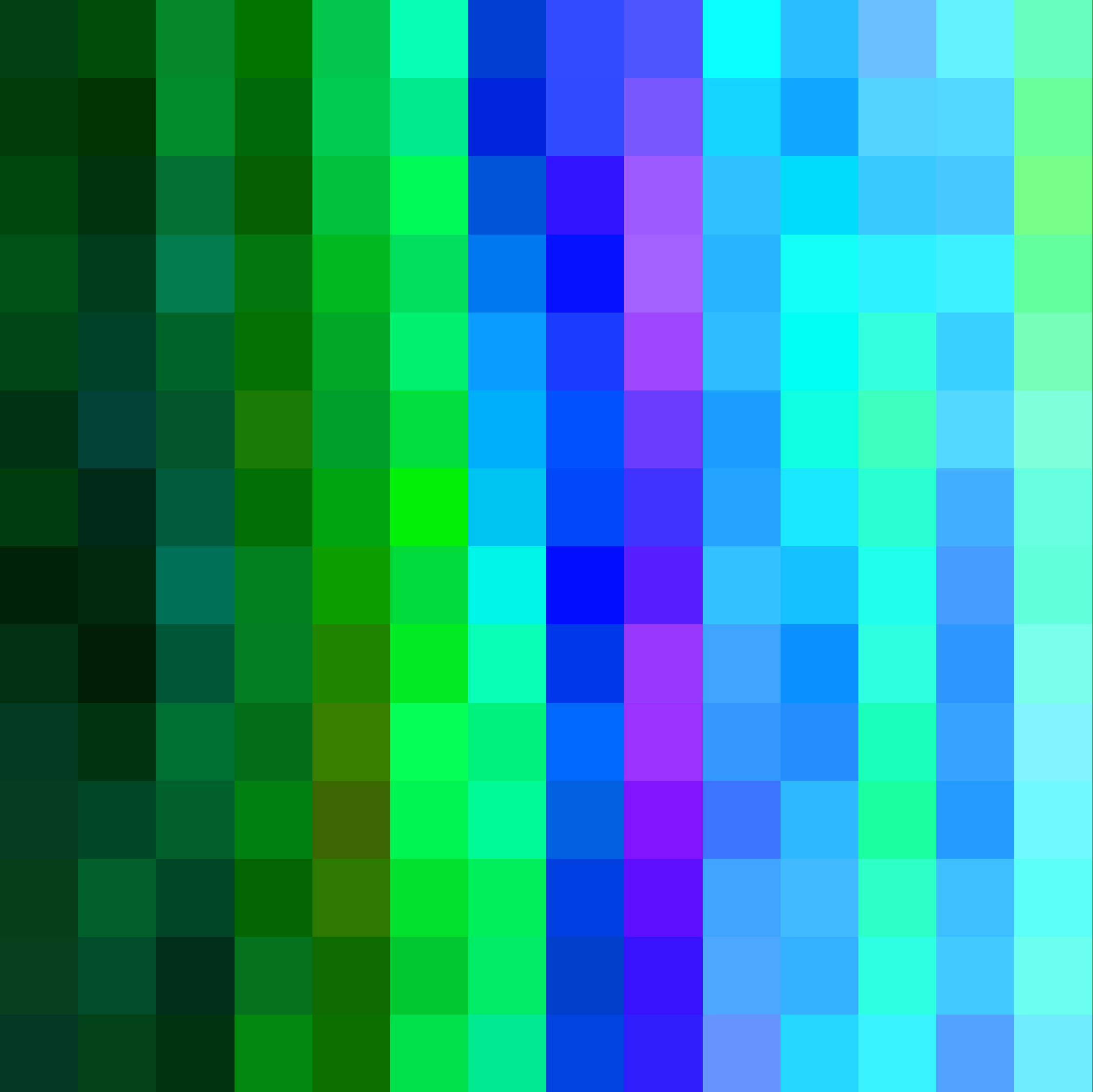
This very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, but it also has quite some blue, some cyan, a little bit of indigo, a little bit of violet, and a tiny bit of purple in it.

This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly rose, and it also has quite some magenta, some purple, a bit of red, a bit of green, a little bit of indigo, a little bit of blue, and a little bit of violet in it.
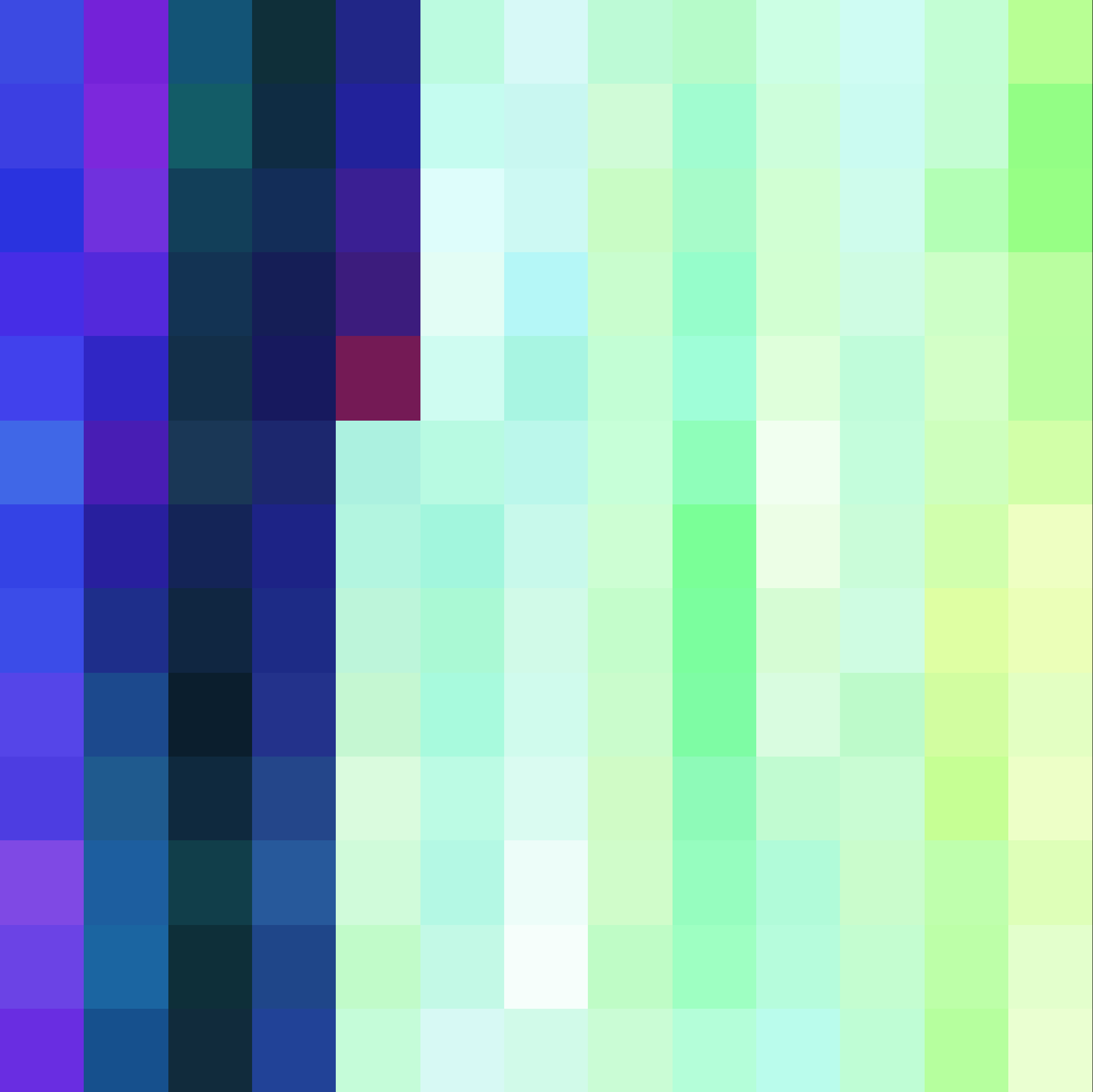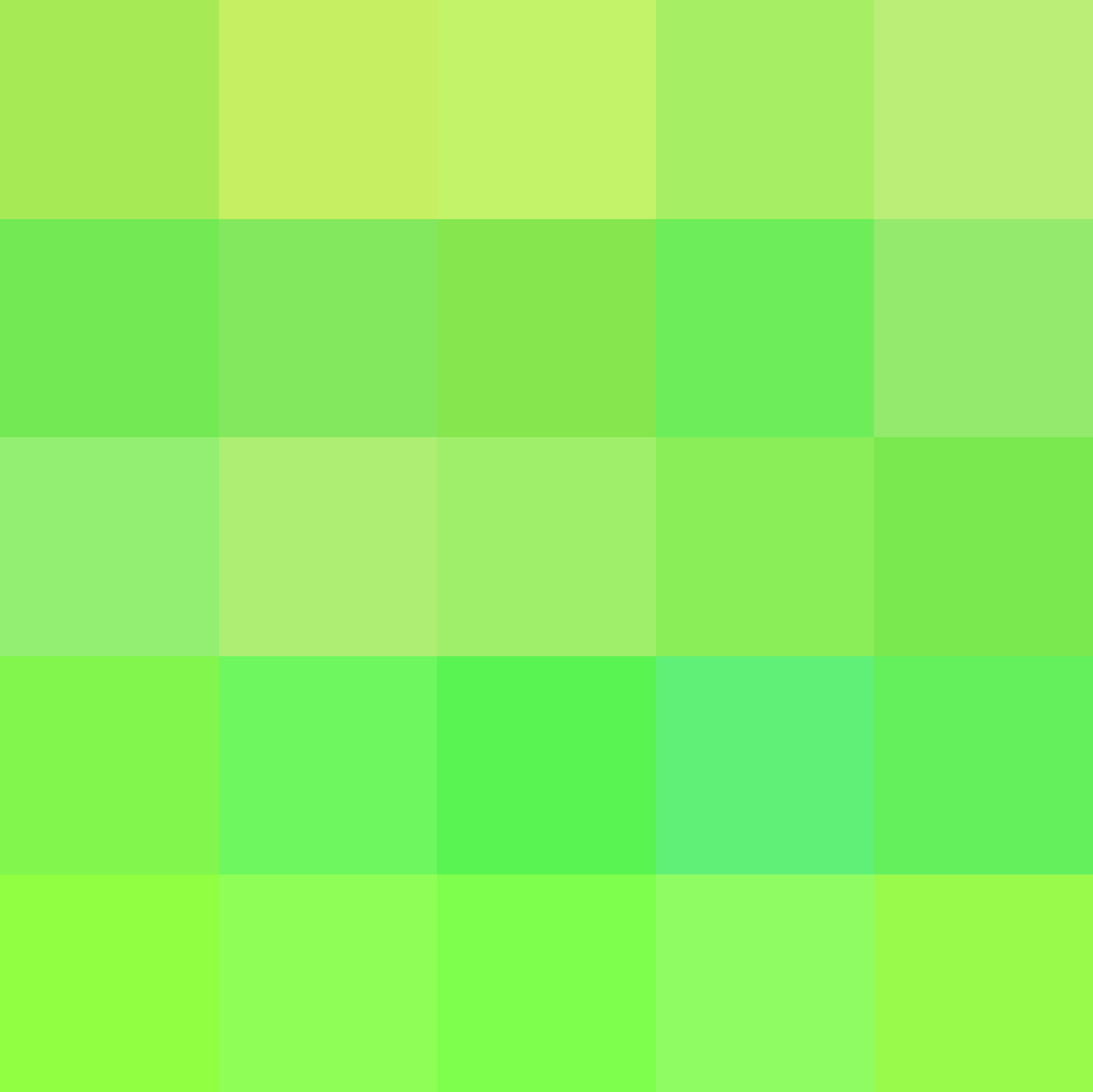
A grid with 169 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, a bit of cyan, a bit of indigo, a tiny bit of violet, a tiny bit of lime, and a tiny bit of magenta in it.
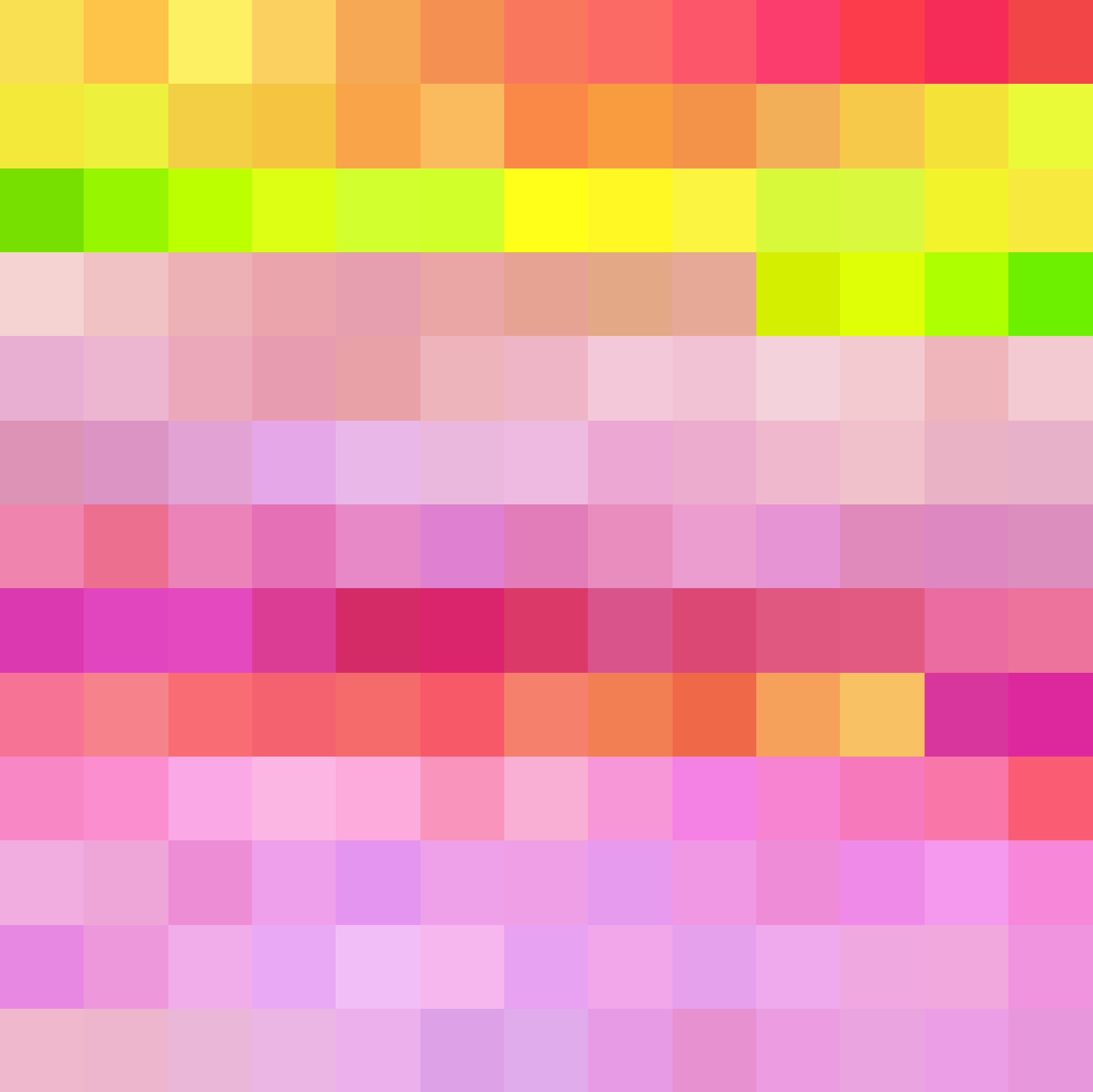
A very colourful grid of 144 blocks. It's mostly green, but it also has some orange, some yellow, some red, a little bit of lime, and a tiny bit of cyan in it.

There's a two tone pixel gradient in this 5 by 5 grid. It is mostly green, and it also has a little bit of lime in it.

A 13 by 13 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has a bit of yellow, a bit of orange, a tiny bit of lime, and a tiny bit of green in it.
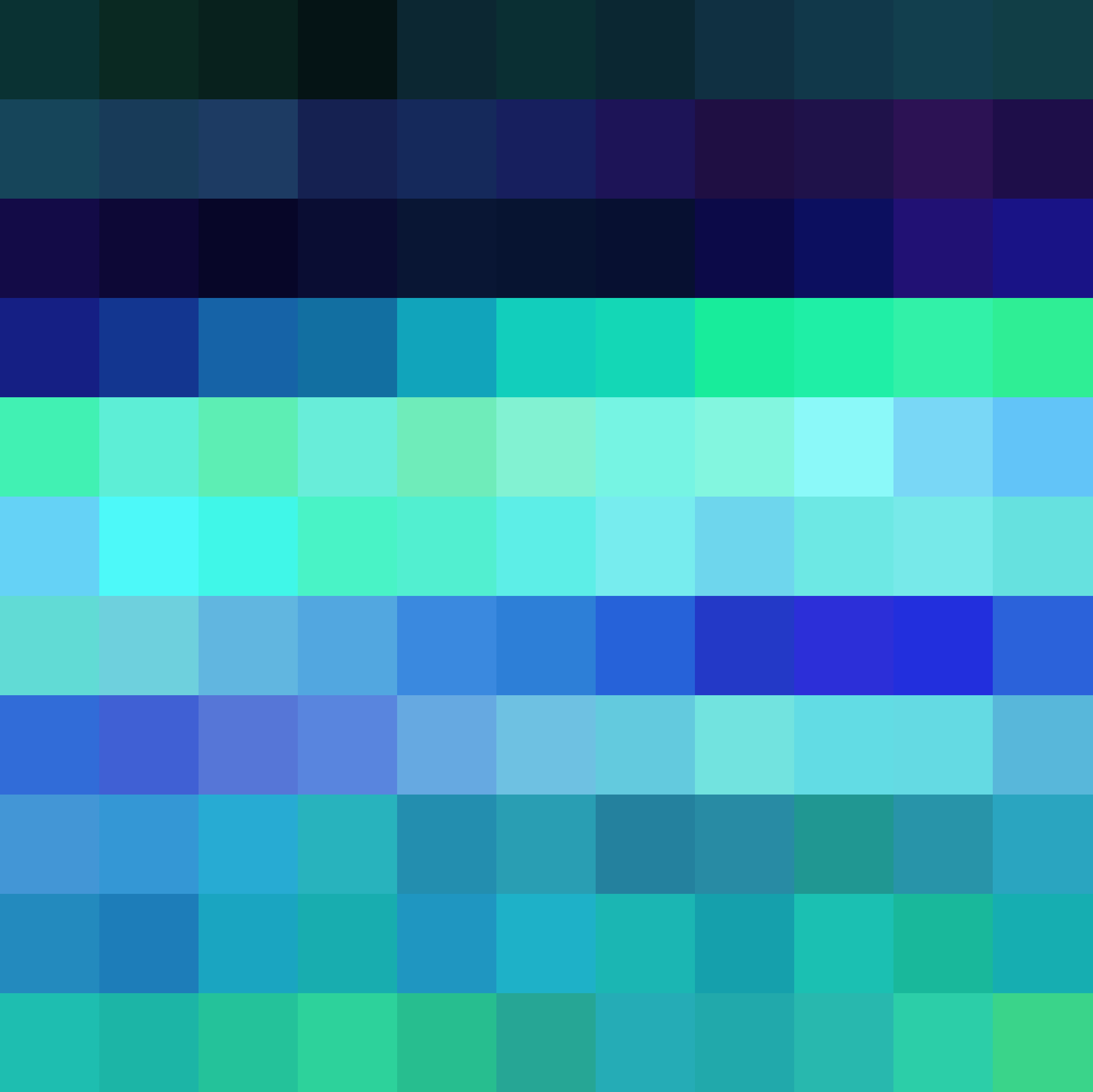
Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly cyan, and it also has quite some blue, a bit of green, a bit of indigo, and a tiny bit of violet in it.

The cells in this 8 by 8 pixel grid form a two tone gradient. It is mostly green, and it also has some cyan in it.
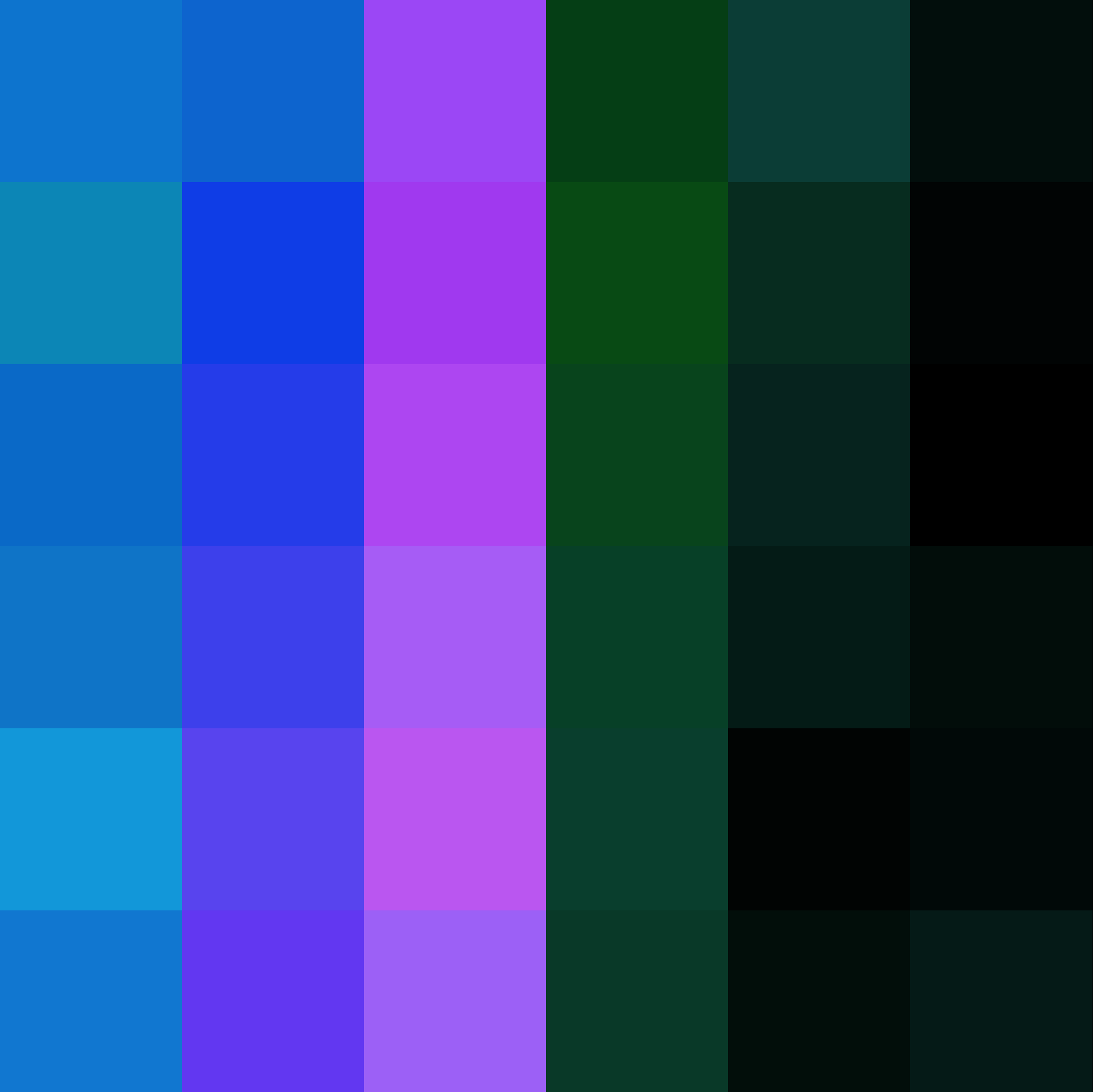
Here's a 6 by 6 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has quite some green, quite some cyan, a bit of violet, a bit of purple, and a little bit of indigo in it.
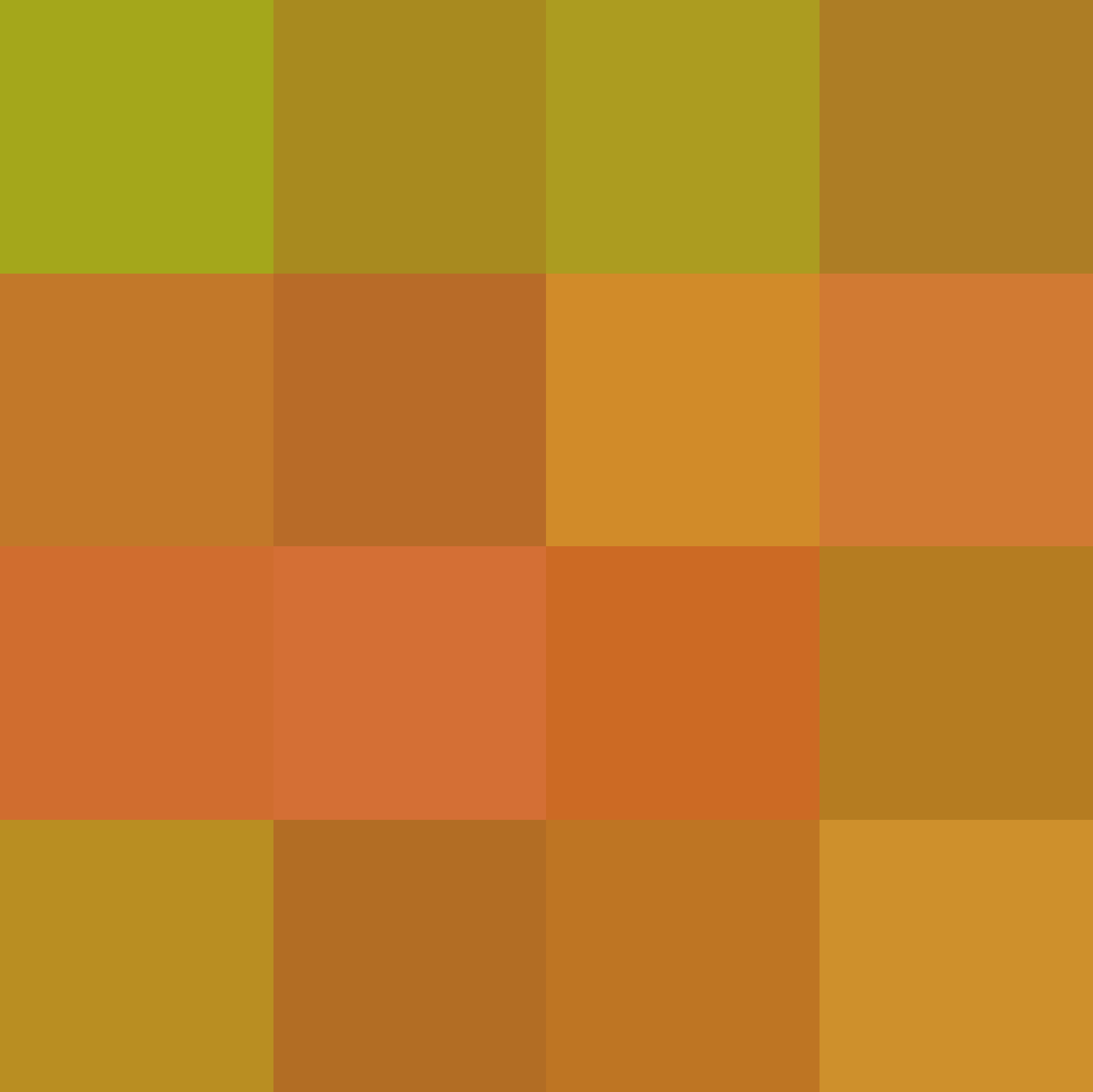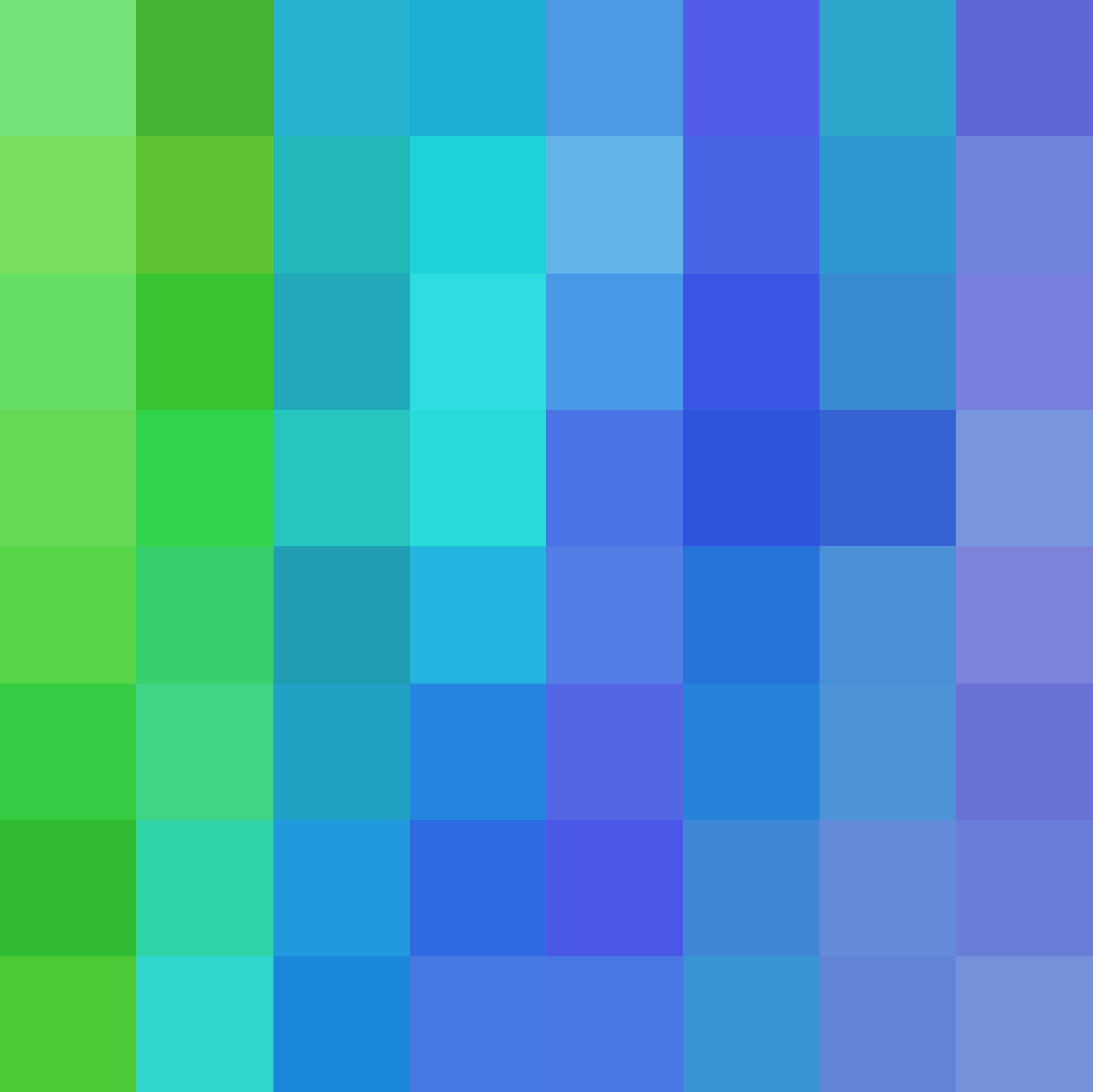
There's a two tone pixel gradient in this 4 by 4 grid. It is mostly orange, and it also has some yellow in it.
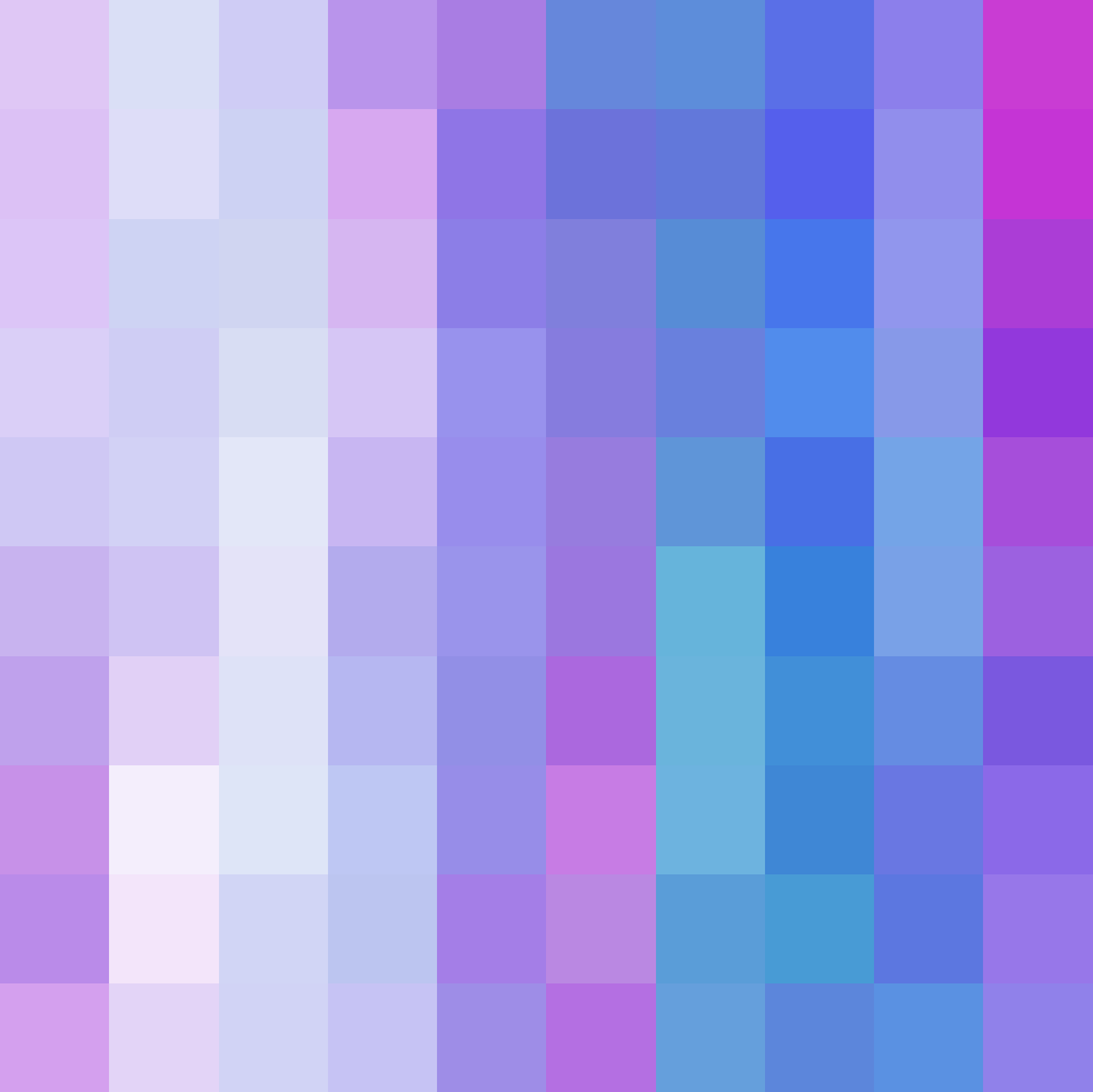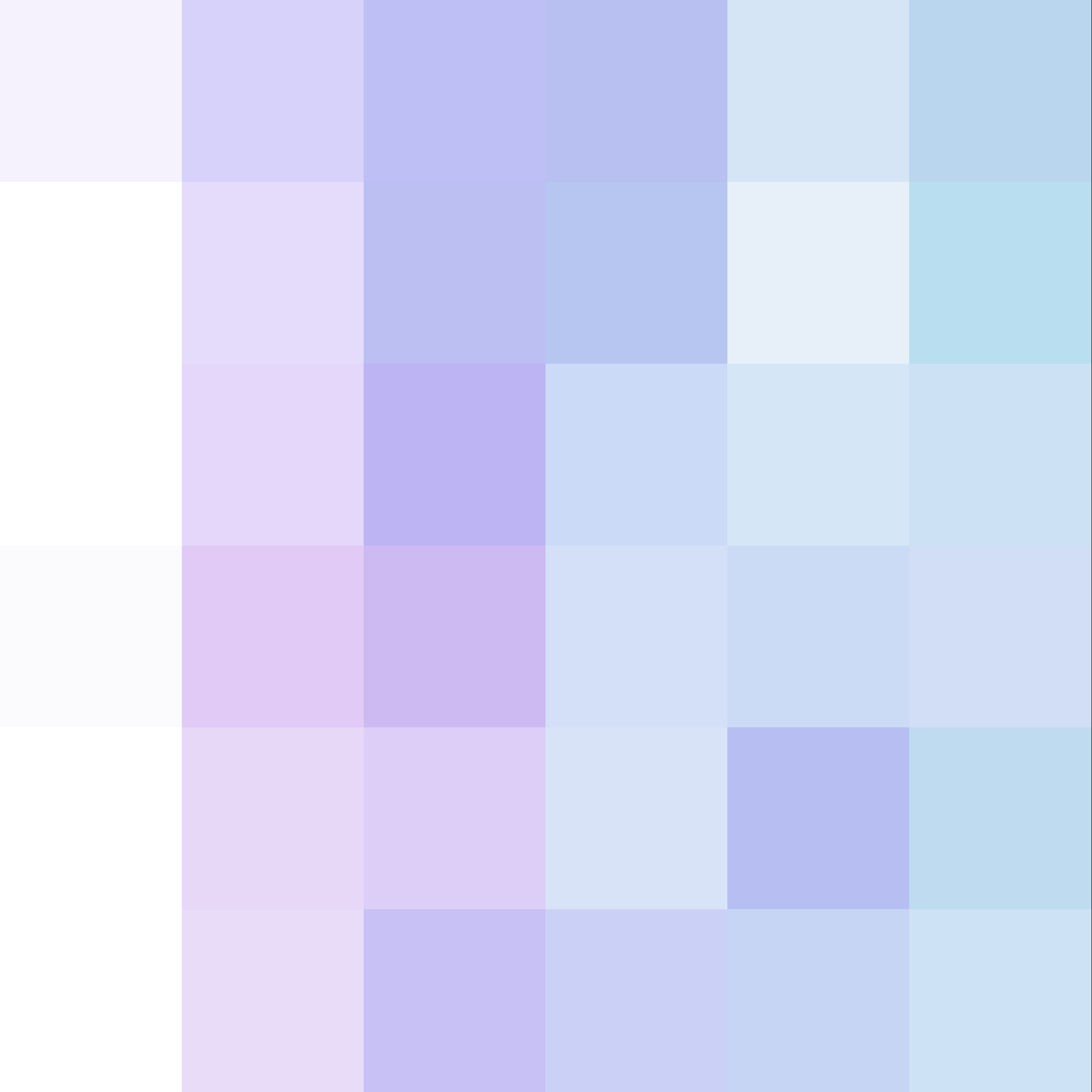
The colourful gradient in this 10 by 10 pixel grid is mostly blue, and it also has quite some indigo, some purple, some violet, and a tiny bit of magenta in it.

There's a pixel gradient in this 8 by 8 grid. It is mostly blue, and it also has quite some green, and some cyan in it.

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some indigo, some violet, and a little bit of purple in it.

This colourful gradient, generated in this 11 by 11 pixel grid, is mostly red, but it also has quite some orange, a bit of yellow, a bit of green, and a tiny bit of lime in it.

A very, very colourful grid of 81 blocks. It's mostly red, but it also has quite some rose, a bit of magenta, a little bit of purple, a little bit of orange, a little bit of blue, a tiny bit of indigo, and a tiny bit of violet in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly red, and it also has quite some orange, some green, a little bit of blue, a little bit of yellow, a little bit of lime, a little bit of purple, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of magenta in it.
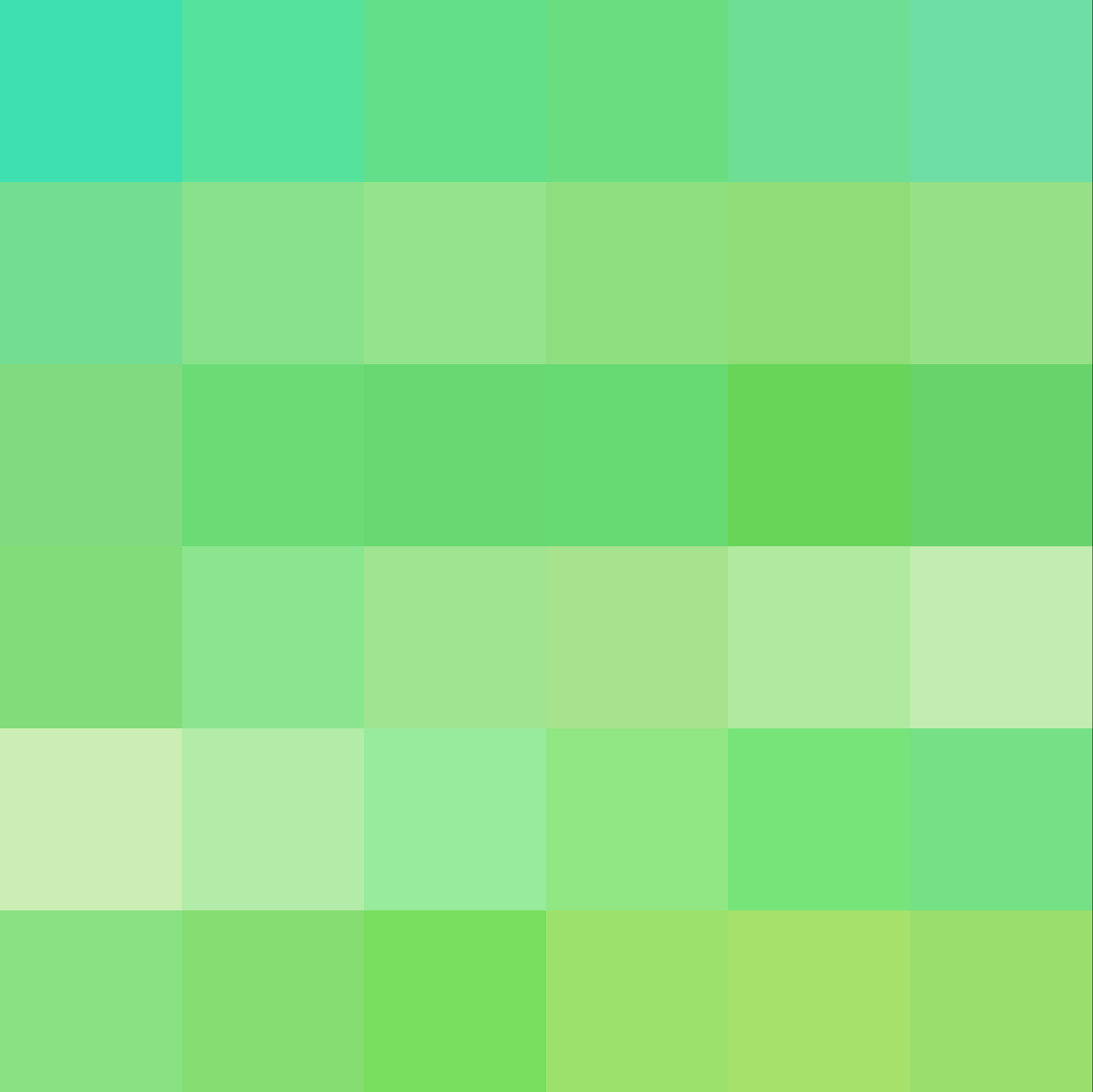
Here's a 6 by 6 pixelated grid that forms a monochrome gradient. It is green.
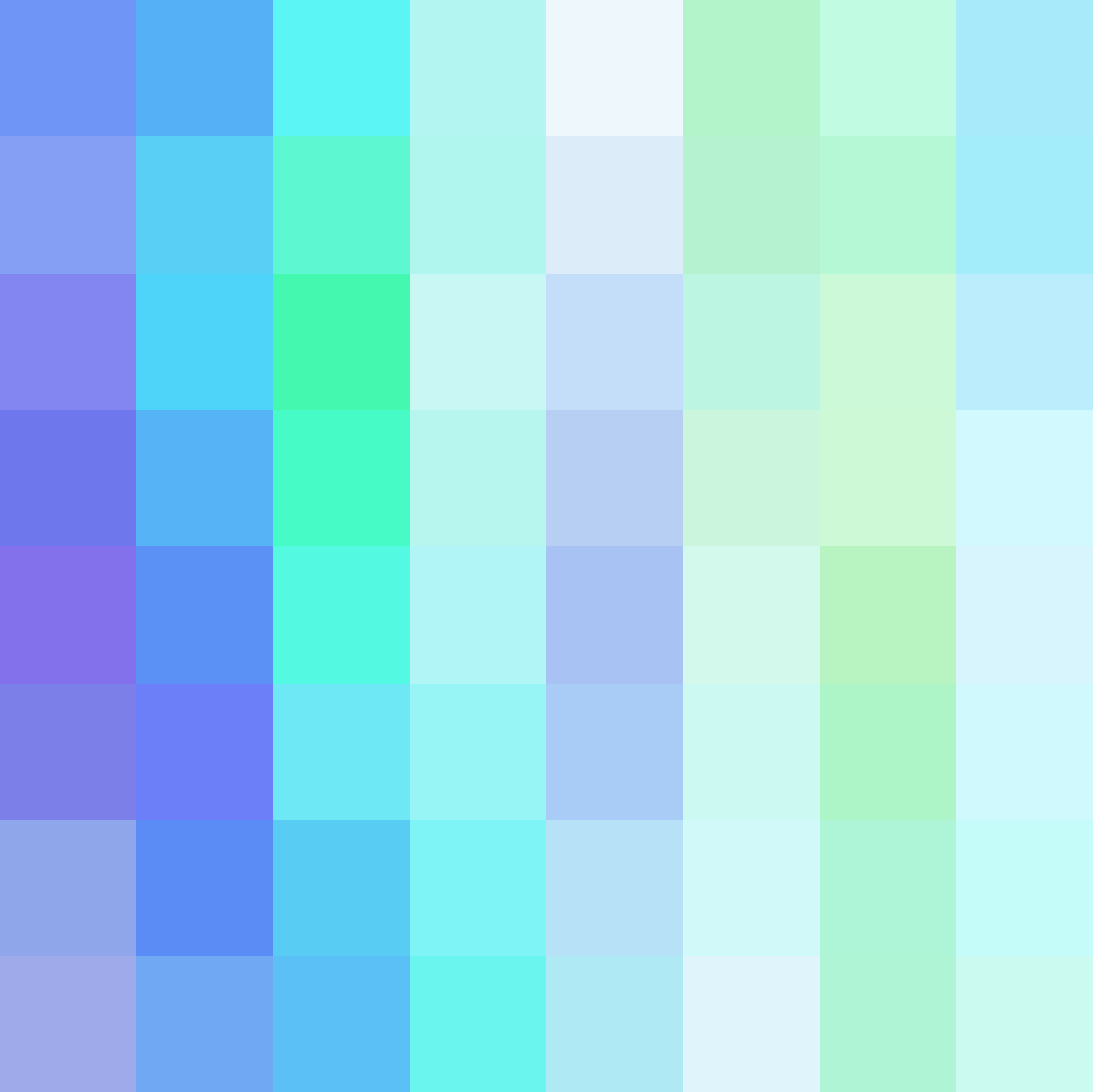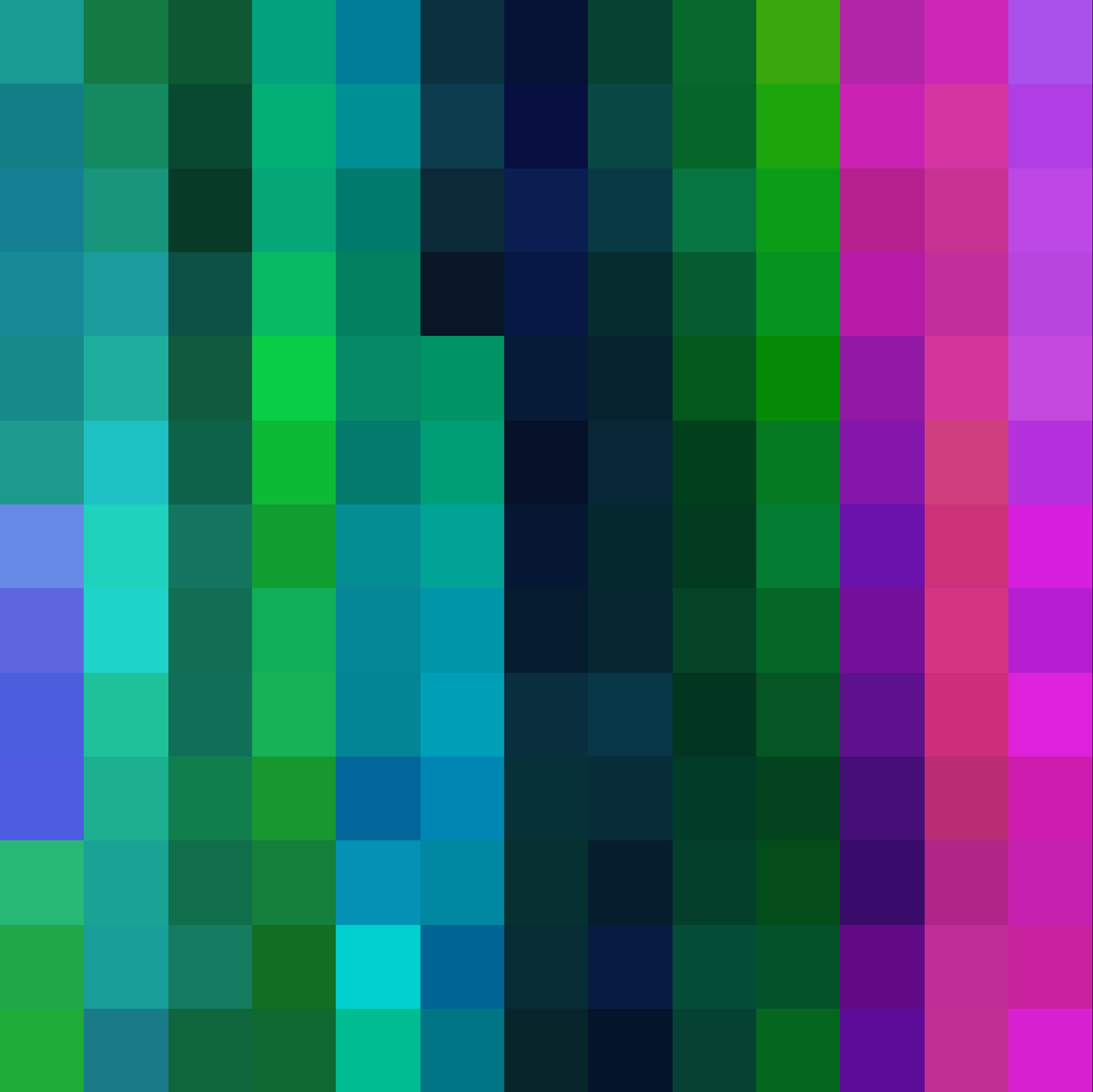
The cells in this 8 by 8 pixel grid form a gradient. It is mostly blue, and it also has quite some cyan, quite some green, and a tiny bit of indigo in it.
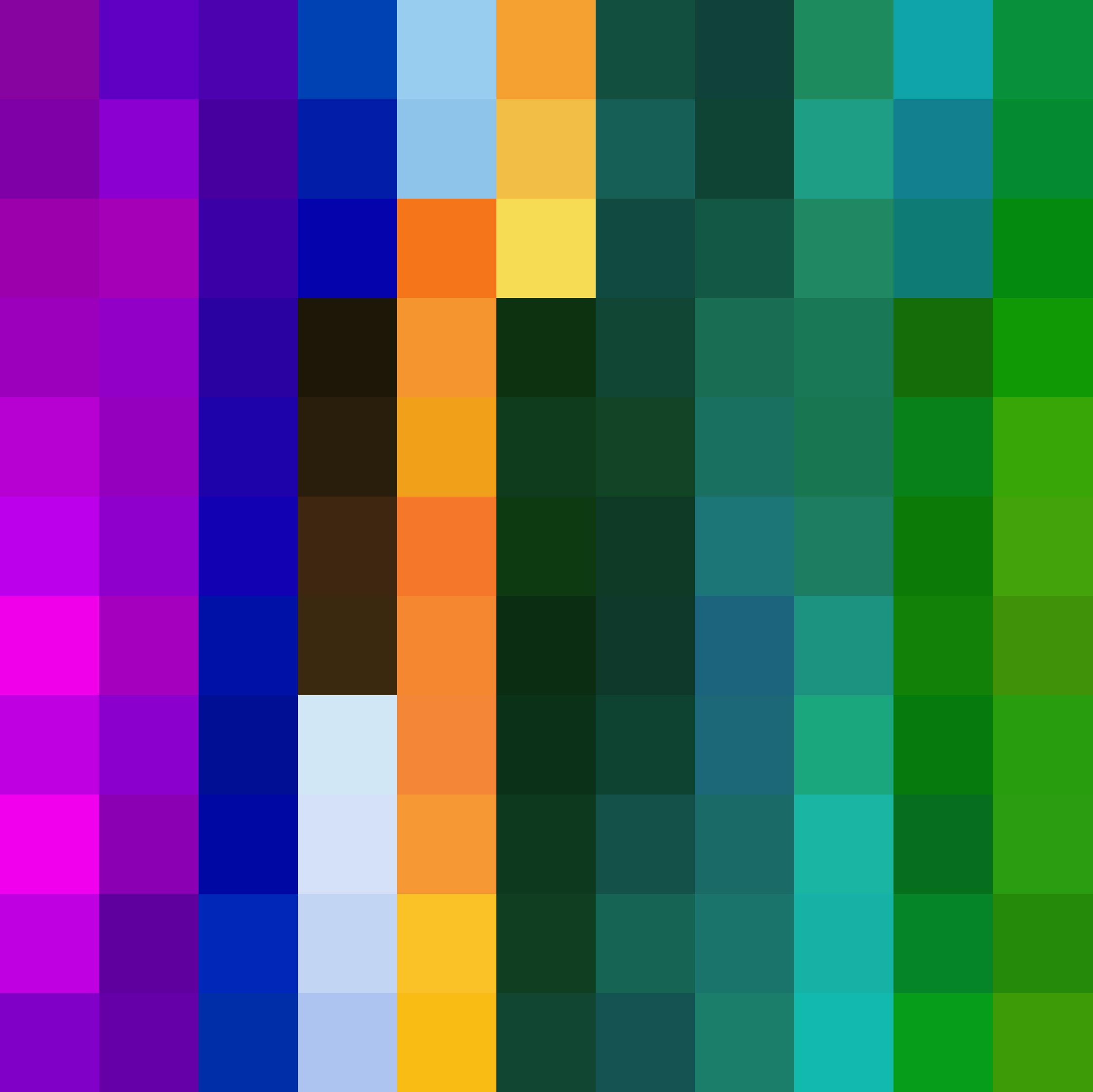
The gradient in this 13 by 13 pixel grid is mostly orange, but it also has quite some yellow, some red, and a tiny bit of lime in it.
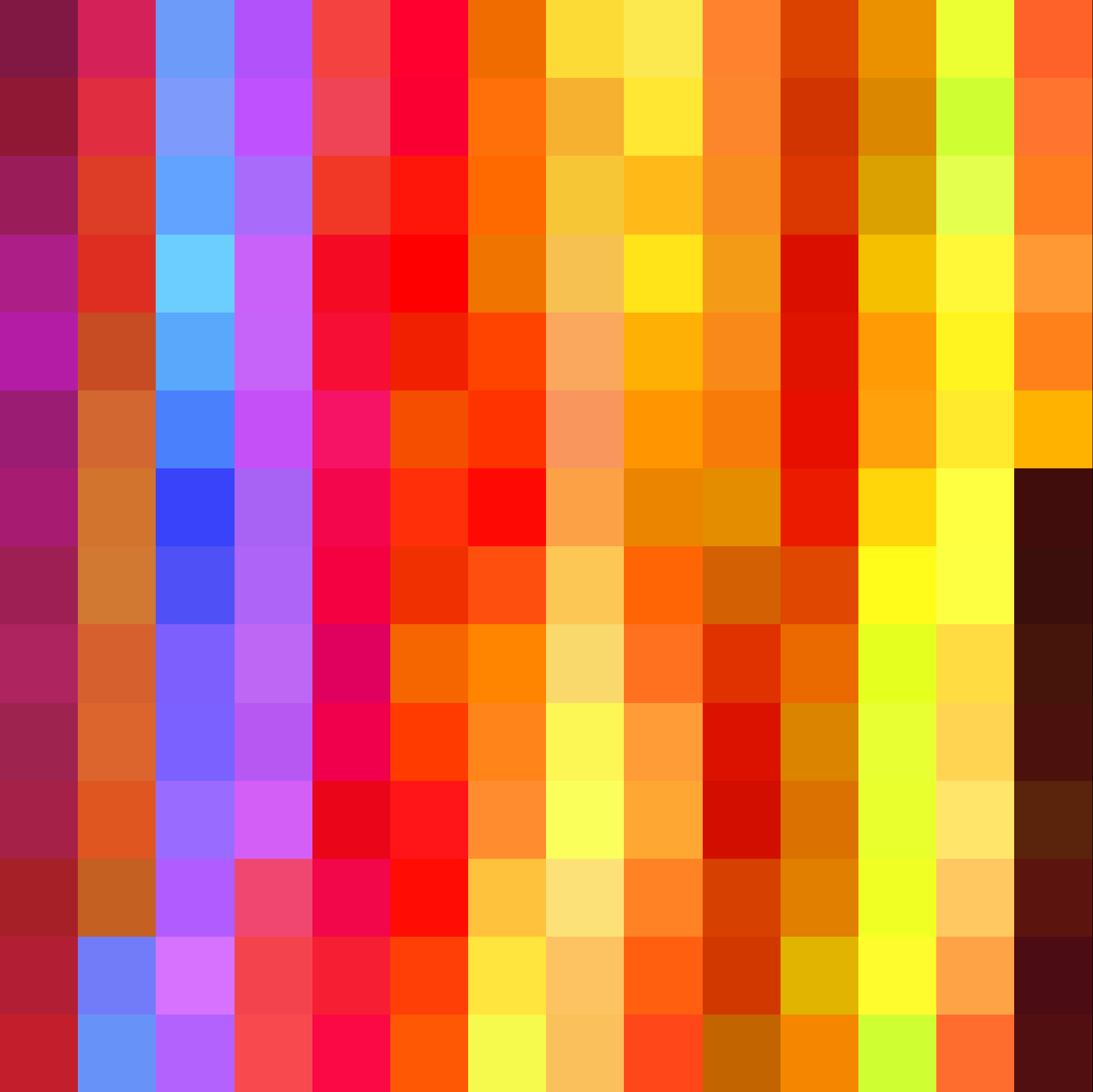
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has quite some cyan, some blue, some magenta, a bit of purple, a little bit of rose, and a tiny bit of violet in it.

An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some purple, some orange, some blue, a little bit of magenta, a little bit of violet, a little bit of indigo, and a tiny bit of yellow in it.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly orange, but it also has quite some red, some yellow, a bit of rose, a little bit of purple, a little bit of blue, a tiny bit of magenta, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of lime in it.
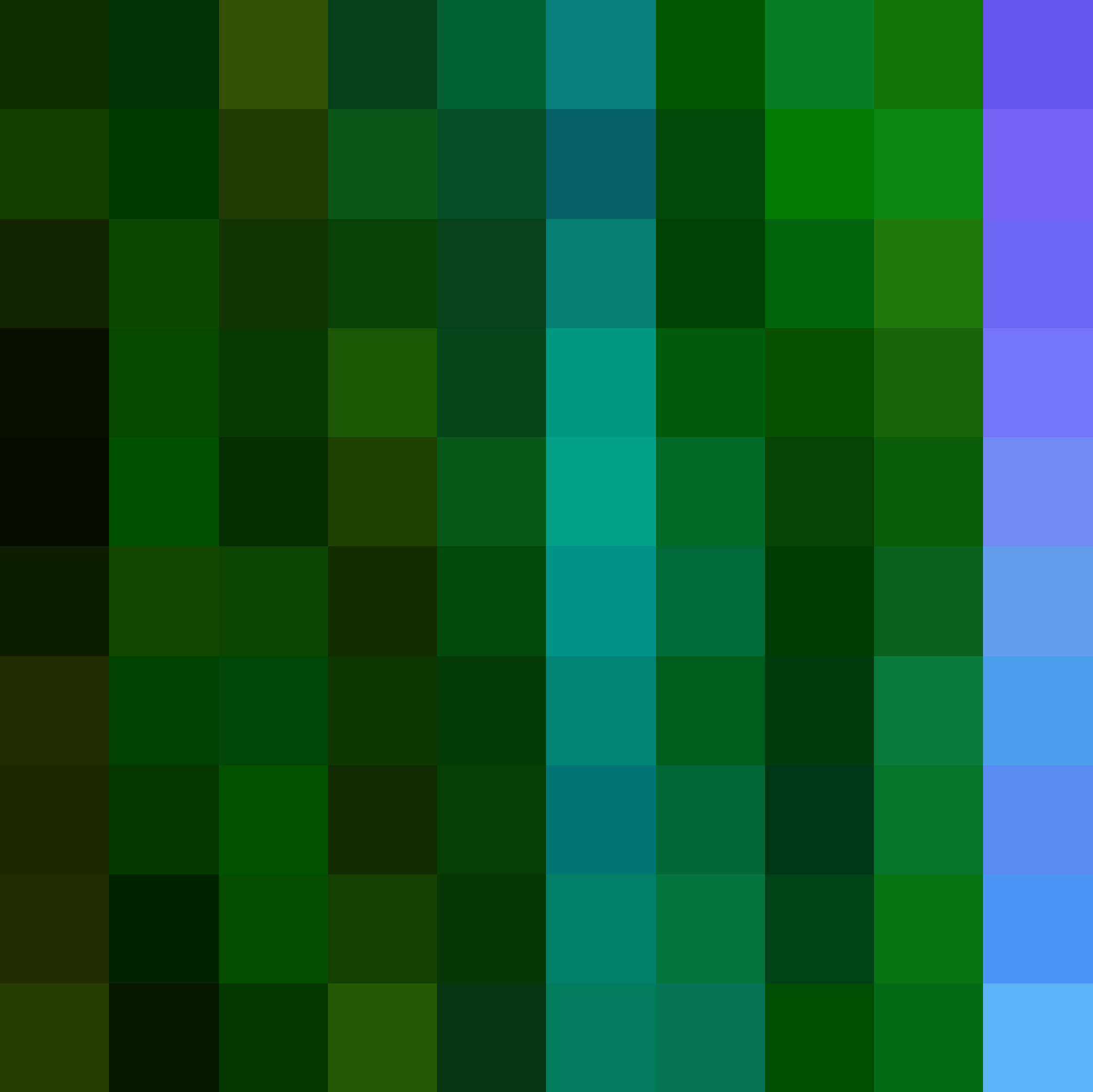
This colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, and it also has a bit of cyan, a bit of blue, a little bit of lime, and a little bit of indigo in it.
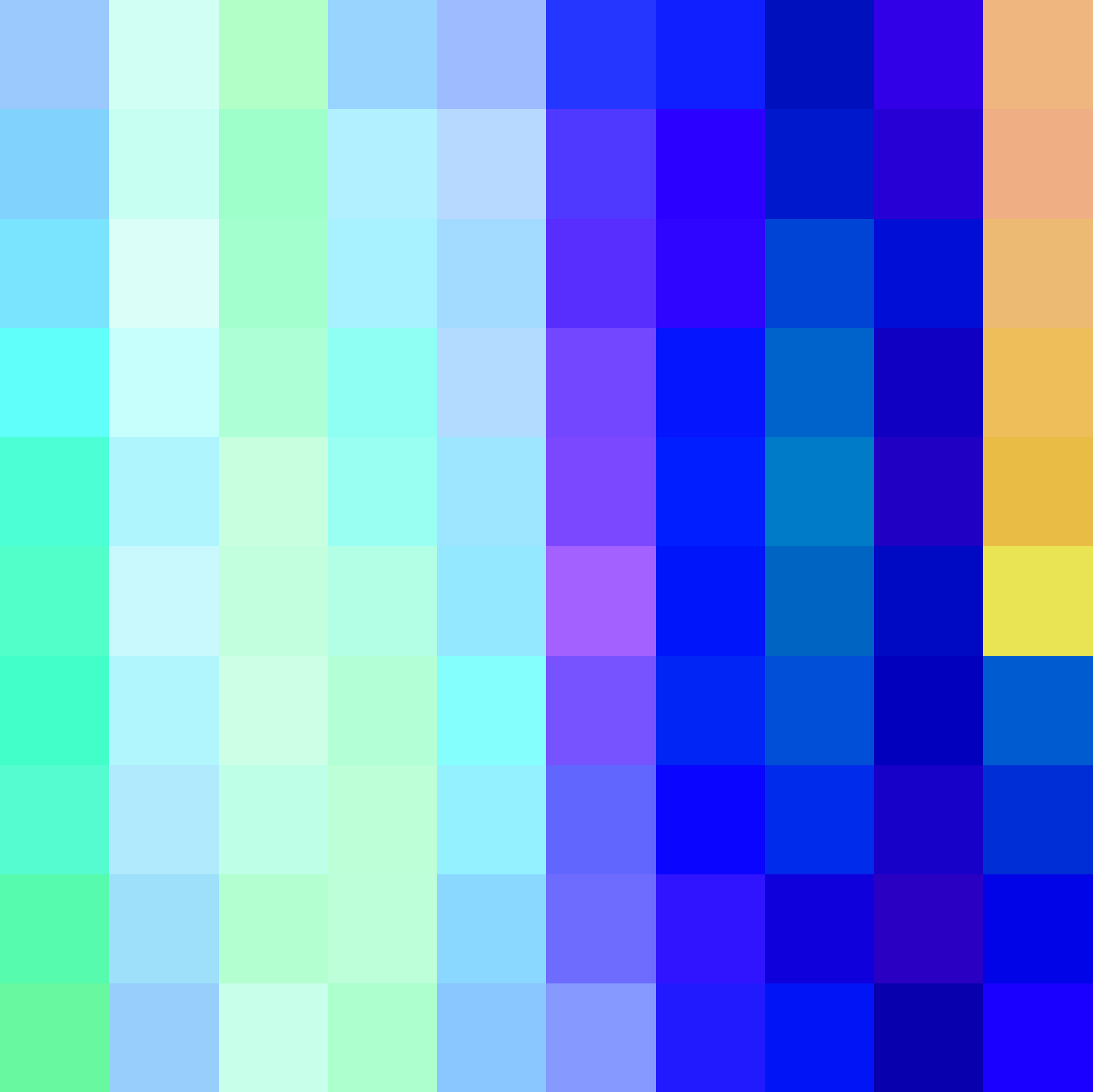
A very colourful grid of 100 blocks. It's mostly blue, but it also has quite some indigo, some green, some cyan, a little bit of orange, a tiny bit of violet, and a tiny bit of yellow in it.
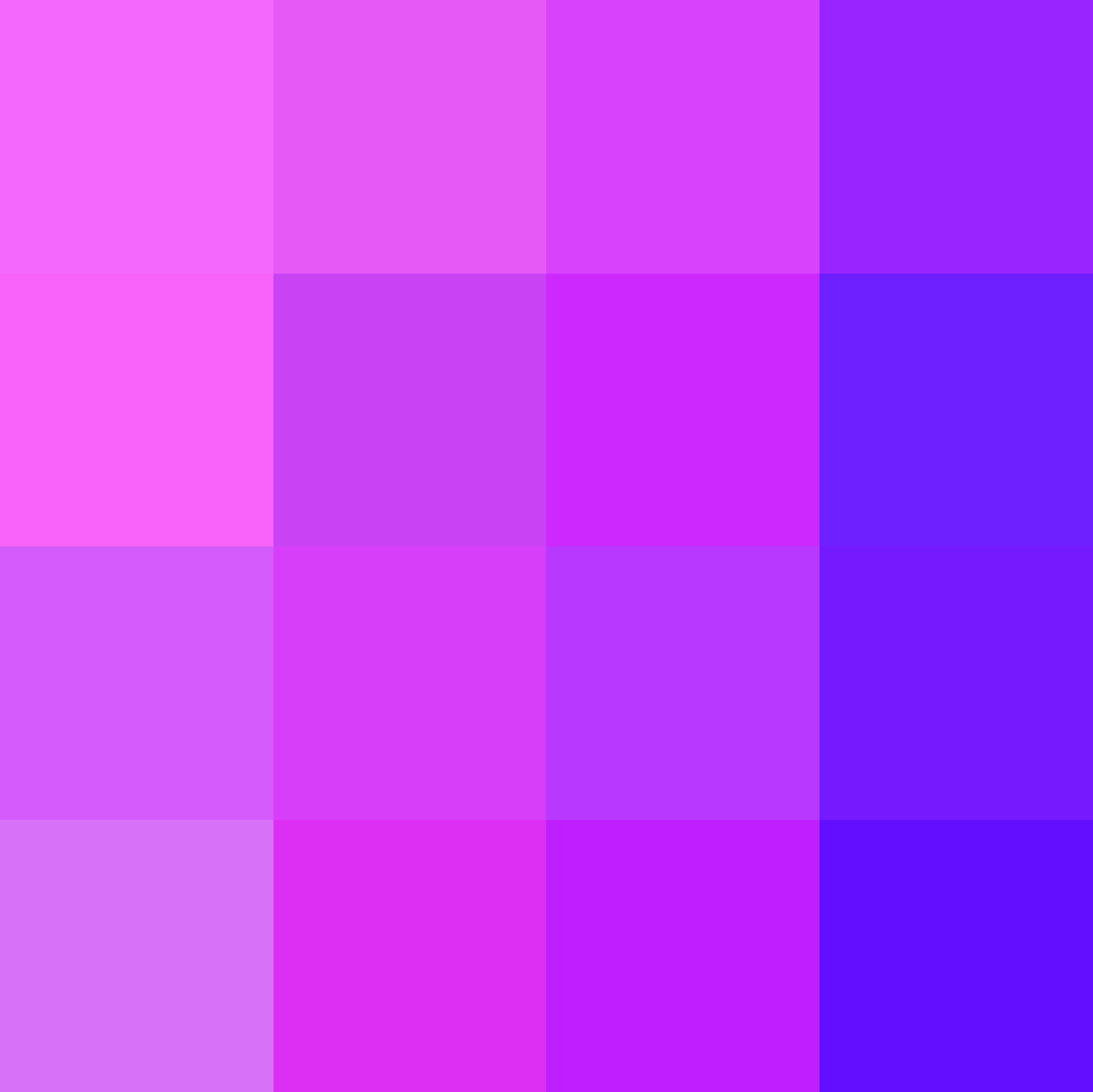
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly purple, and it also has quite some magenta, and some violet in it.
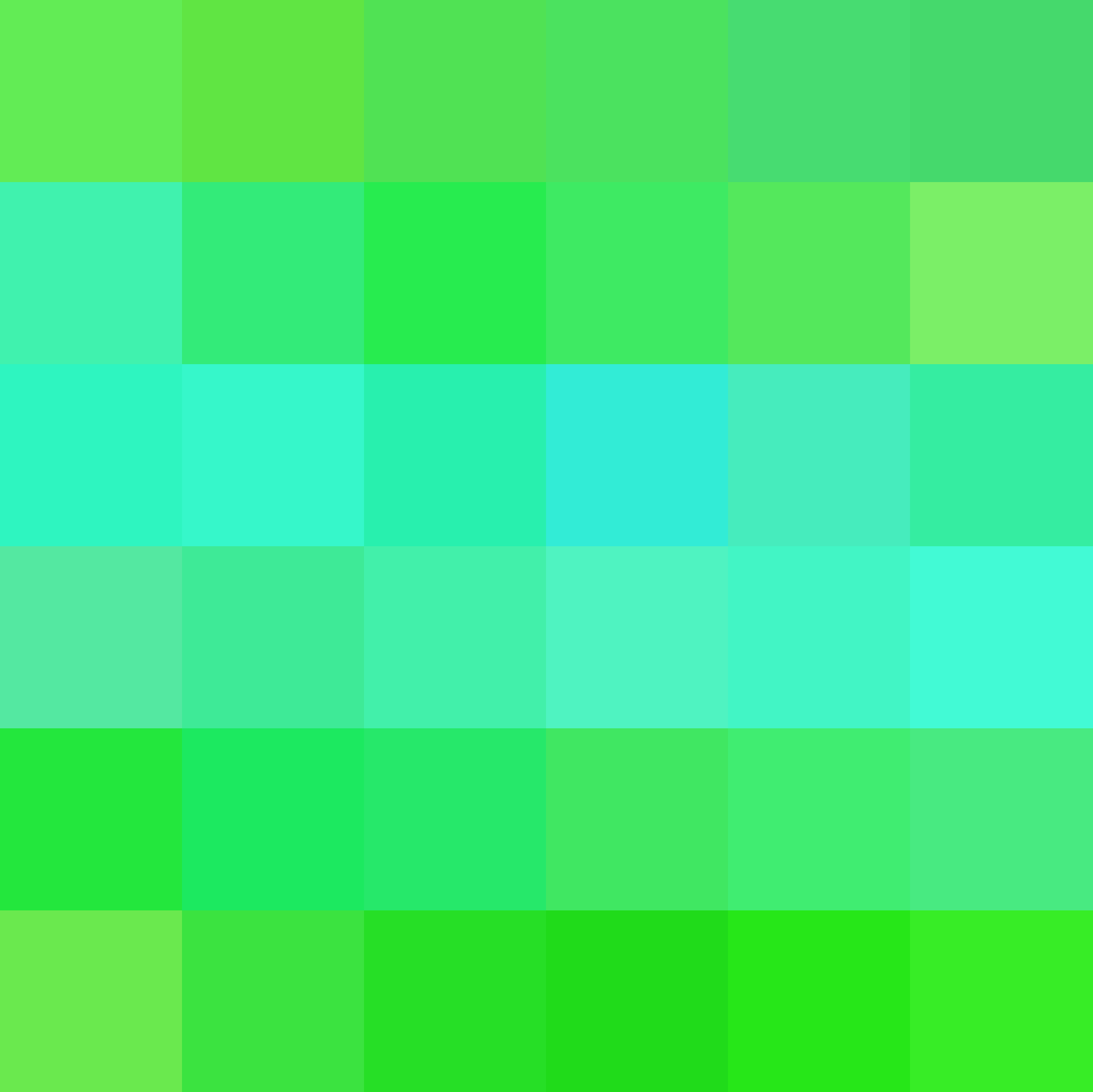
The two tone gradient in this 5 by 5 pixel grid is mostly green, but it also has some cyan in it.
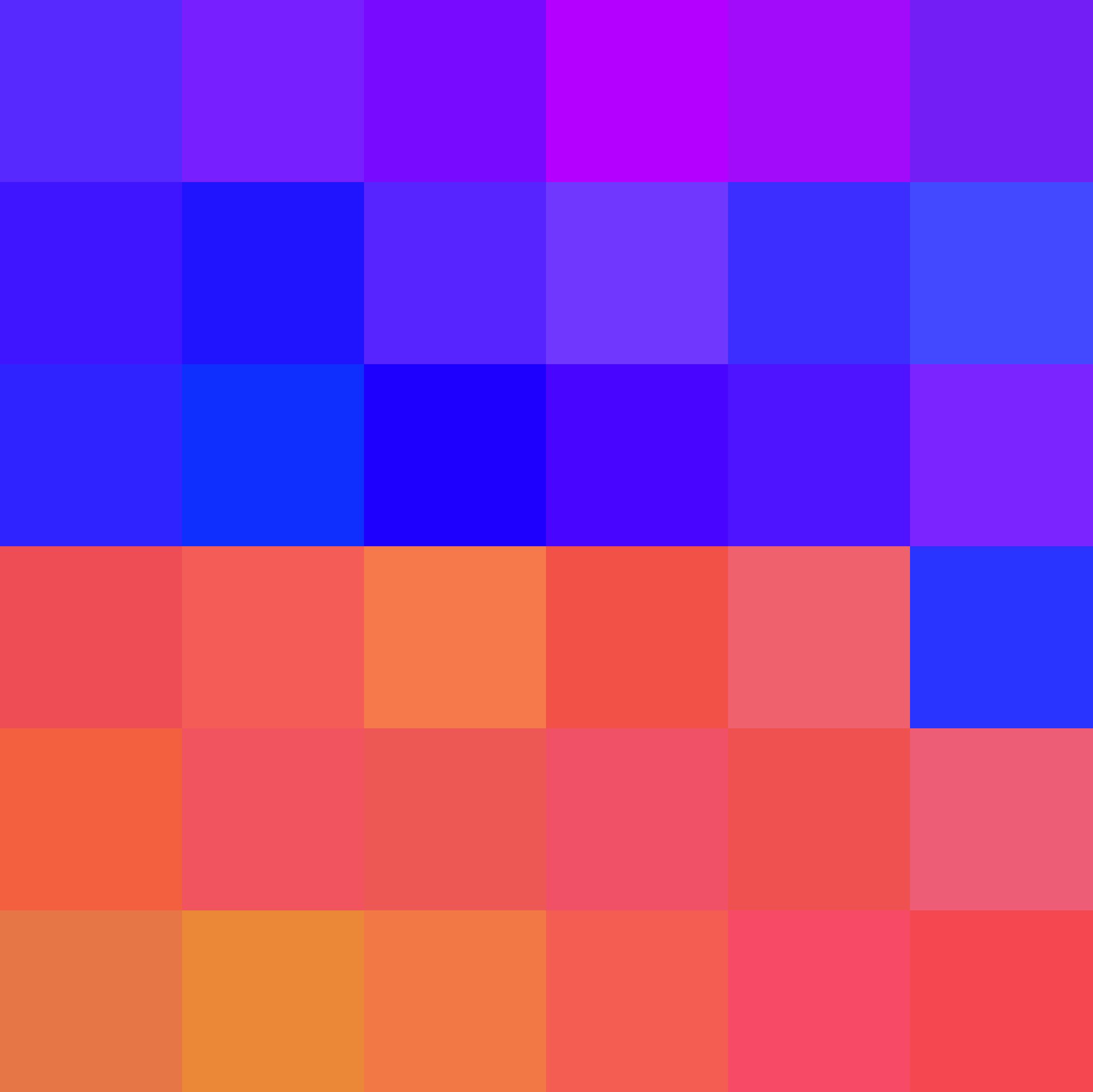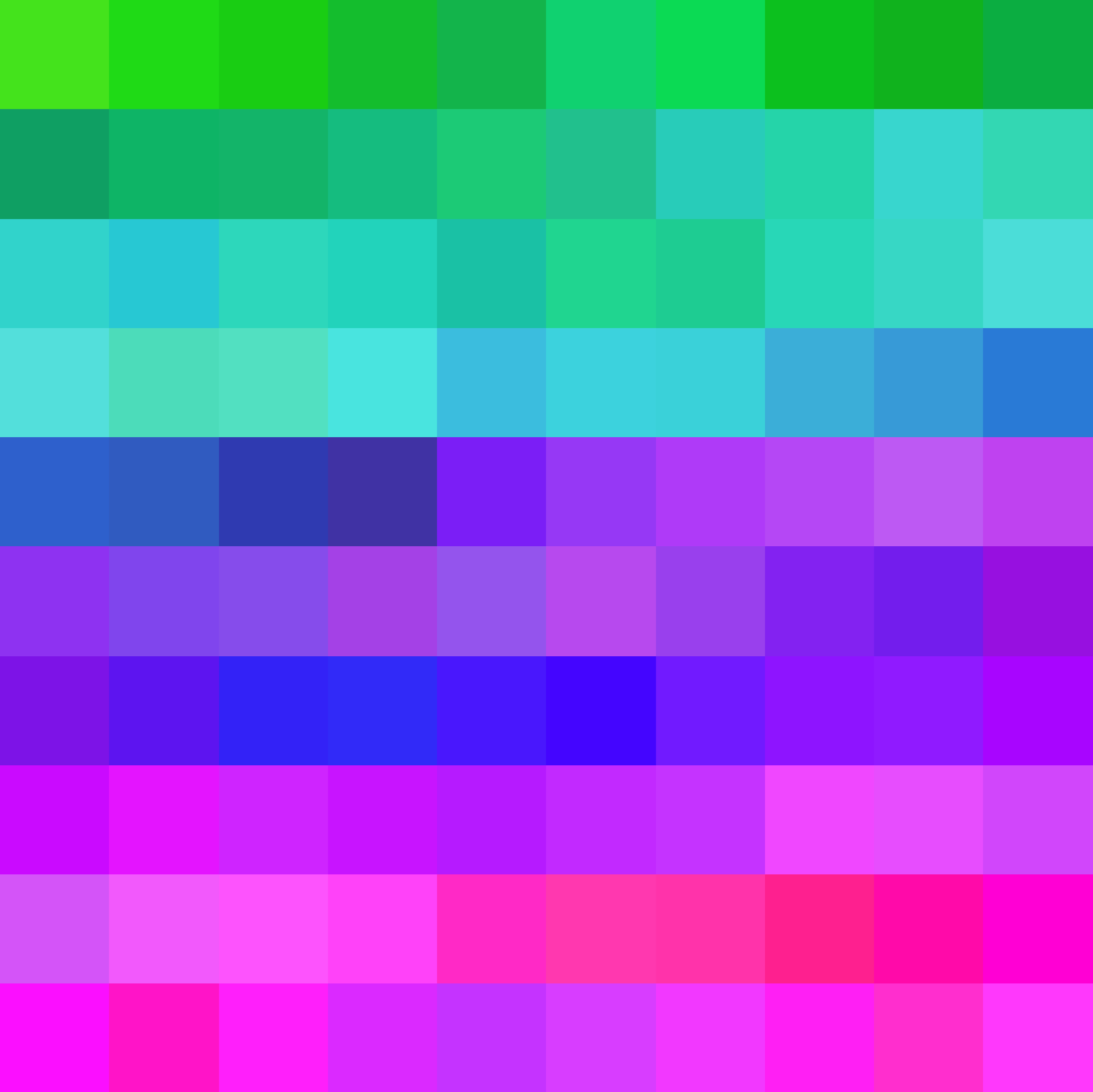
Here's a 6 by 6 pixelated grid that forms a very colourful gradient. It is mostly red, but it also has quite some indigo, some violet, some orange, a bit of blue, and a little bit of purple in it.
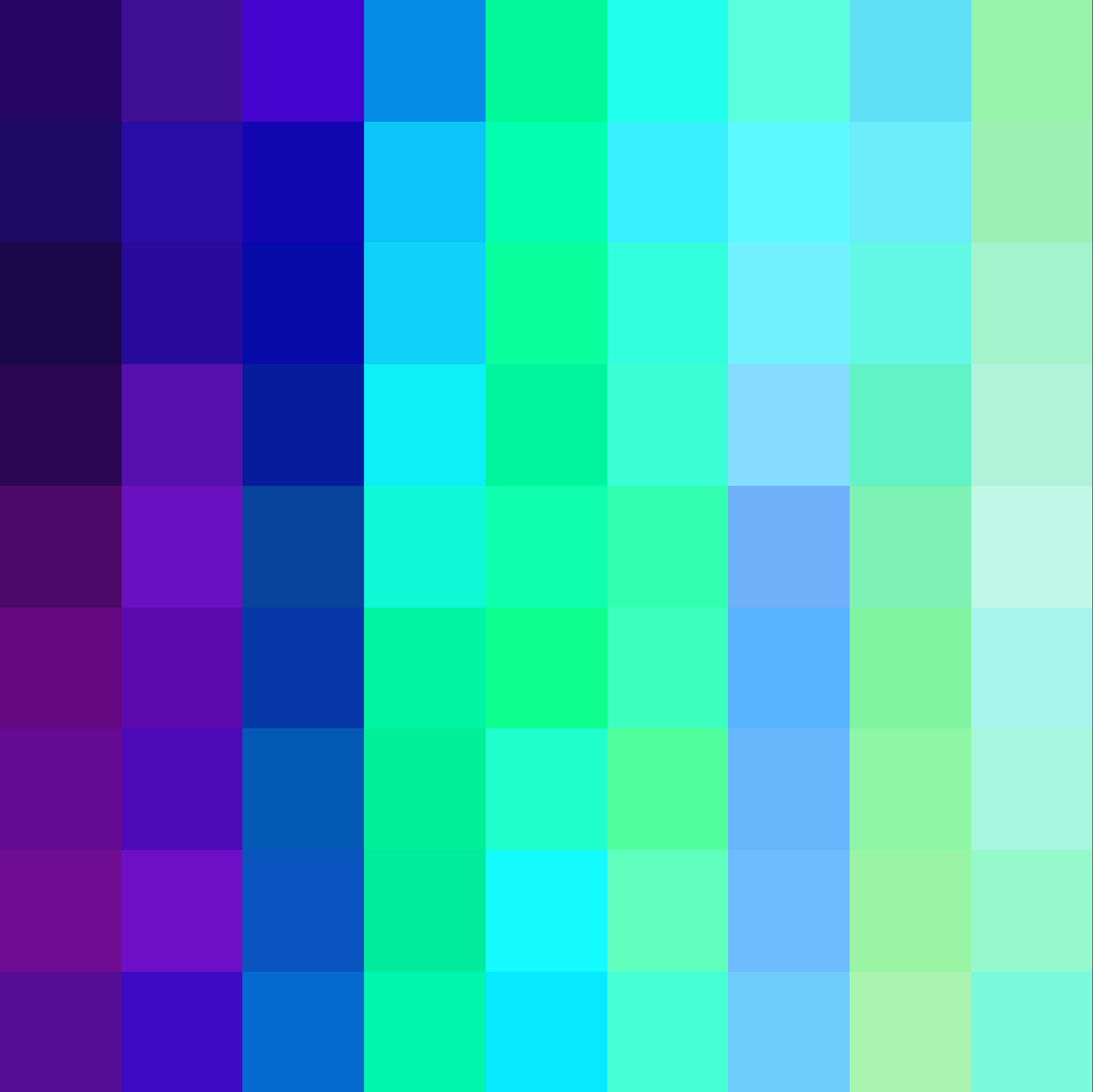
Here's a 6 by 6 pixelated grid that forms a two tone gradient. It is mostly green, but it also has some cyan in it.

Here's a 10 by 10 pixelated grid that forms a very, very colourful gradient. It is mostly purple, but it also has some cyan, some green, some magenta, a bit of violet, a little bit of blue, a little bit of indigo, and a tiny bit of rose in it.
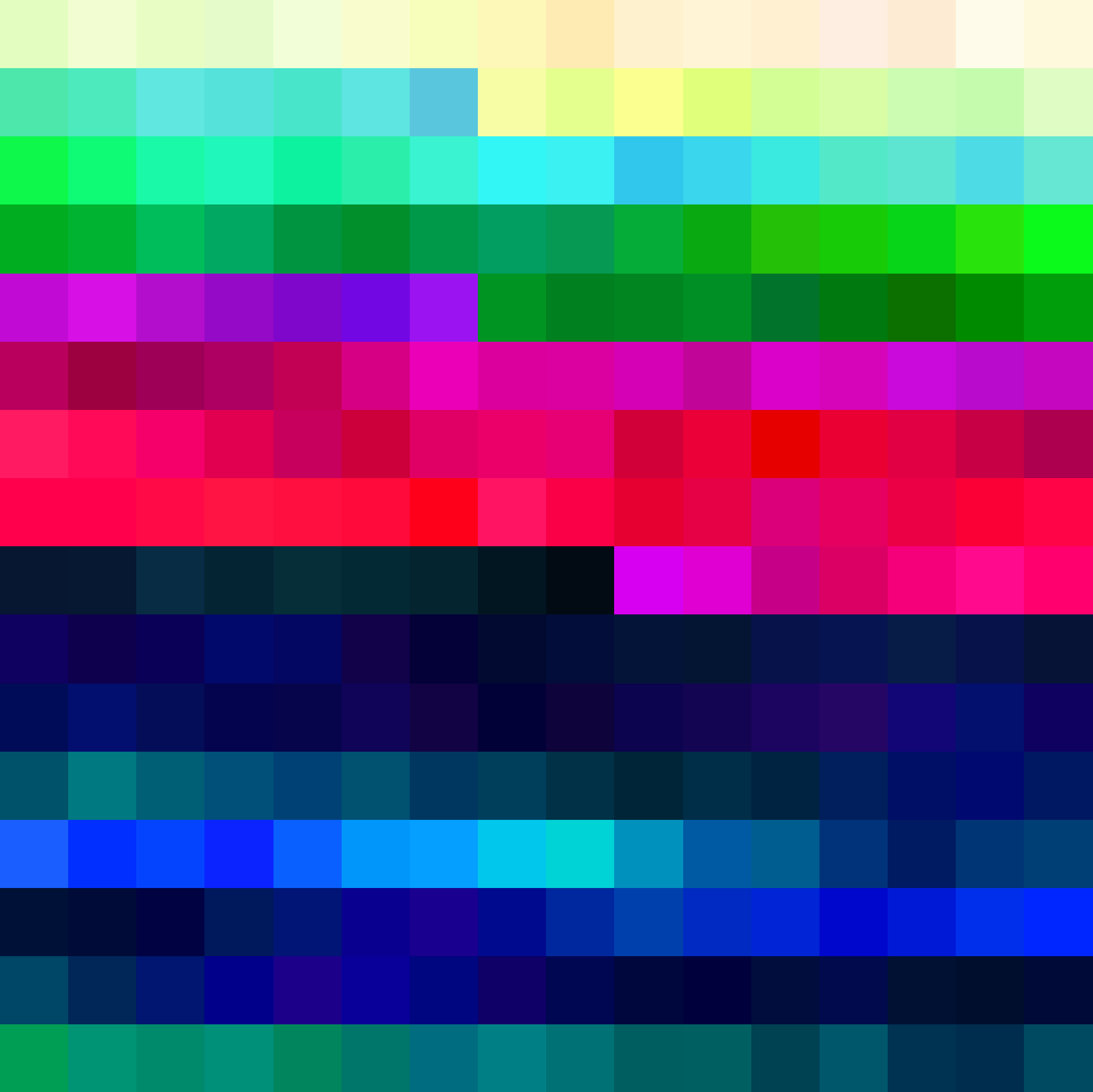
The very colourful gradient in this 9 by 9 pixel grid is mostly green, but it also has quite some cyan, some blue, a bit of indigo, a bit of violet, and a bit of purple in it.
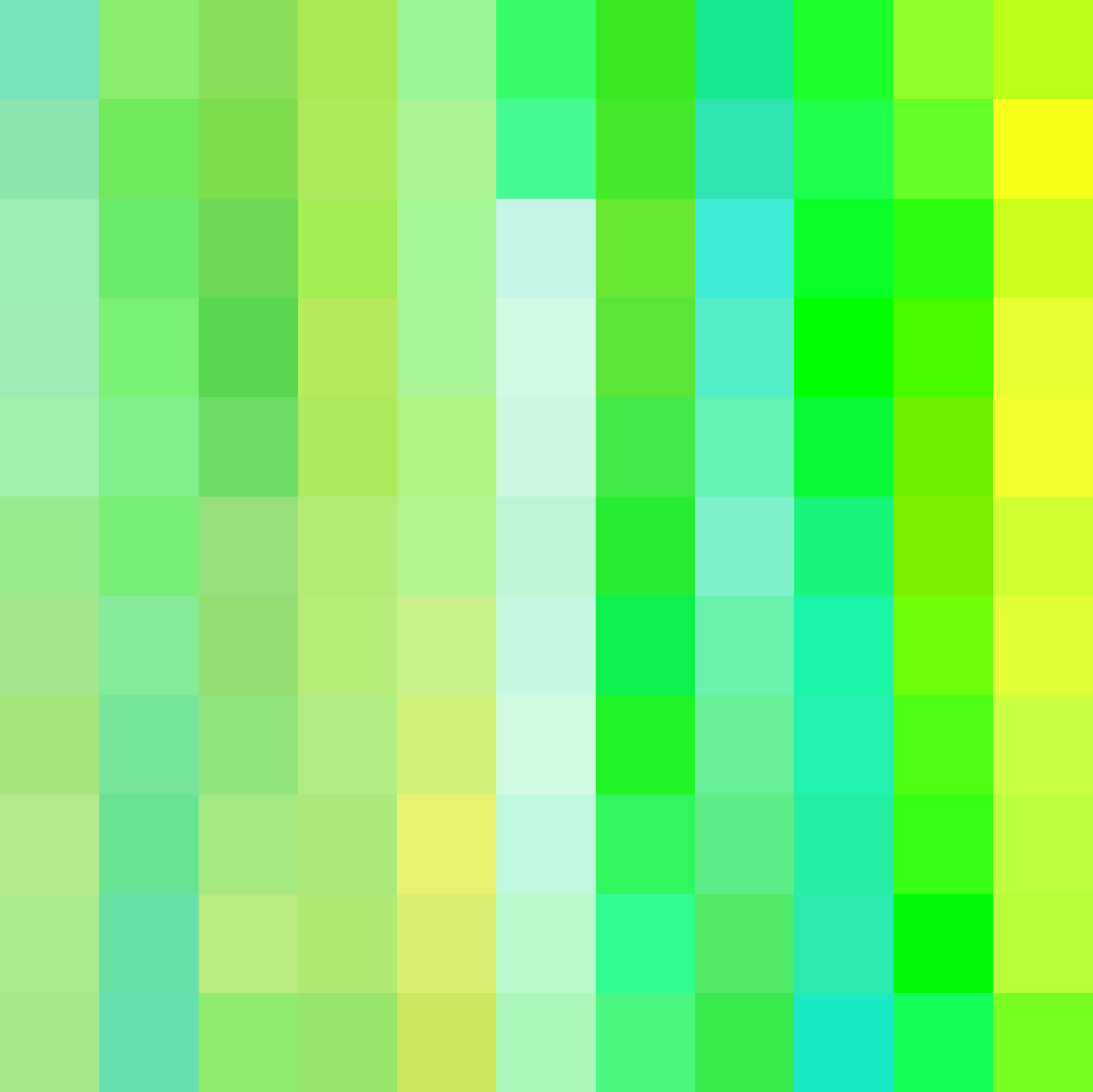
The cells in this 7 by 7 pixel grid form a gradient. It is mostly green, and it also has quite some red, some orange, and a tiny bit of yellow in it.
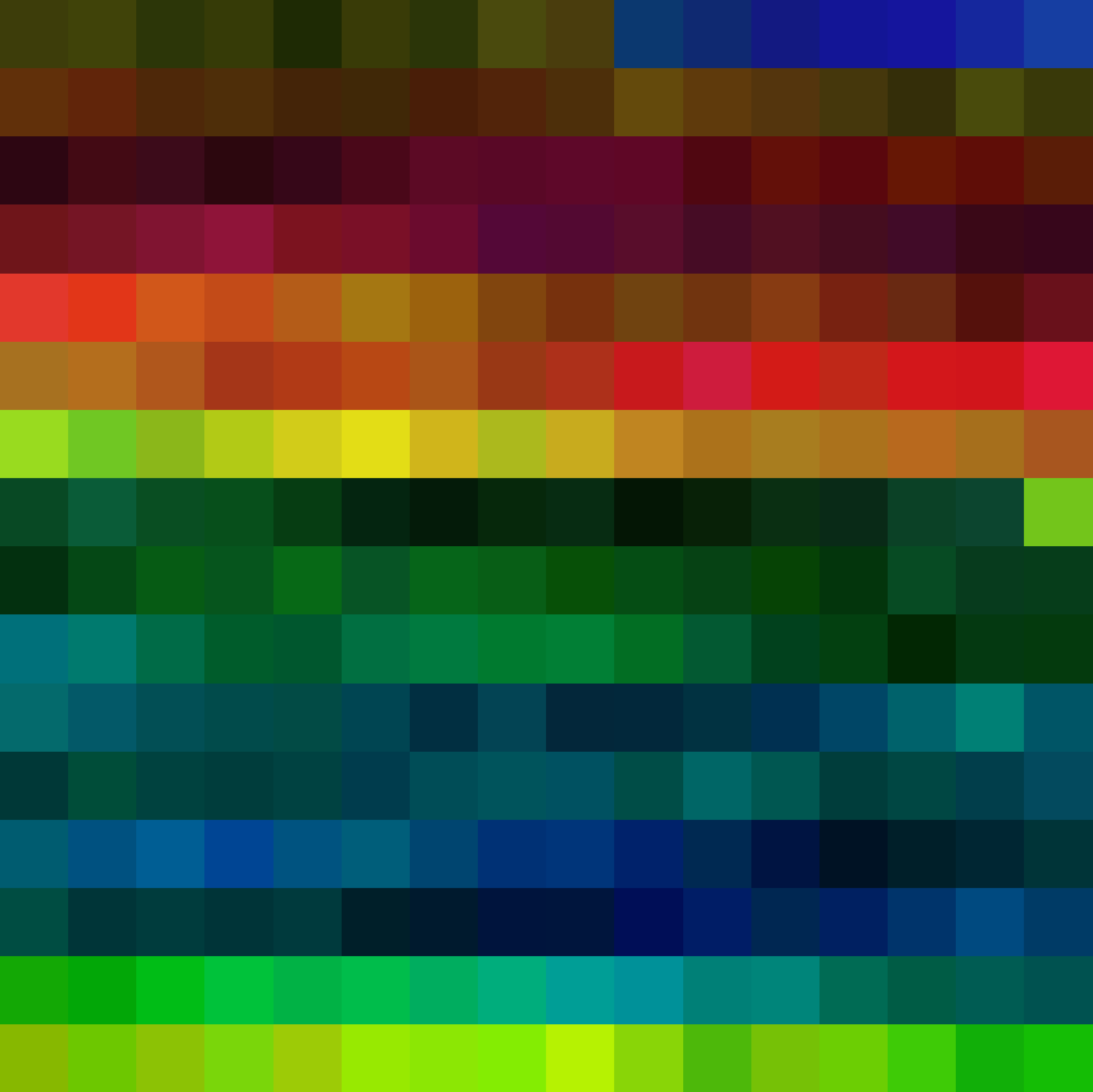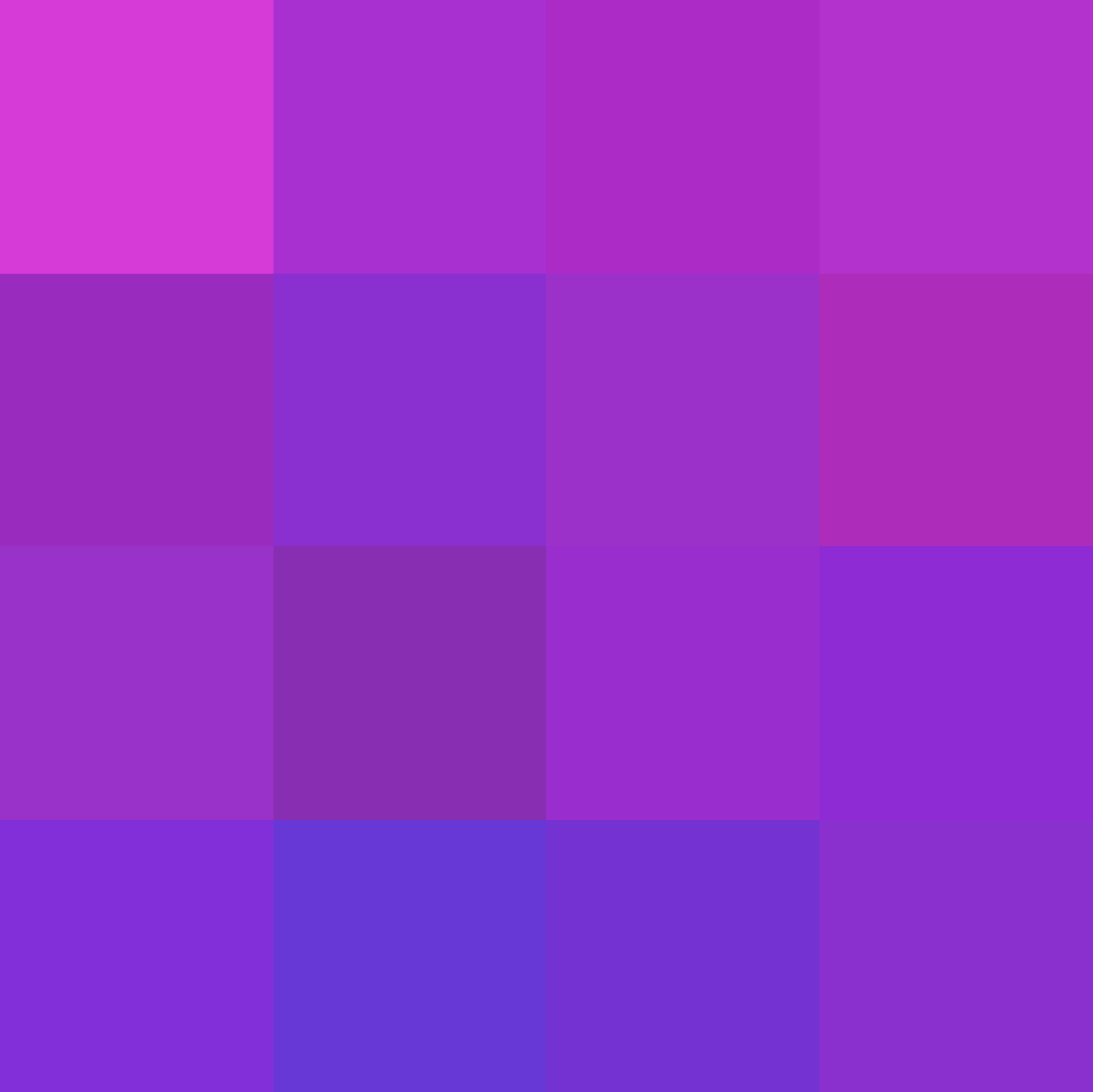
There's a very colourful pixel gradient in this 16 by 16 grid. It is mostly green, and it also has some red, some cyan, some blue, some orange, a little bit of yellow, and a little bit of lime in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has some green, some cyan, some rose, a bit of indigo, a bit of magenta, a little bit of red, a little bit of yellow, a tiny bit of orange, a tiny bit of lime, a tiny bit of purple, and a tiny bit of violet in it.
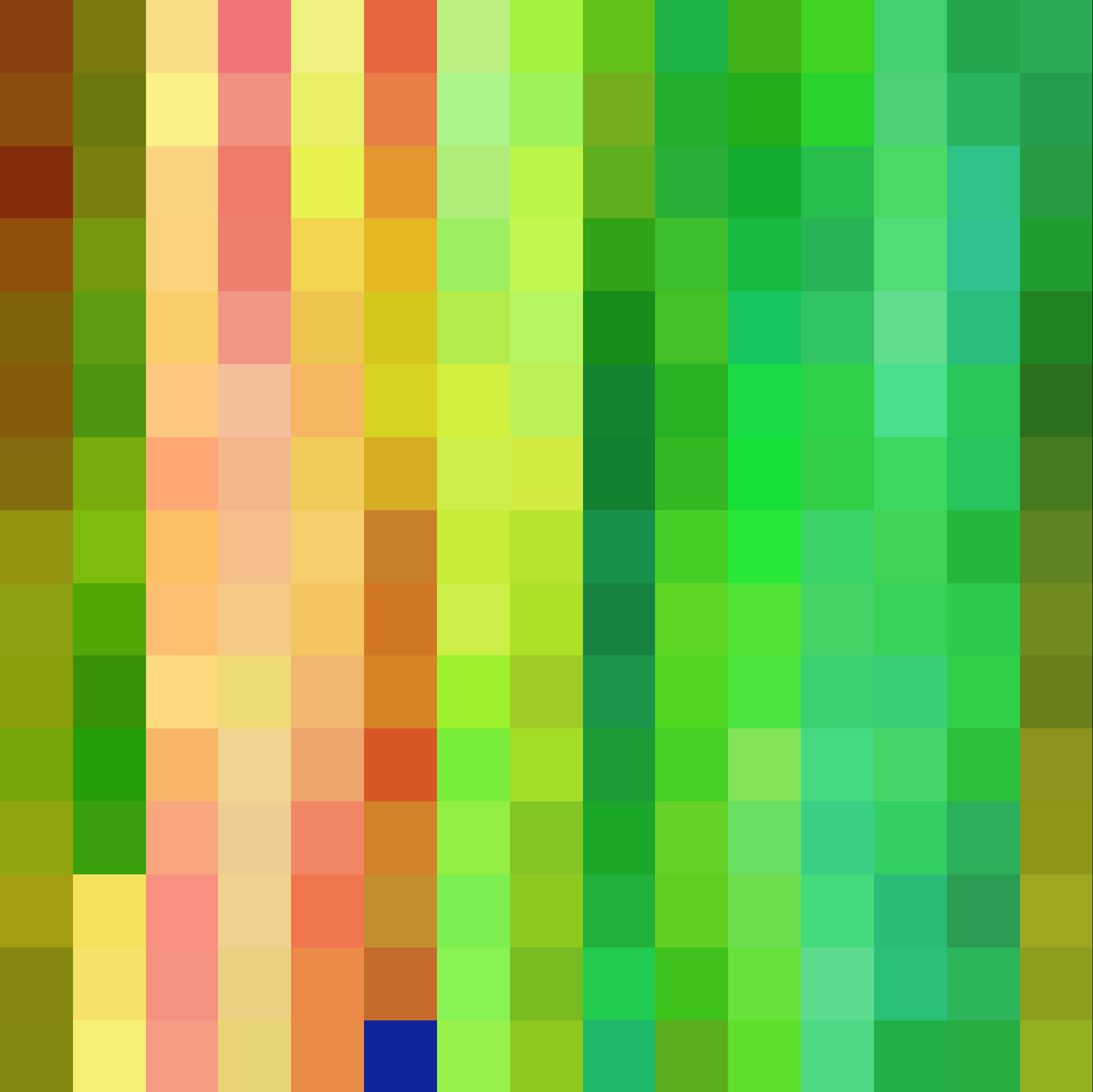
The cells in this 11 by 11 pixel grid form a gradient. It is mostly green, and it also has a little bit of lime, a little bit of yellow, and a tiny bit of cyan in it.
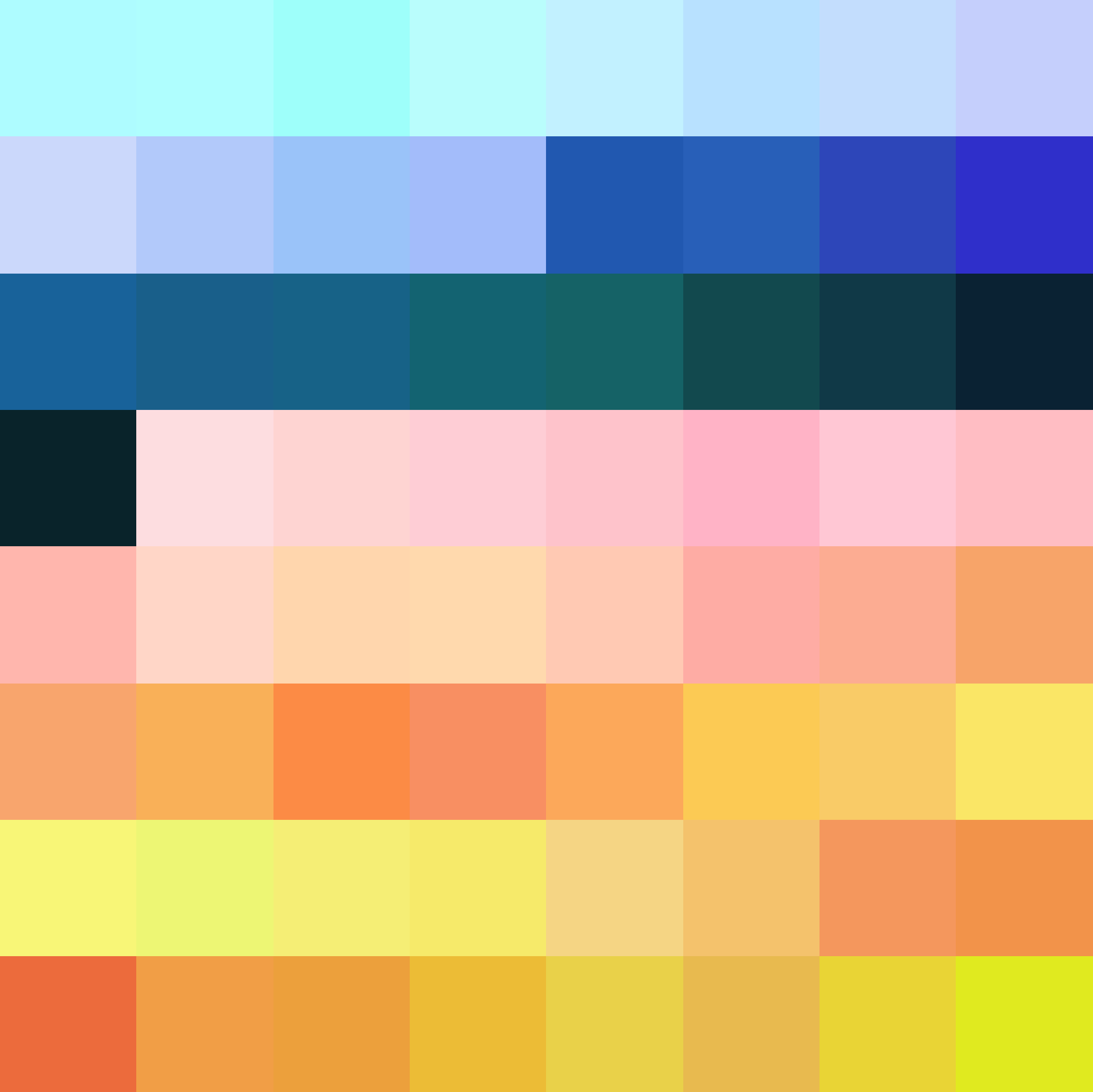
There's a pixel gradient in this 4 by 4 grid. It is mostly purple, but it also has some magenta, some violet, and a little bit of indigo in it.
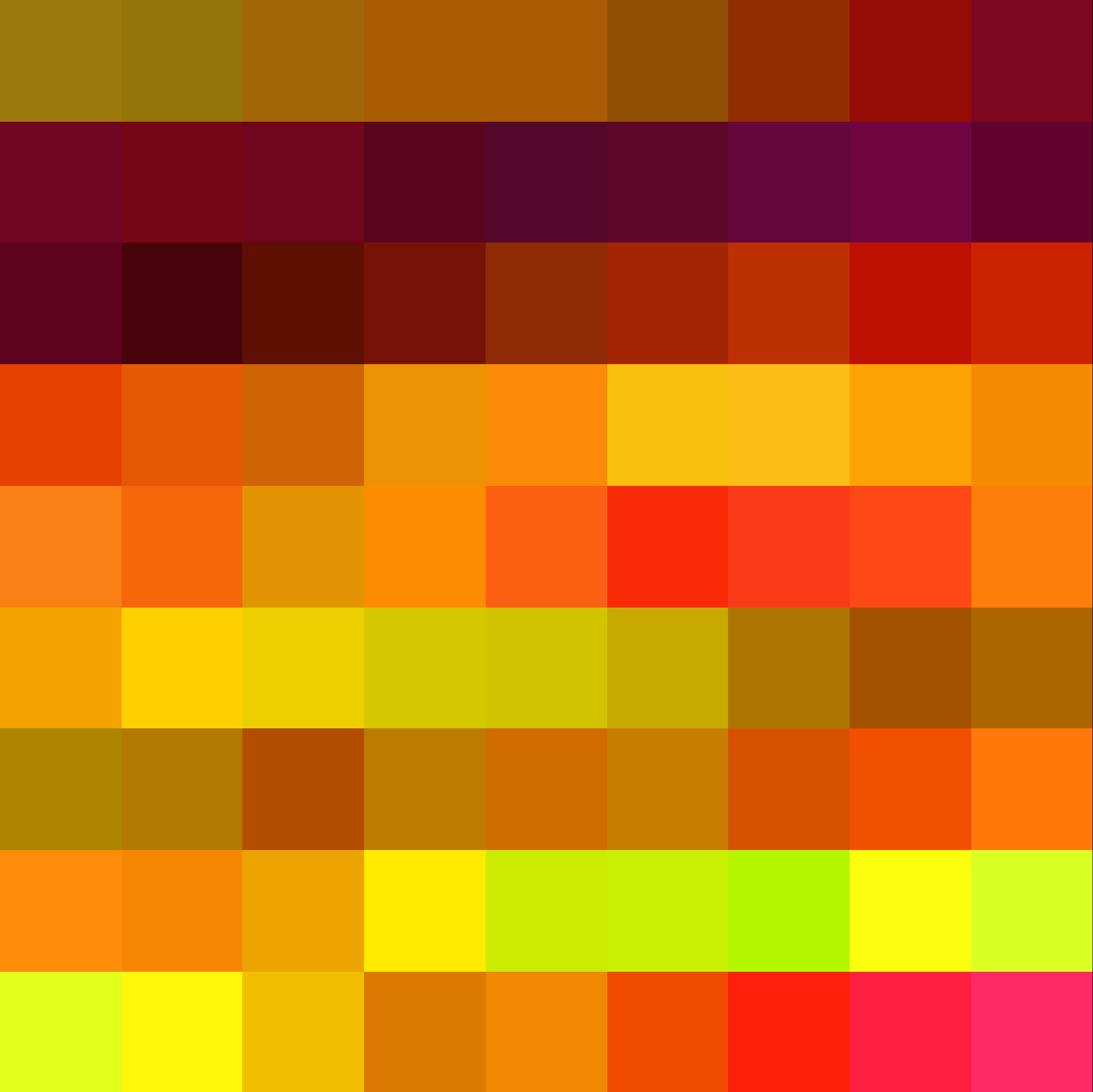
A very colourful grid of 225 blocks. It's mostly green, and it also has some orange, some yellow, a little bit of lime, a little bit of red, and a tiny bit of blue in it.

There's a colourful pixel gradient in this 8 by 8 grid. It is mostly orange, and it also has quite some blue, some red, some cyan, and some yellow in it.

There's a pixel gradient in this 9 by 9 grid. It is mostly orange, and it also has quite some red, quite some yellow, and a tiny bit of lime in it.
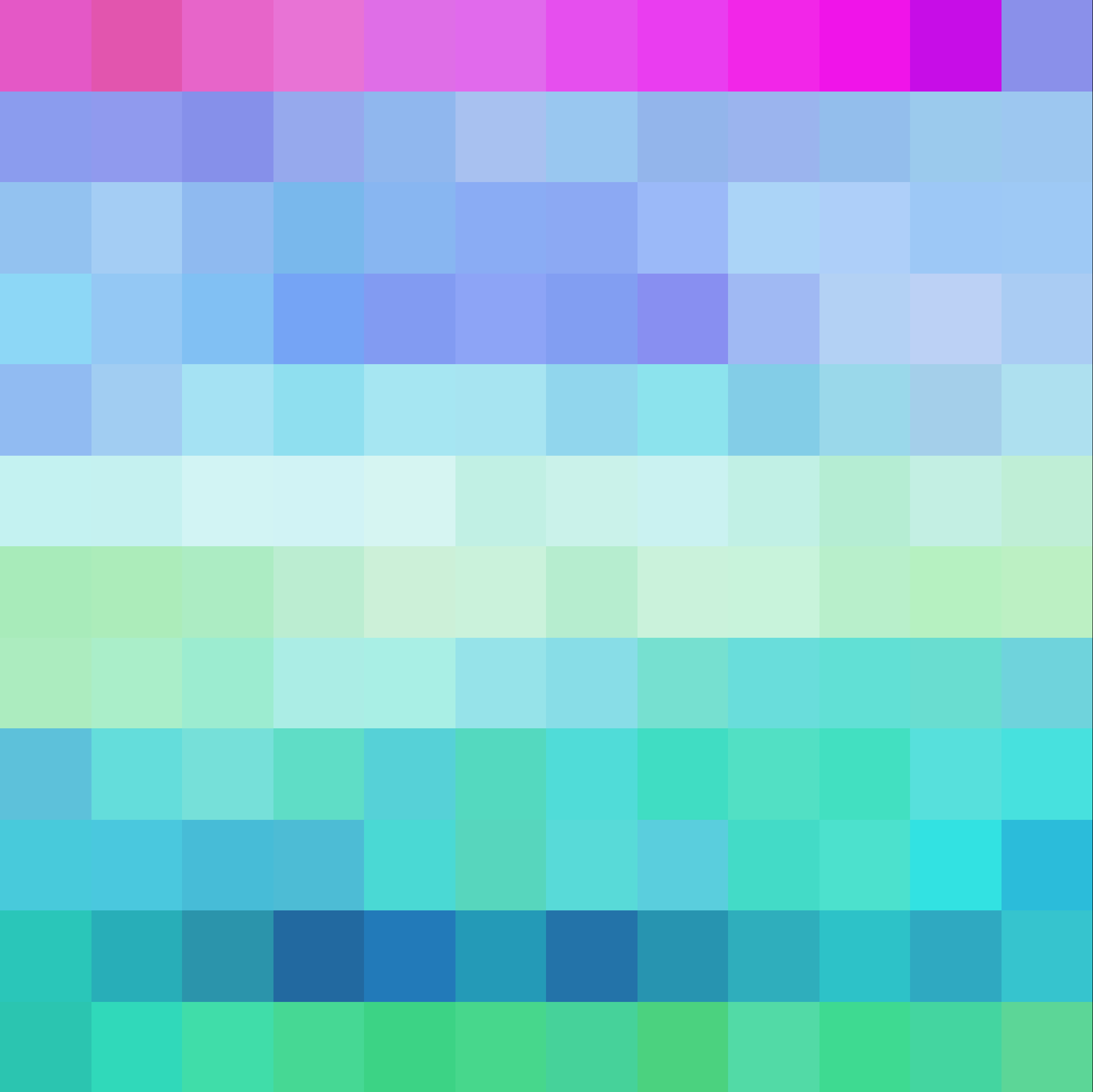
There's a colourful pixel gradient in this 12 by 12 grid. It is mostly cyan, but it also has quite some blue, some green, a bit of magenta, and a tiny bit of purple in it.
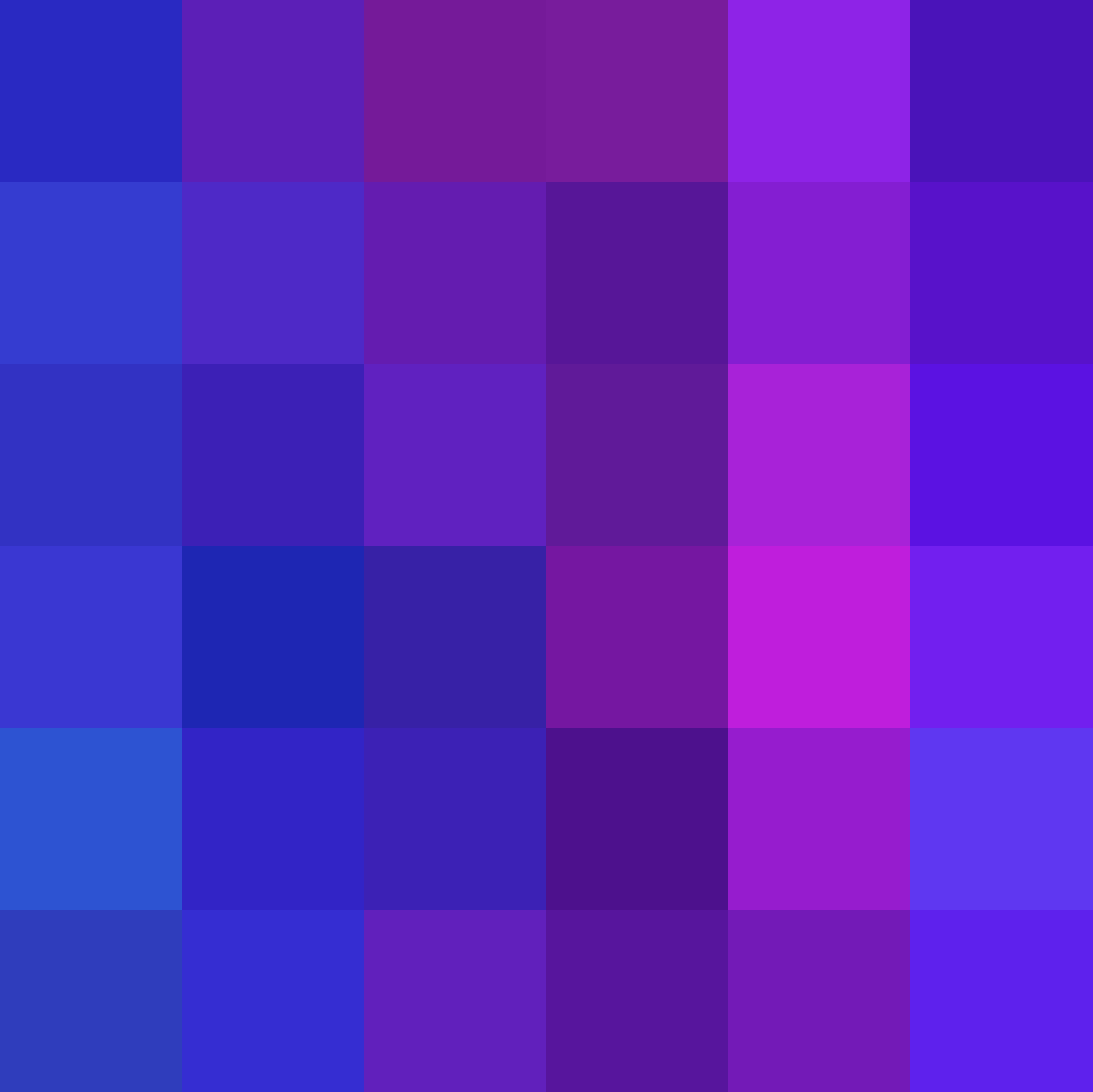
A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly violet, but it also has quite some indigo, quite some purple, and some blue in it.
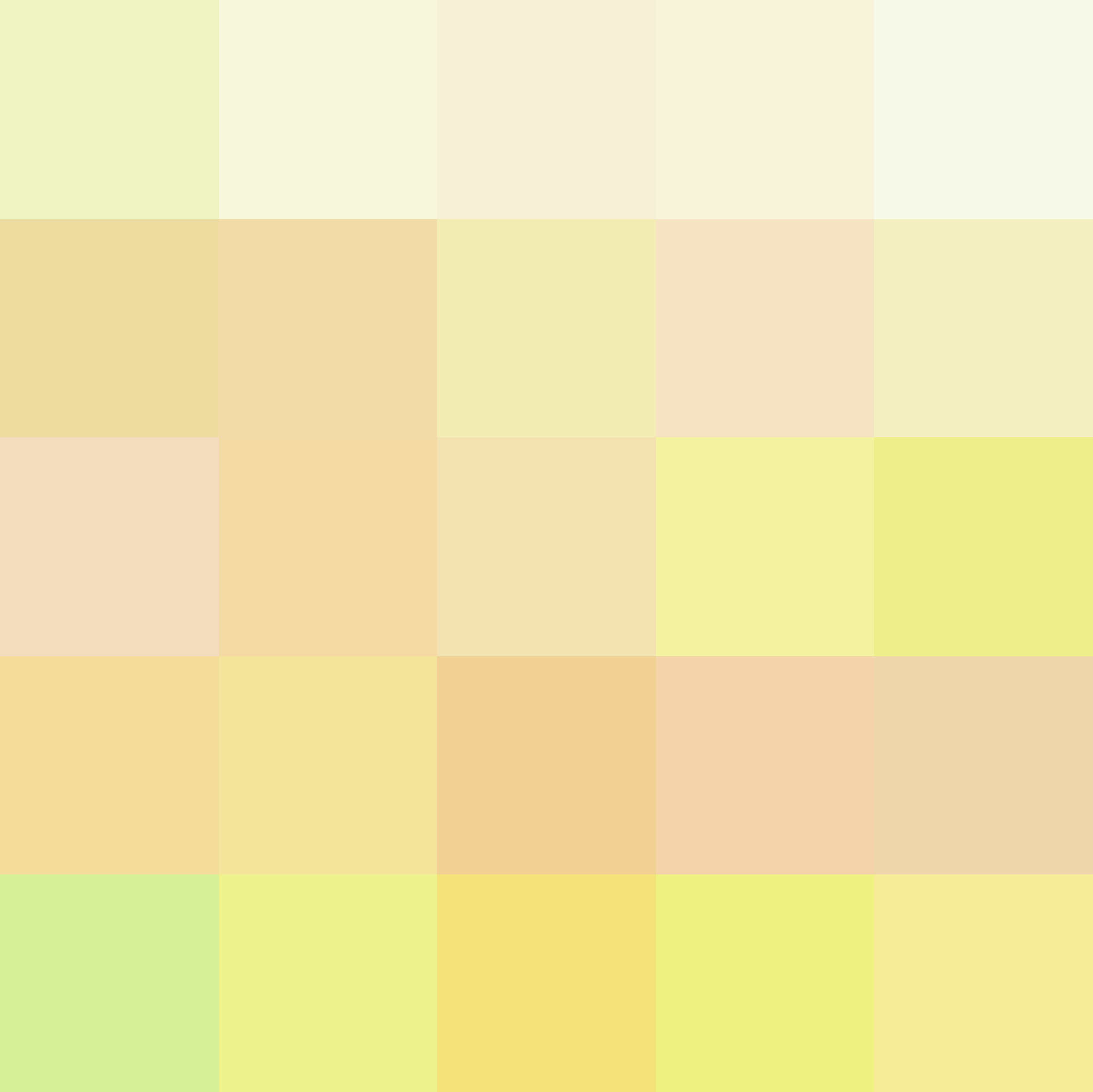
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly yellow, but it also has quite some orange, and a bit of lime in it.
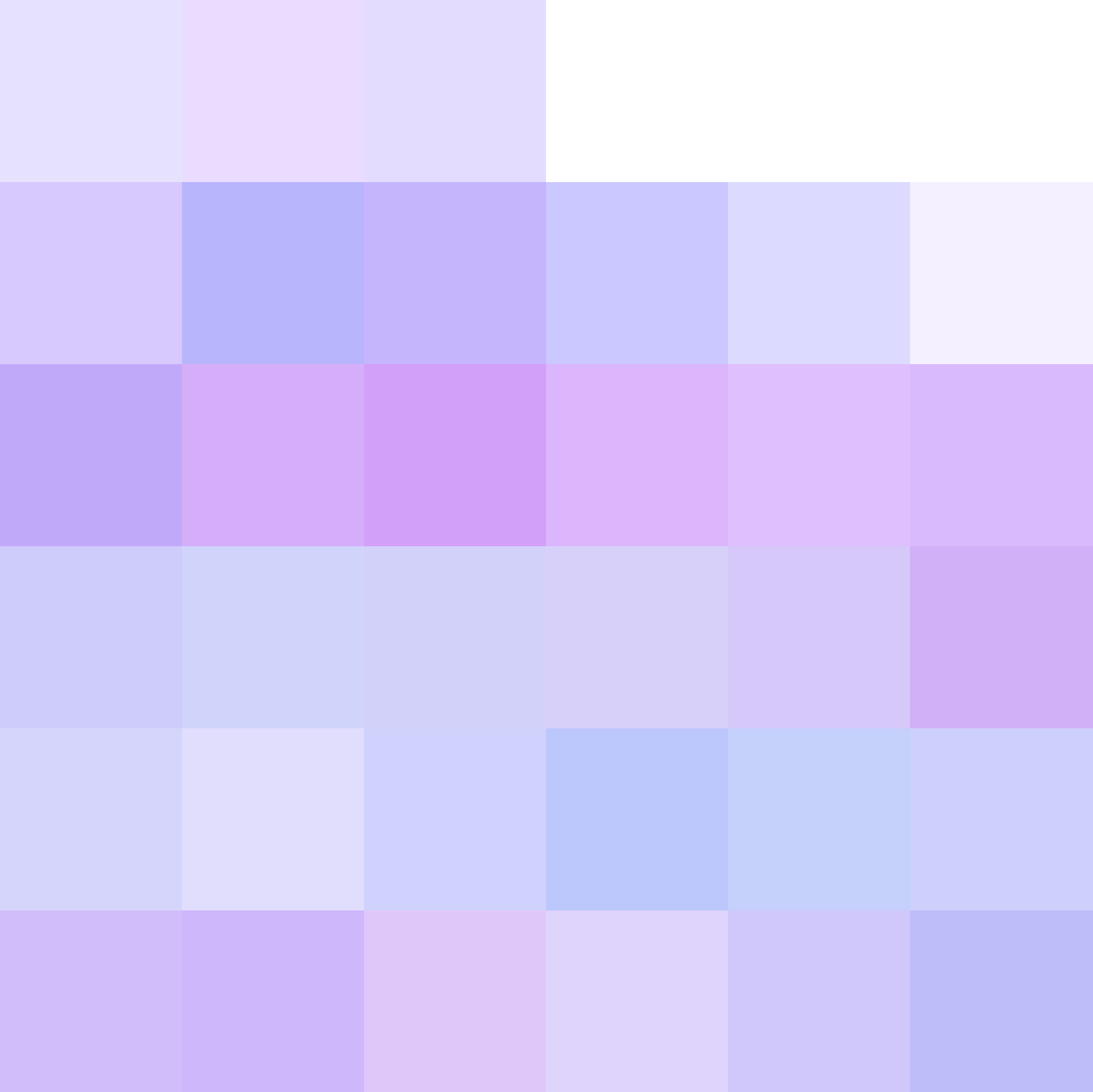
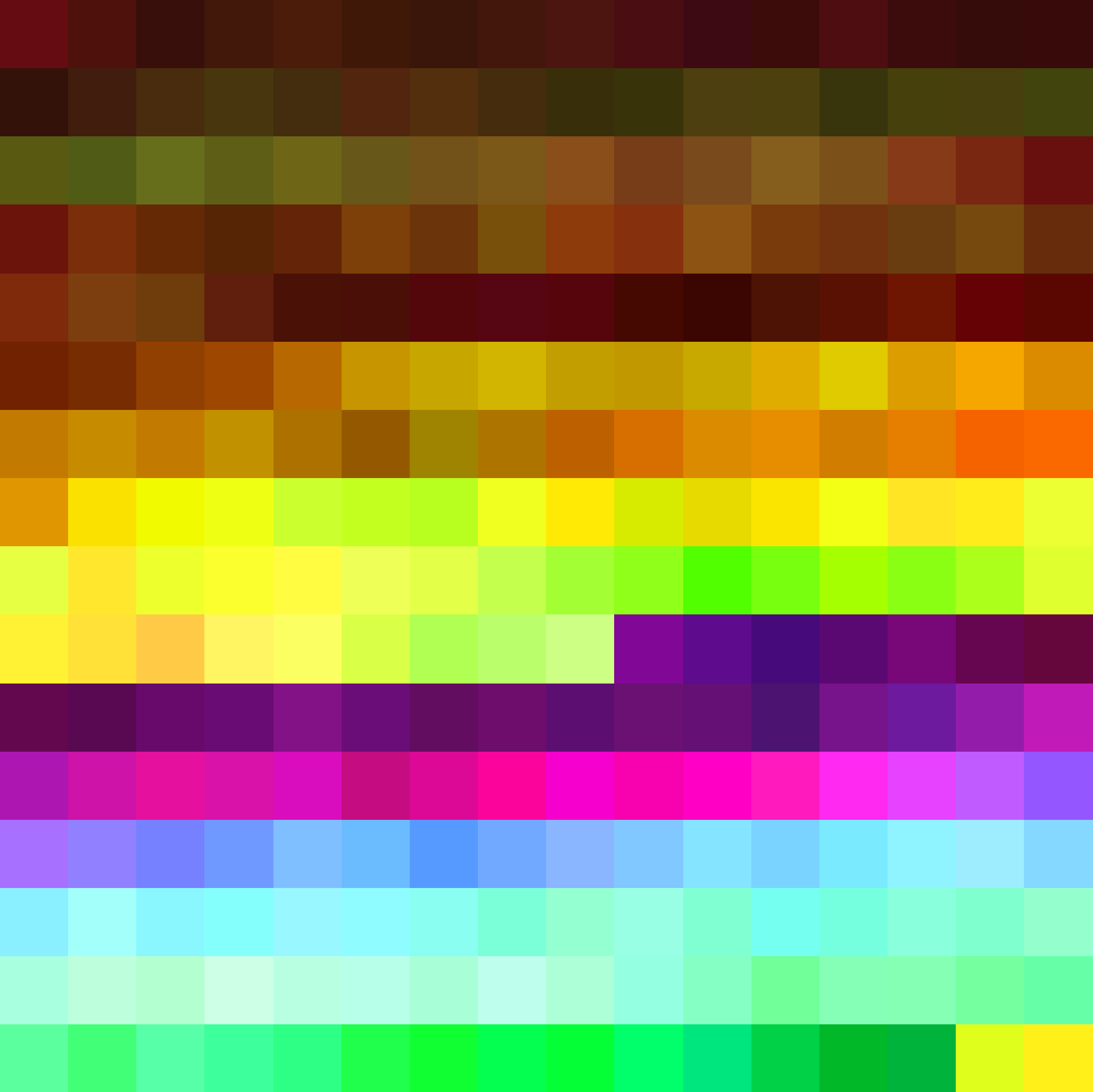A grid of 36 blocks. It's mostly indigo, and it also has some blue, some violet, and some purple in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly orange, but it also has some yellow, some green, some red, some magenta, a little bit of cyan, a little bit of purple, a little bit of blue, a tiny bit of lime, a tiny bit of violet, and a tiny bit of indigo in it.
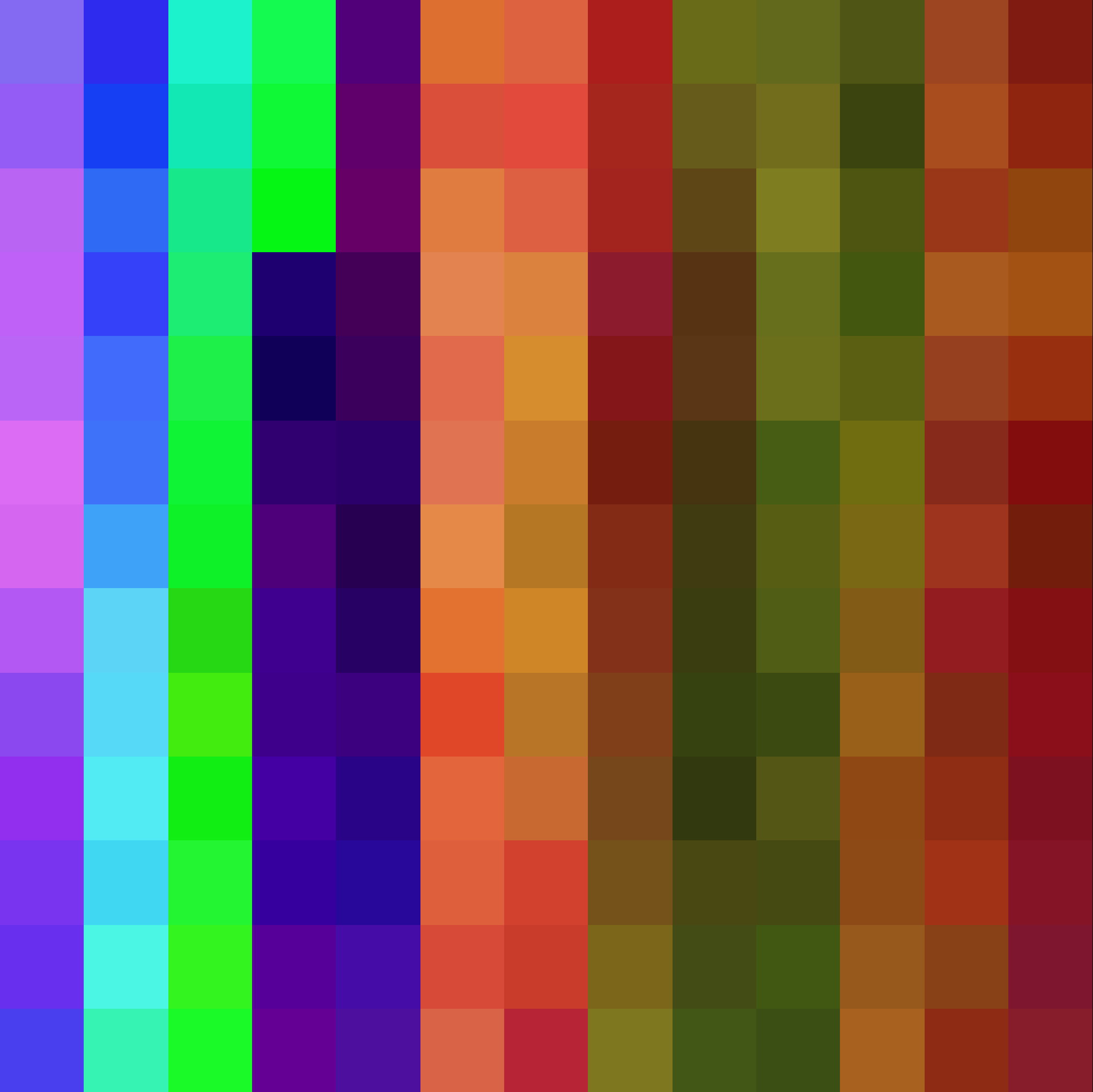
A colourful grid of 100 blocks. It's mostly red,
but it also has quite some yellow, some orange, a
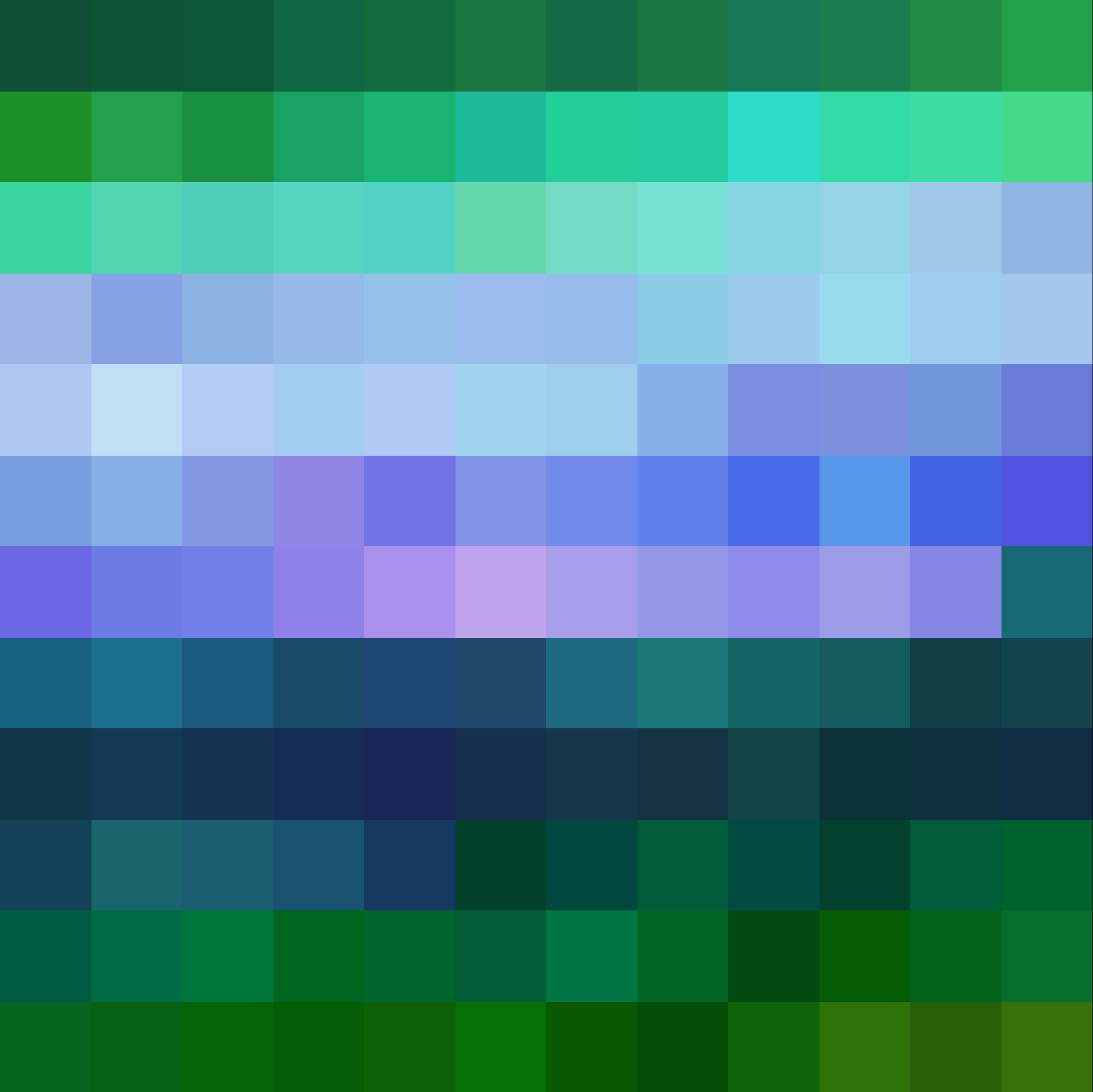little bit of lime, and a tiny bit of green in it.

This colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly orange, but it also has quite some red, some yellow, a little bit of magenta, and a little bit of rose in it.

There's a pixel gradient in this 10 by 10 grid. It is mostly green, and it also has quite some yellow, some lime, and a tiny bit of orange in it.

A very, very colourful grid of 169 blocks. It's mostly red, but it also has some orange, some yellow, a bit of green, a bit of violet, a bit of purple, a little bit of indigo, a little bit of cyan, a little bit of blue, a little bit of lime, and a tiny bit of magenta in it.

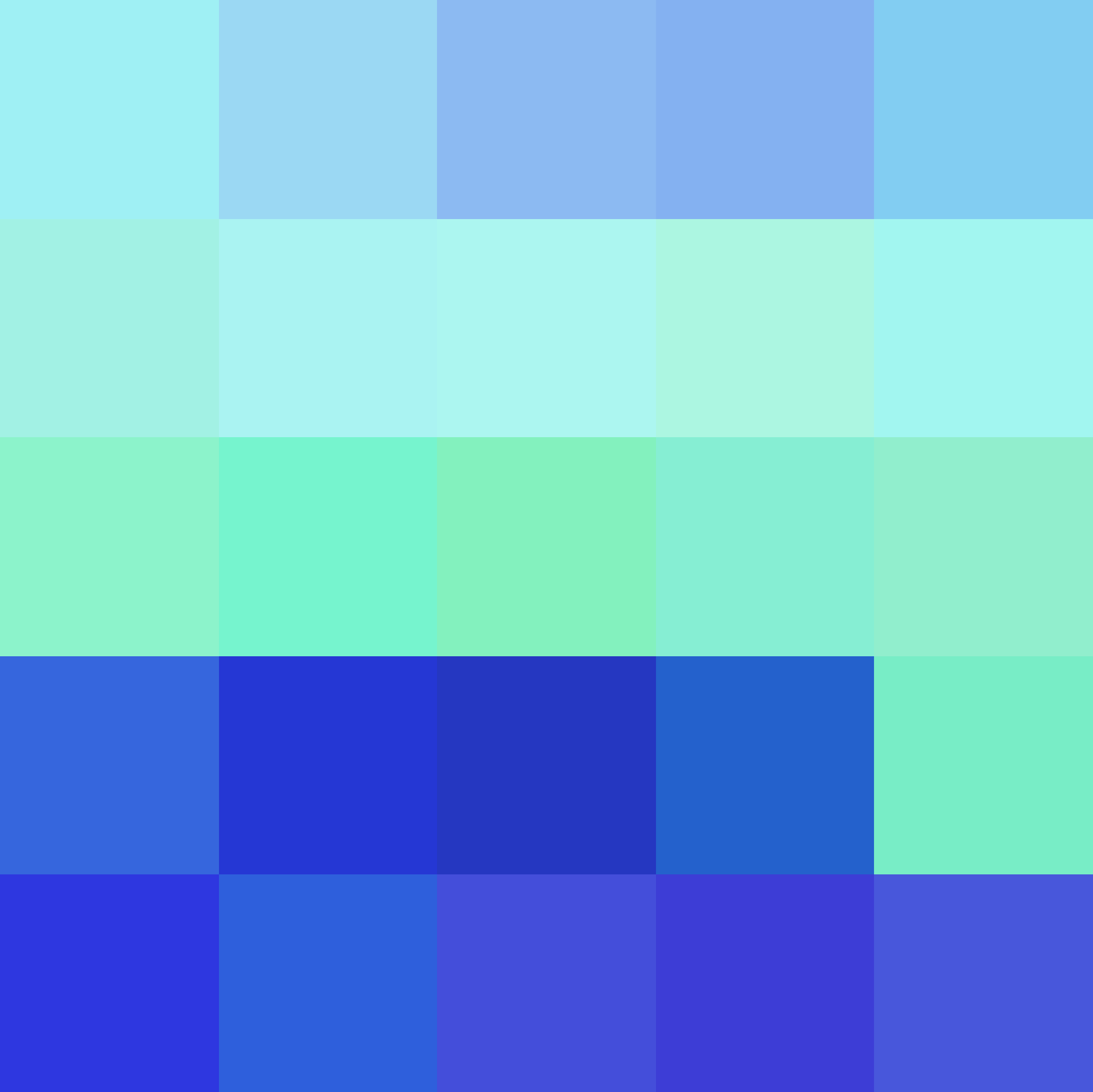There's a colourful pixel gradient in this 12 by 12 grid. It is mostly blue, but it also has quite some green, some cyan, a little bit of indigo, and a tiny bit of violet in it.
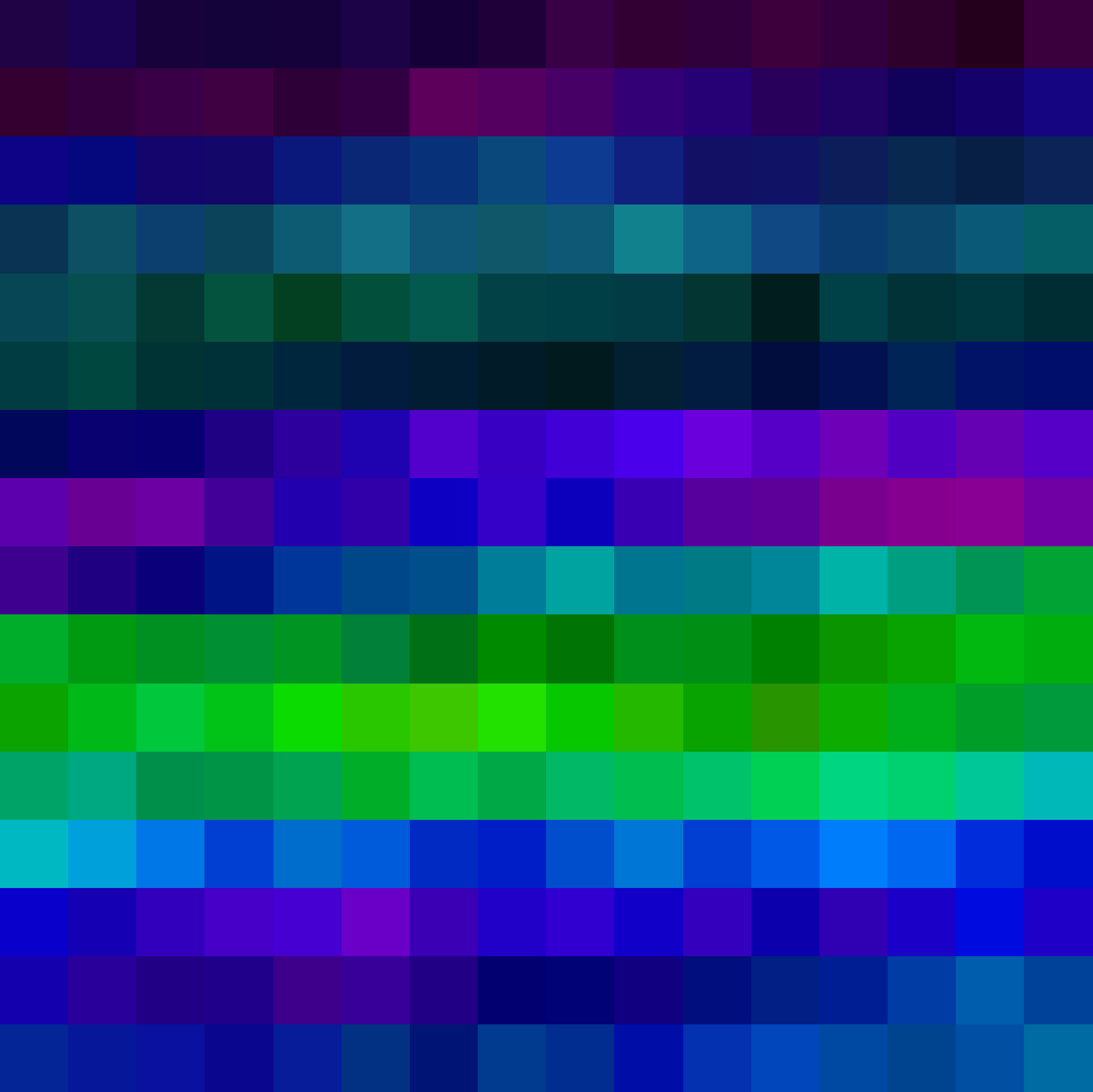
This very colourful gradient, generated in this 16 by 16 pixel grid, is mostly blue, but it also has some indigo, some green, some cyan, a bit of purple, a bit of violet, and a little bit of magenta in it.
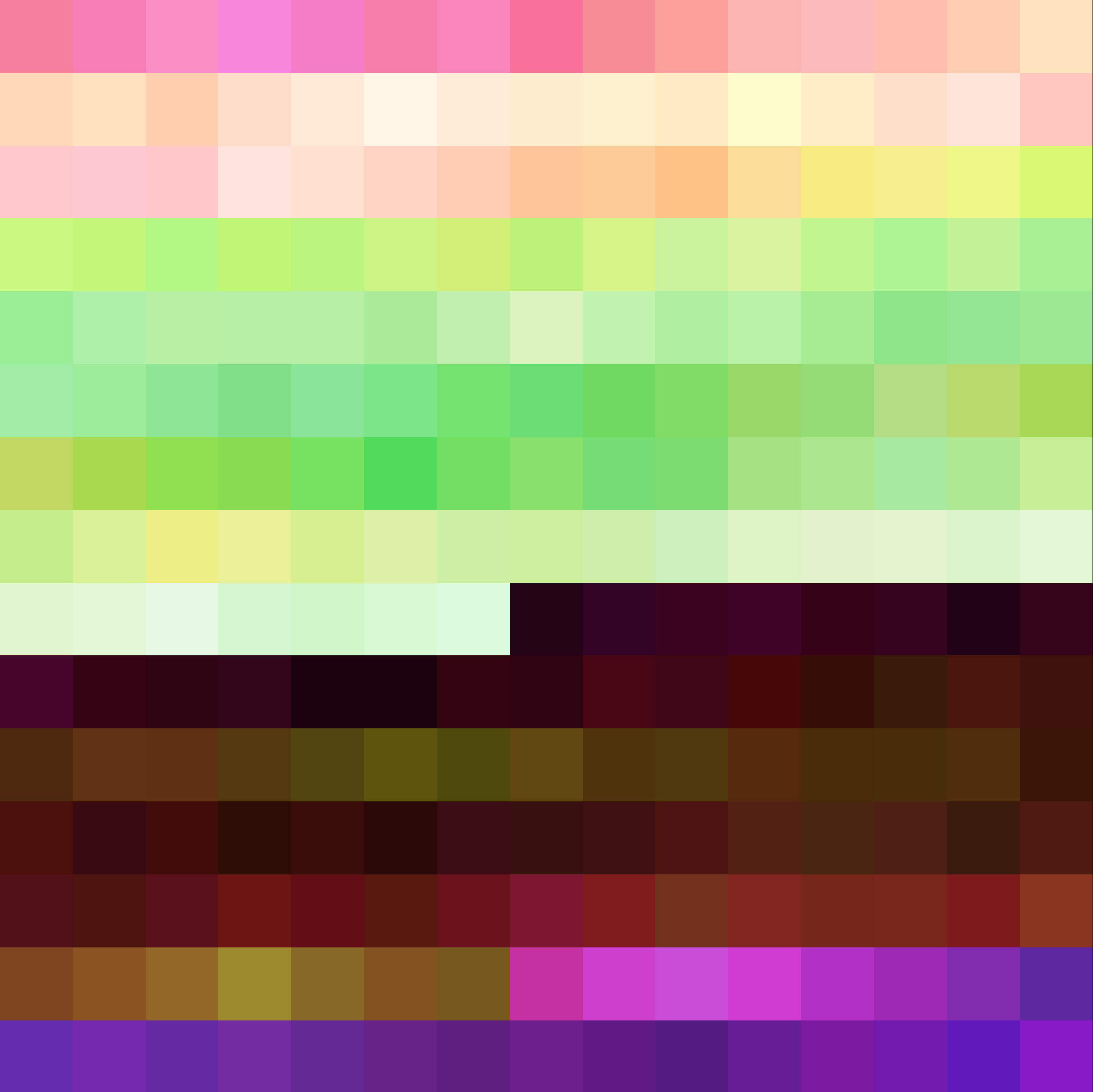
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some red, some orange, a bit of rose, a little bit of purple, a little bit of magenta, a little bit of yellow, a little bit of lime, and a tiny bit of violet in it.
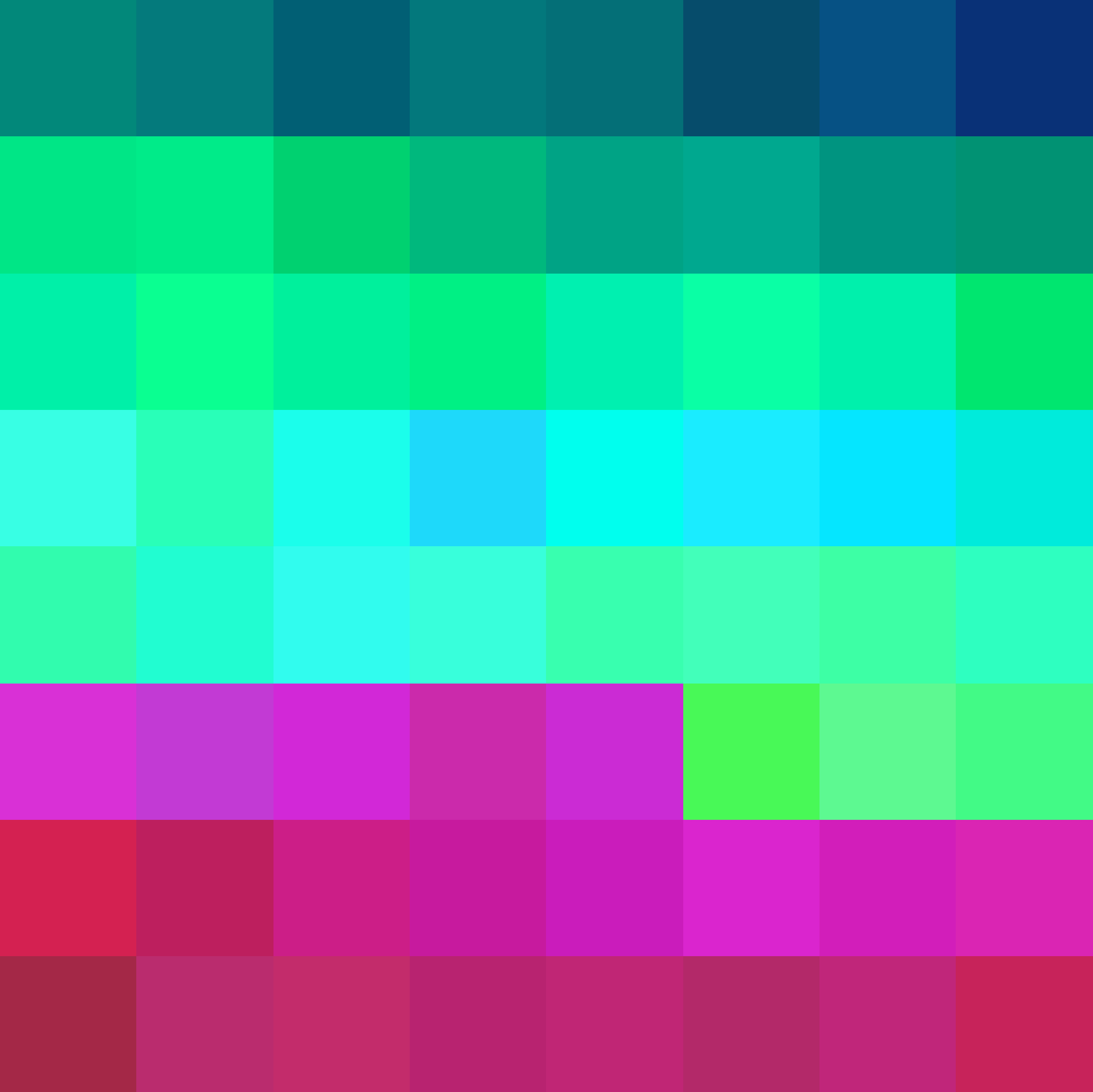
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, but it also has quite some cyan, and quite some green in it.
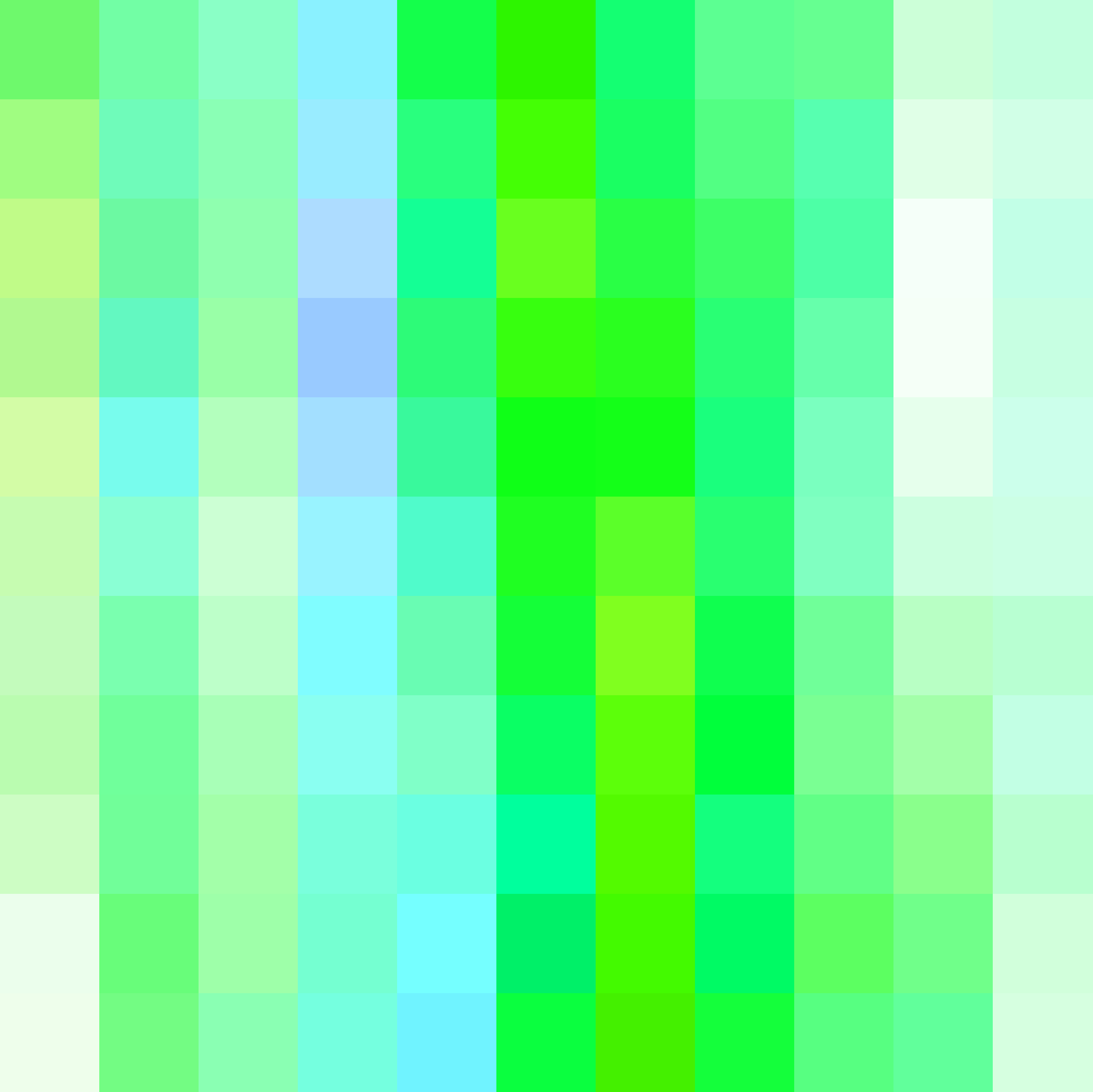
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly magenta, but it also has quite some rose, some red, a bit of green, a little bit of purple, a little bit of orange, a little bit of cyan, a tiny bit of indigo, a tiny bit of violet, a tiny bit of yellow, and a tiny bit of lime in it.

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly cyan, but it also has quite some green, some magenta, some rose, a little bit of blue, and a tiny bit of red in it.

A grid of 121 blocks. It's mostly green, but it also has a bit of cyan, and a tiny bit of blue in it.
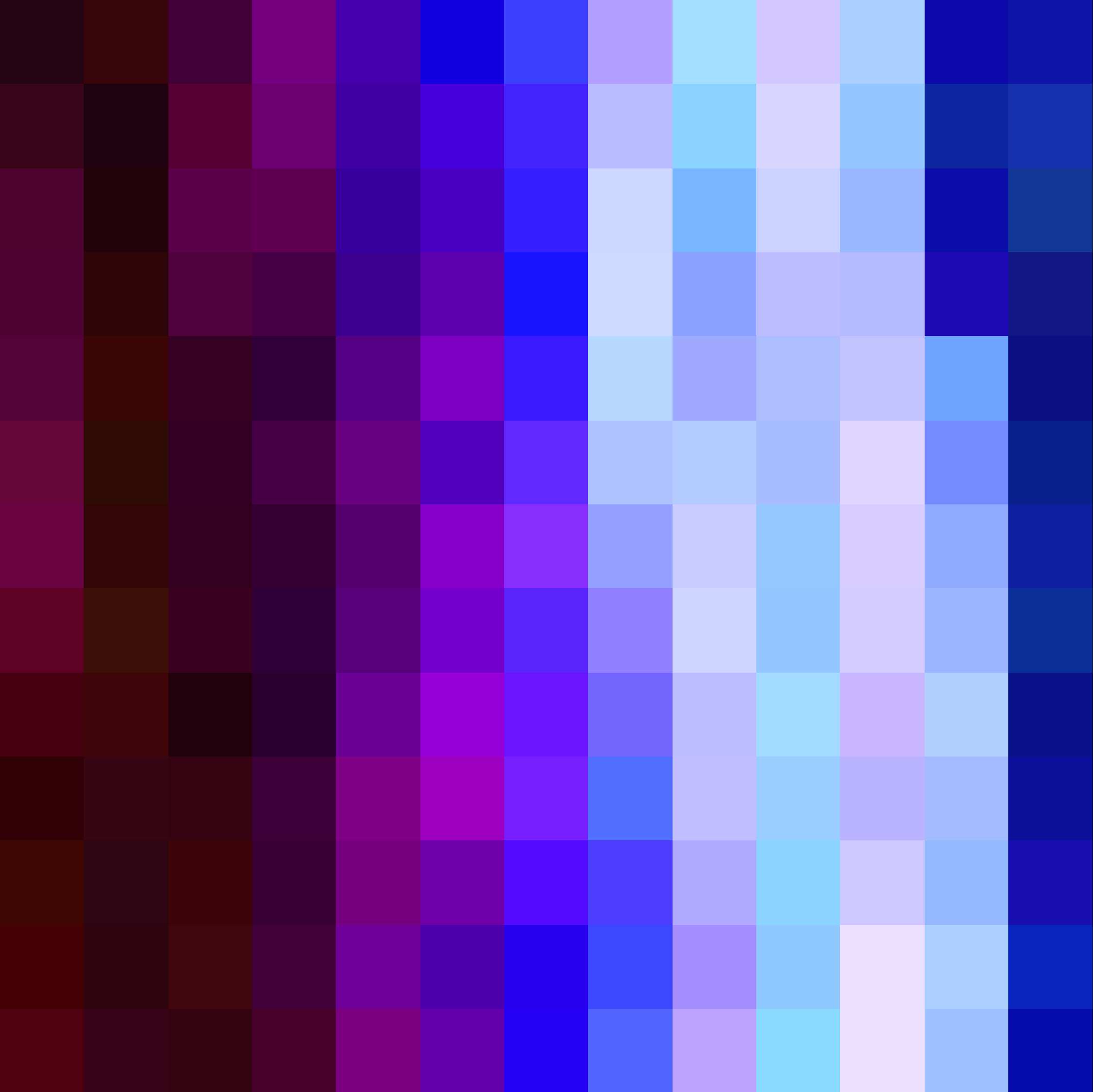
A very colourful grid of 169 blocks. It's mostly blue, but it also has some indigo, some magenta, a bit of red, a bit of purple, a bit of violet, and a bit of rose in it.
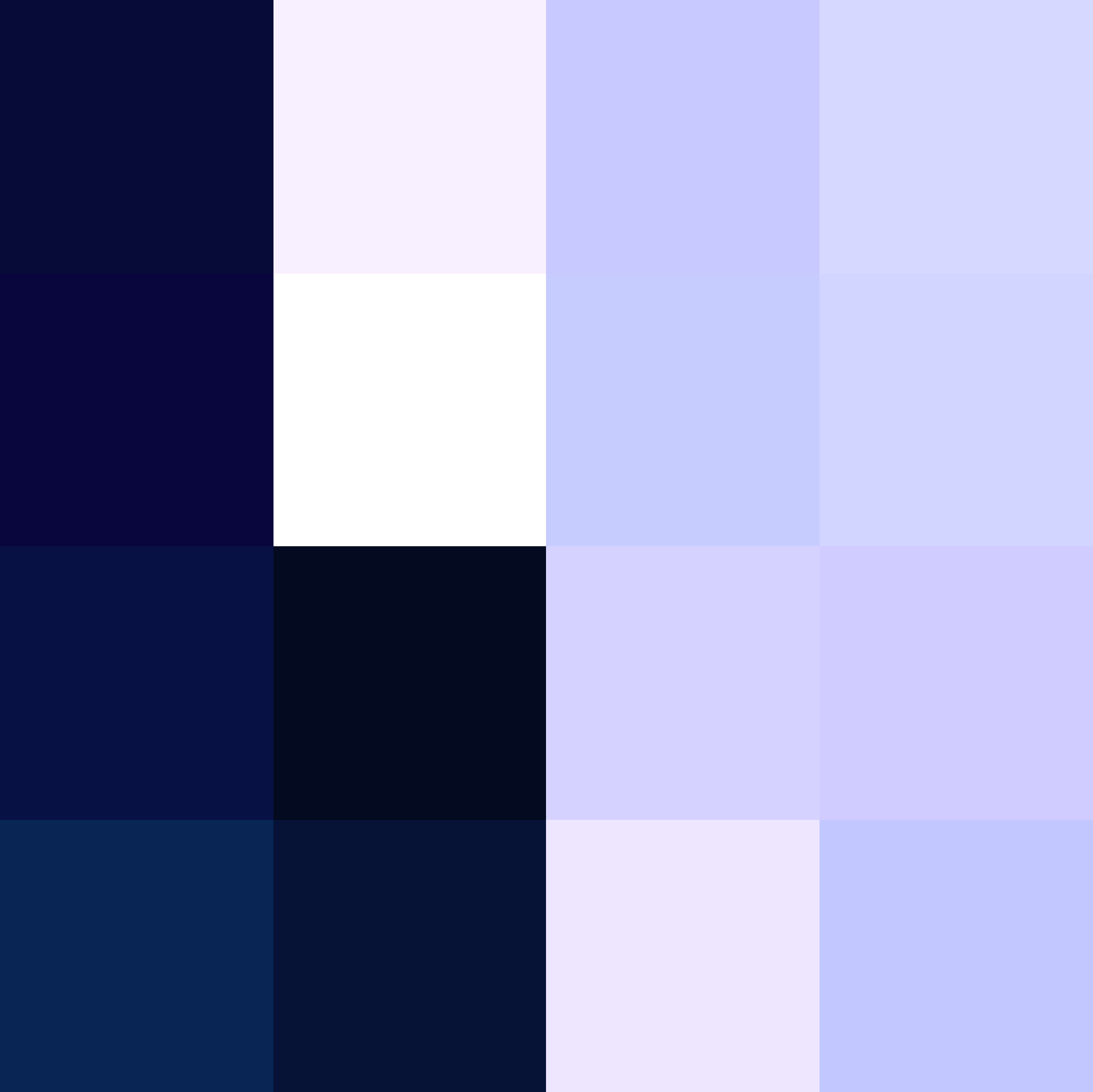
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly orange, and it also has some red, some rose, some magenta, some yellow, a bit of indigo, and a bit of blue in it.

This gradient, generated in this 4 by 4 pixel grid, is mostly blue, but it also has quite some indigo, and some purple in it.
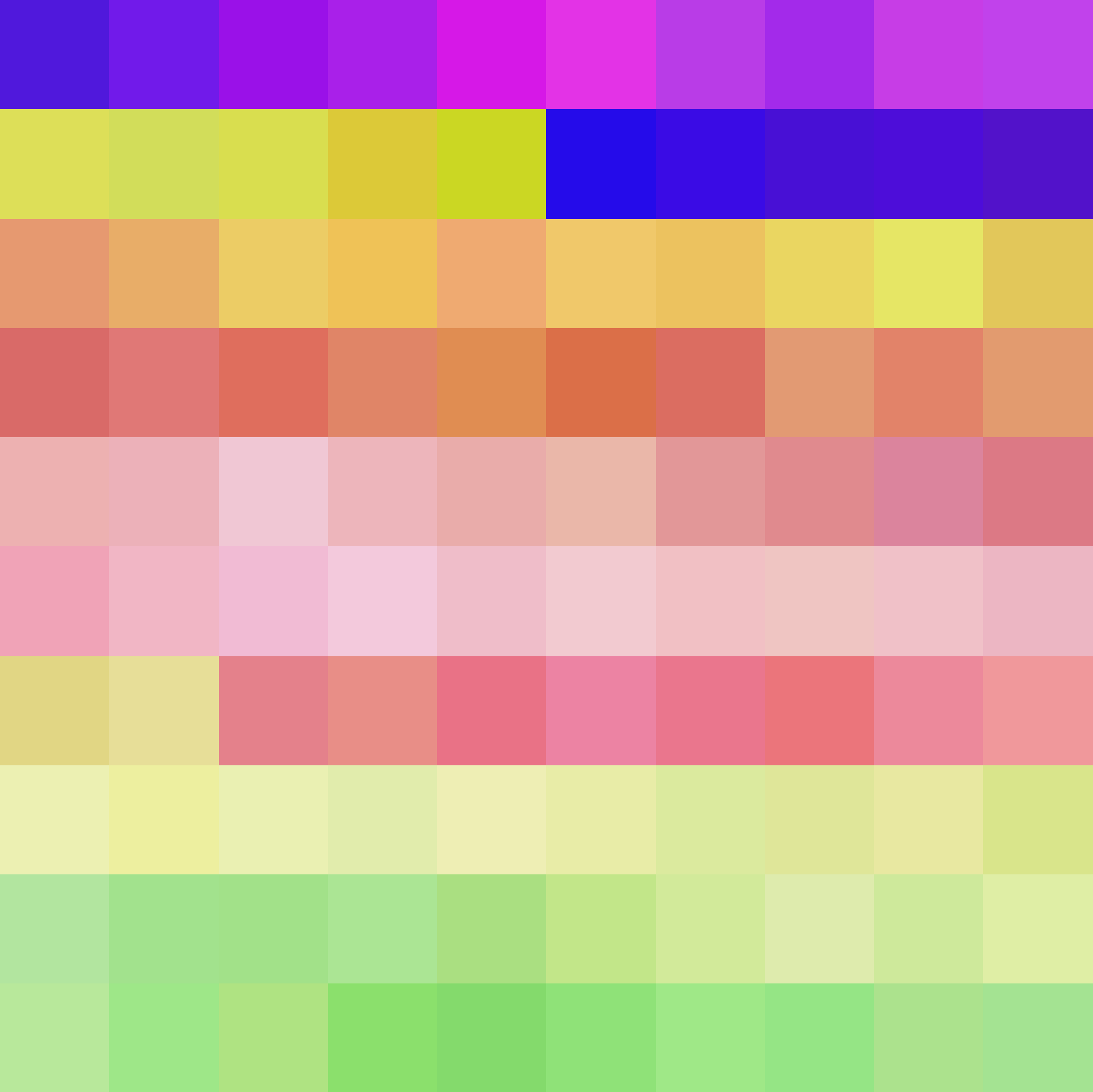
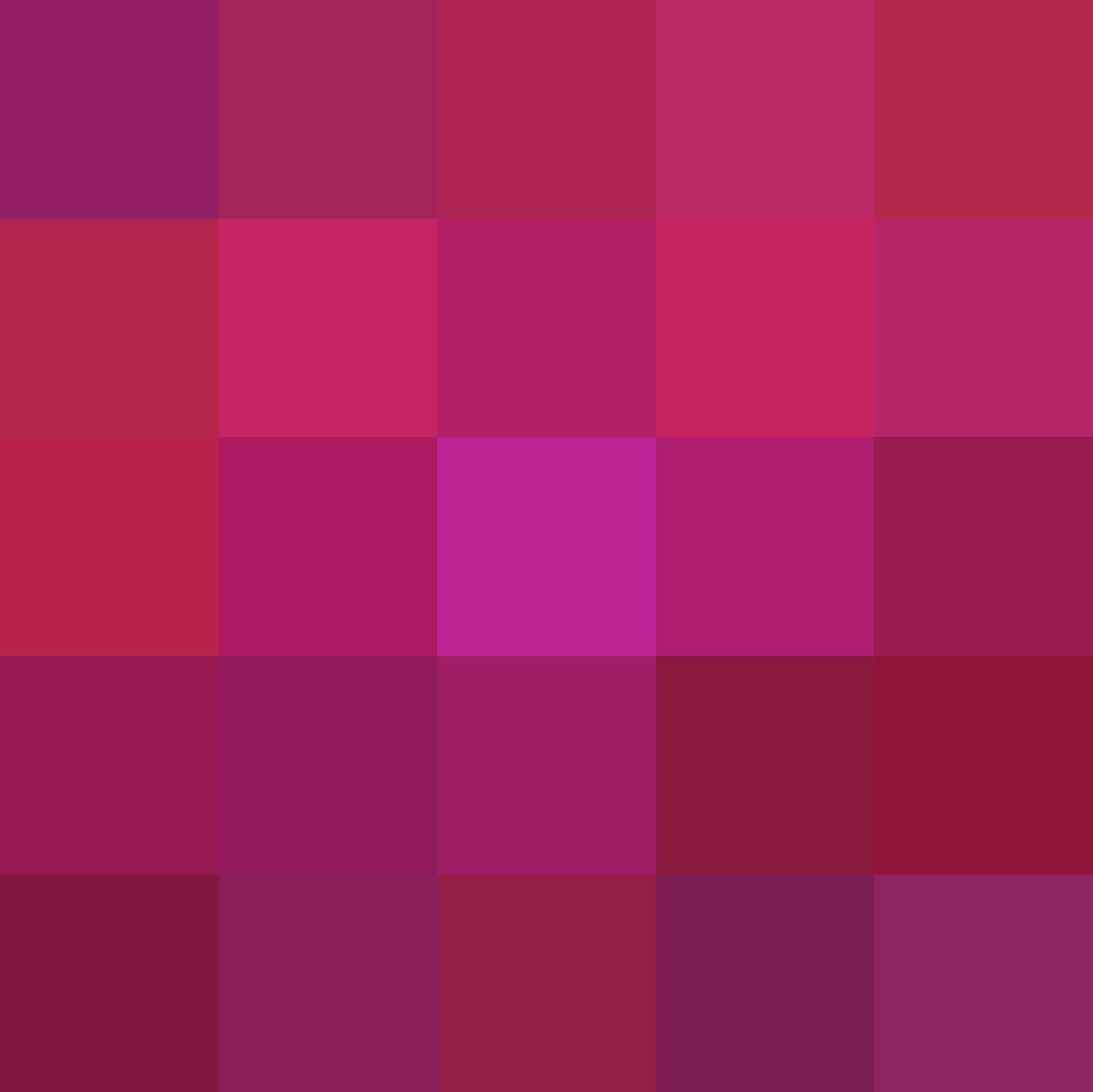A grid with 100 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some yellow, some green, a bit of orange, a little bit of purple, a little bit of indigo, a little bit of lime, a tiny bit of magenta, and a tiny bit of violet in it.

This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly rose, but it also has quite some magenta in it.
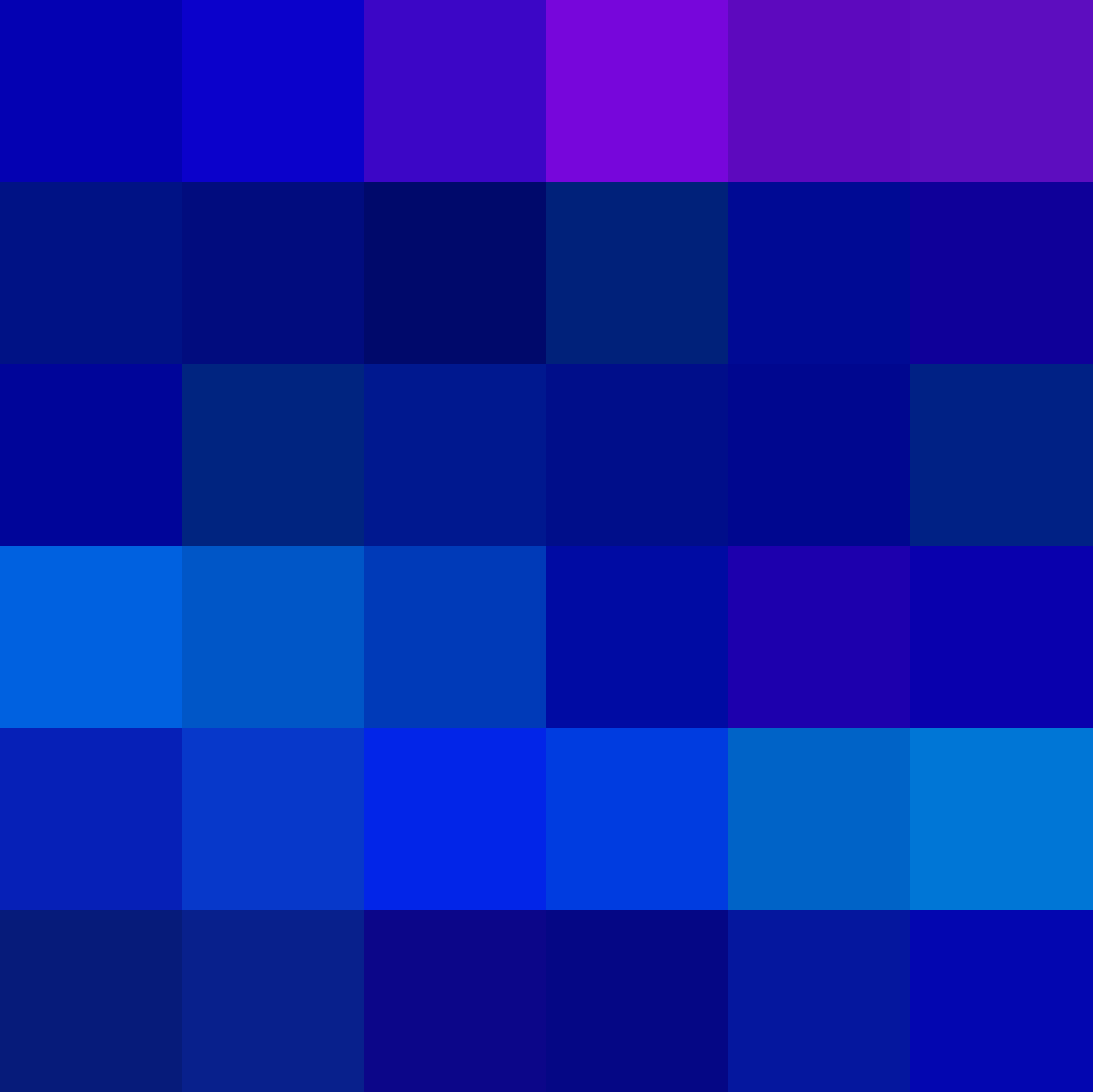
The cells in this 6 by 6 pixel grid form a gradient. It is mostly blue, but it also has some indigo, a little bit of violet, and a little bit of purple in it.
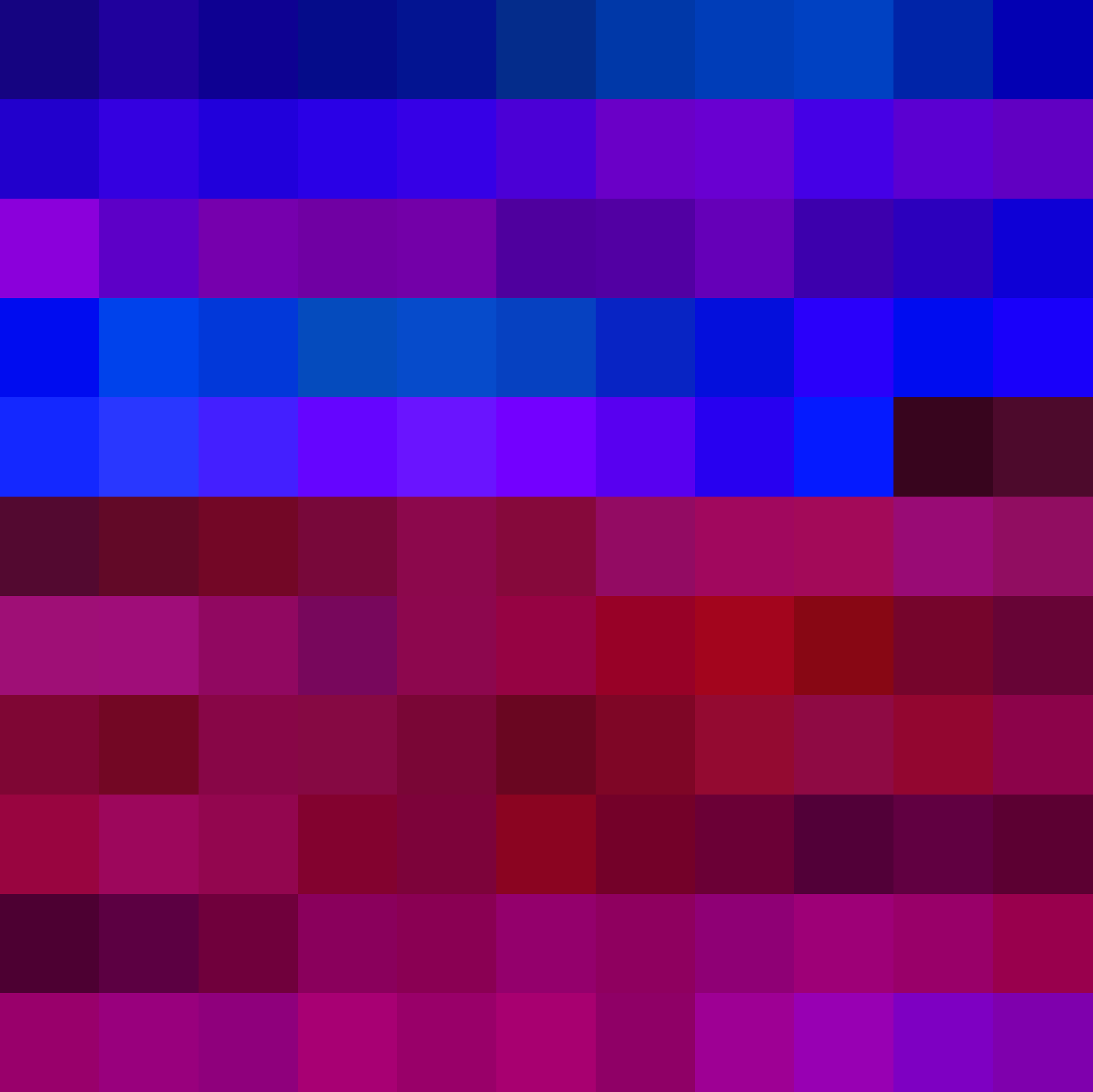
Here's an 11 by 11 pixelated grid that forms a very colourful gradient. It is mostly rose, and it also has quite some magenta, some blue, some indigo, a bit of violet, a bit of purple, and a little bit of red in it.

There's a very, very colourful pixel gradient in this 12 by 12 grid. It is mostly magenta, and it also has quite some orange, quite some rose, some yellow, a bit of red, a little bit of purple, a tiny bit of green, and a tiny bit of lime in it.

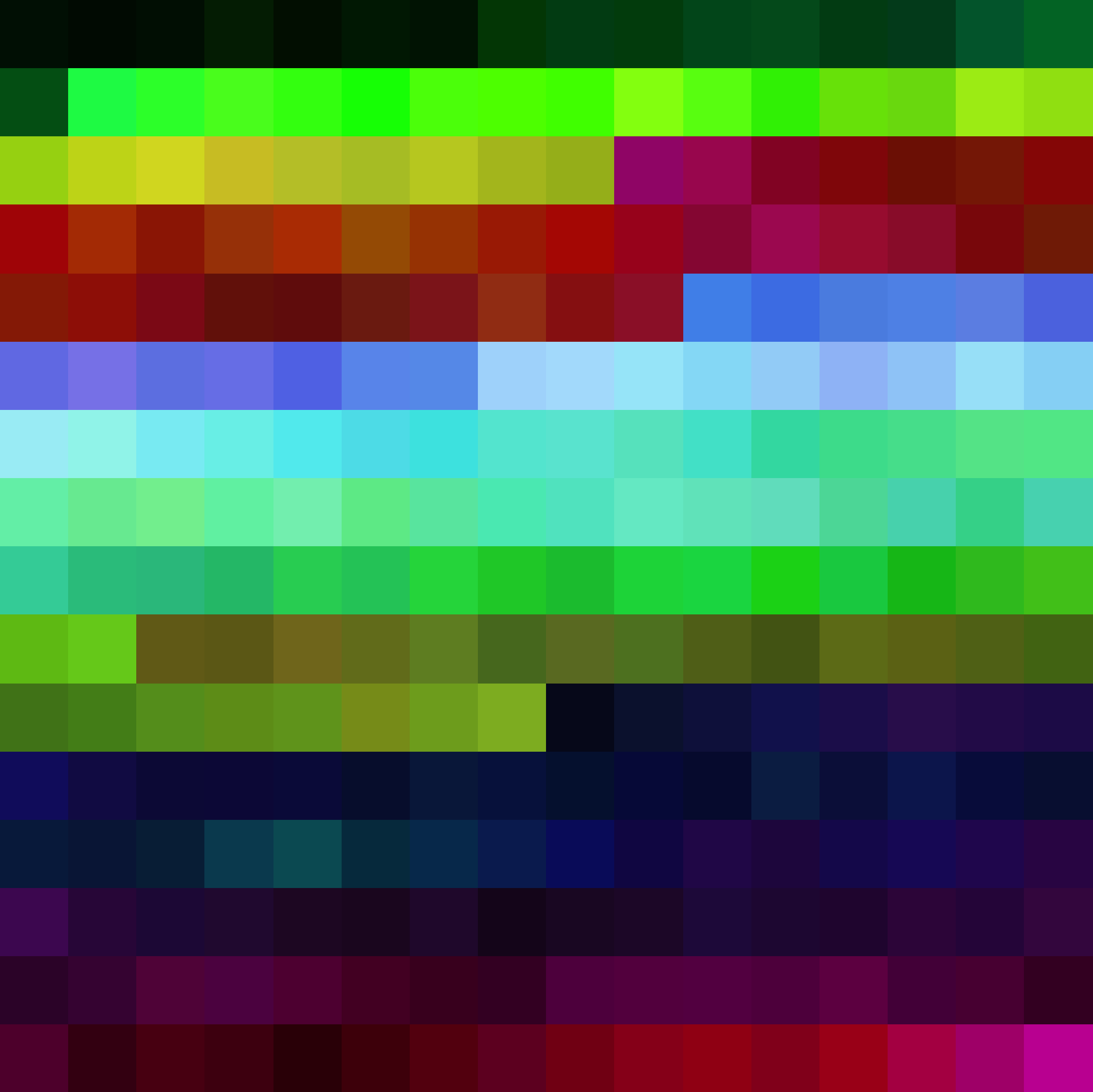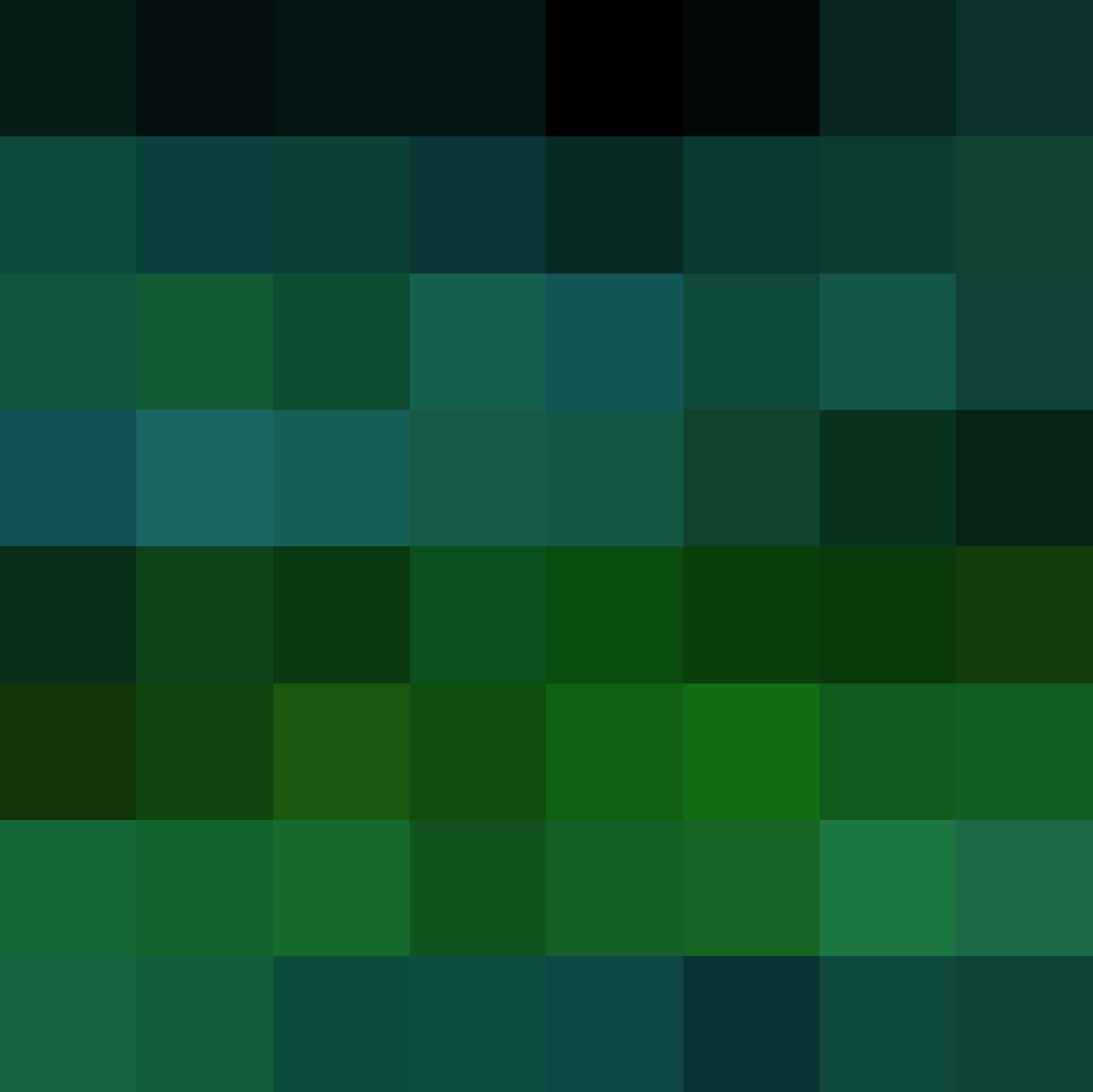This gradient, generated in this 14 by 14 pixel grid, is mostly red, and it also has quite some green, a little bit of orange, and a tiny bit of cyan in it.
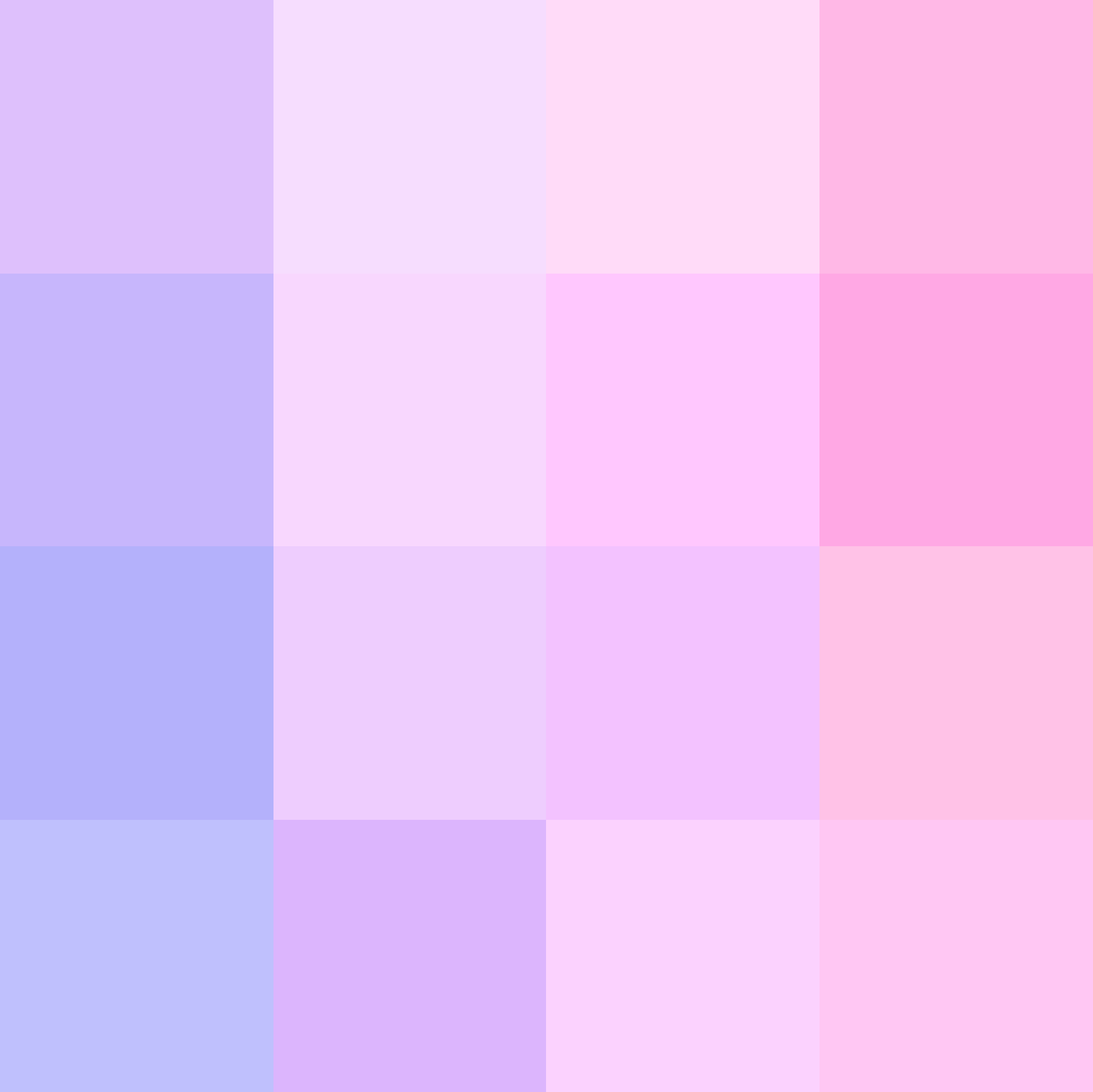
A colourful grid of 16 blocks. It's mostly magenta, but it also has quite some purple, some indigo, a little bit of blue, and a little bit of violet in it.

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

The cells in this 8 by 8 pixel grid form a two tone gradient. It is mostly green, and it also has a lot of cyan in it.
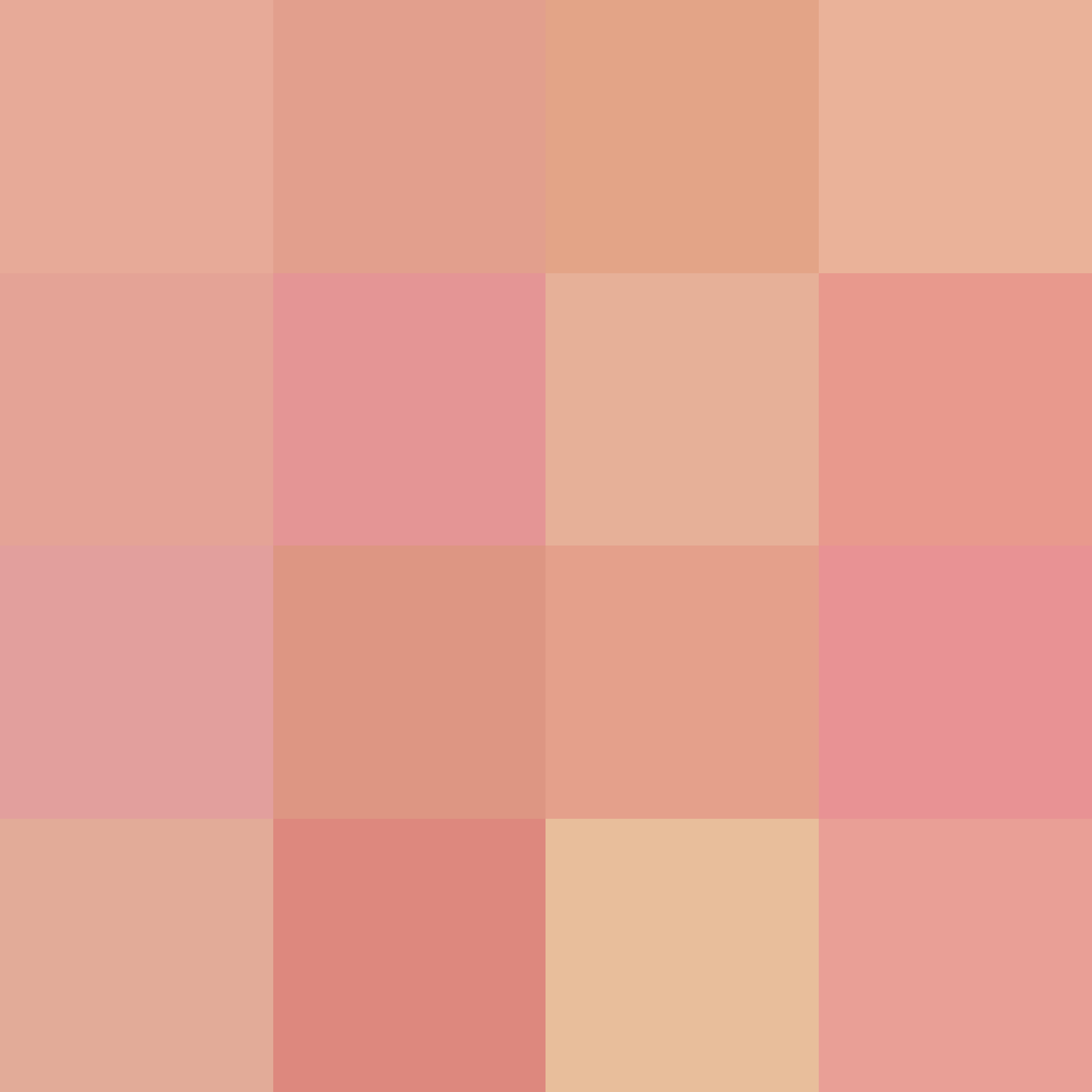
This two tone gradient, generated in this 4 by 4 pixel grid, is mostly red, and it also has quite some orange in it.

This colourful gradient, generated in this 8 by 8 pixel grid, is mostly blue, and it also has quite some yellow, quite some orange, some red, and a tiny bit of lime in it.
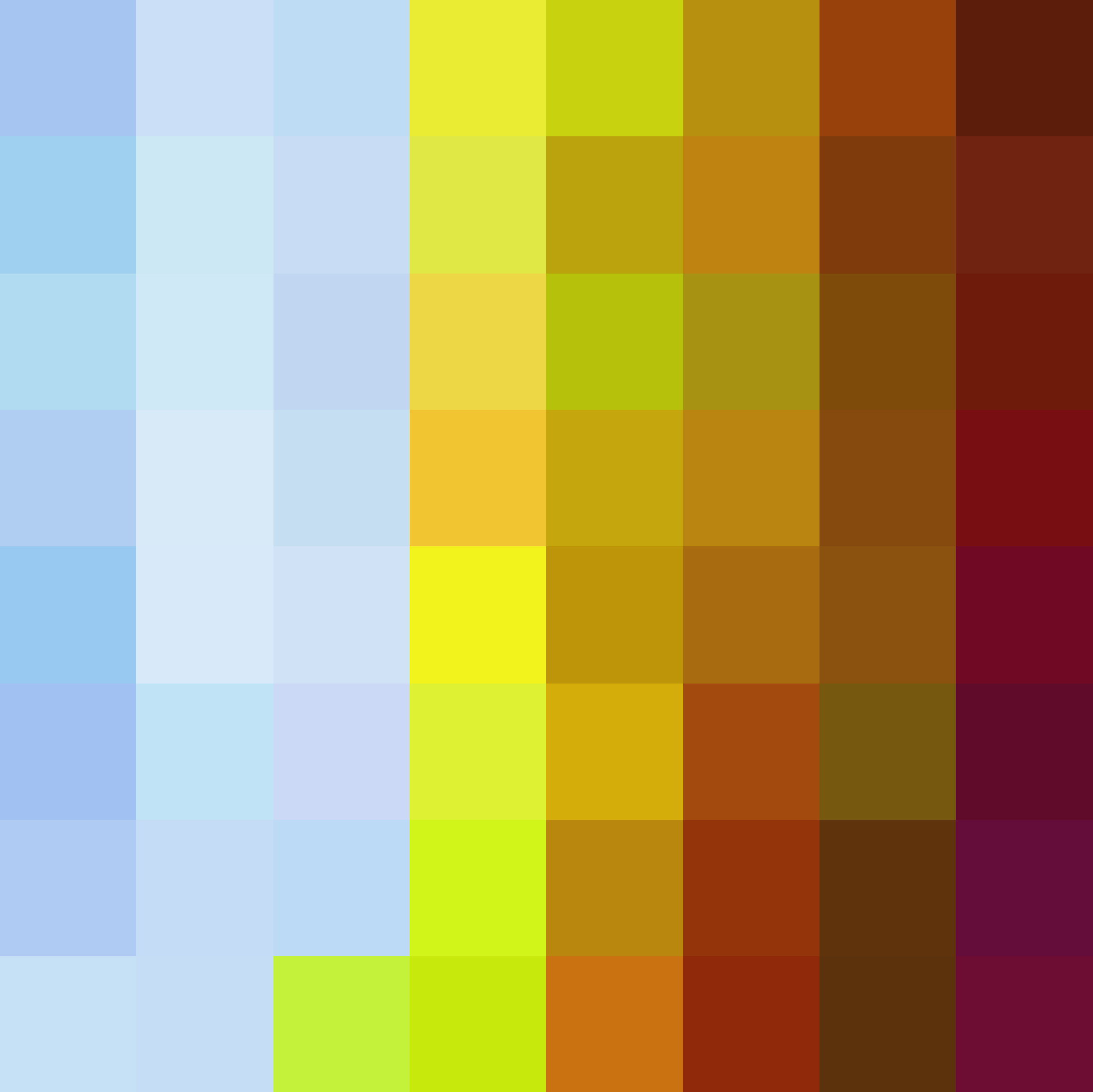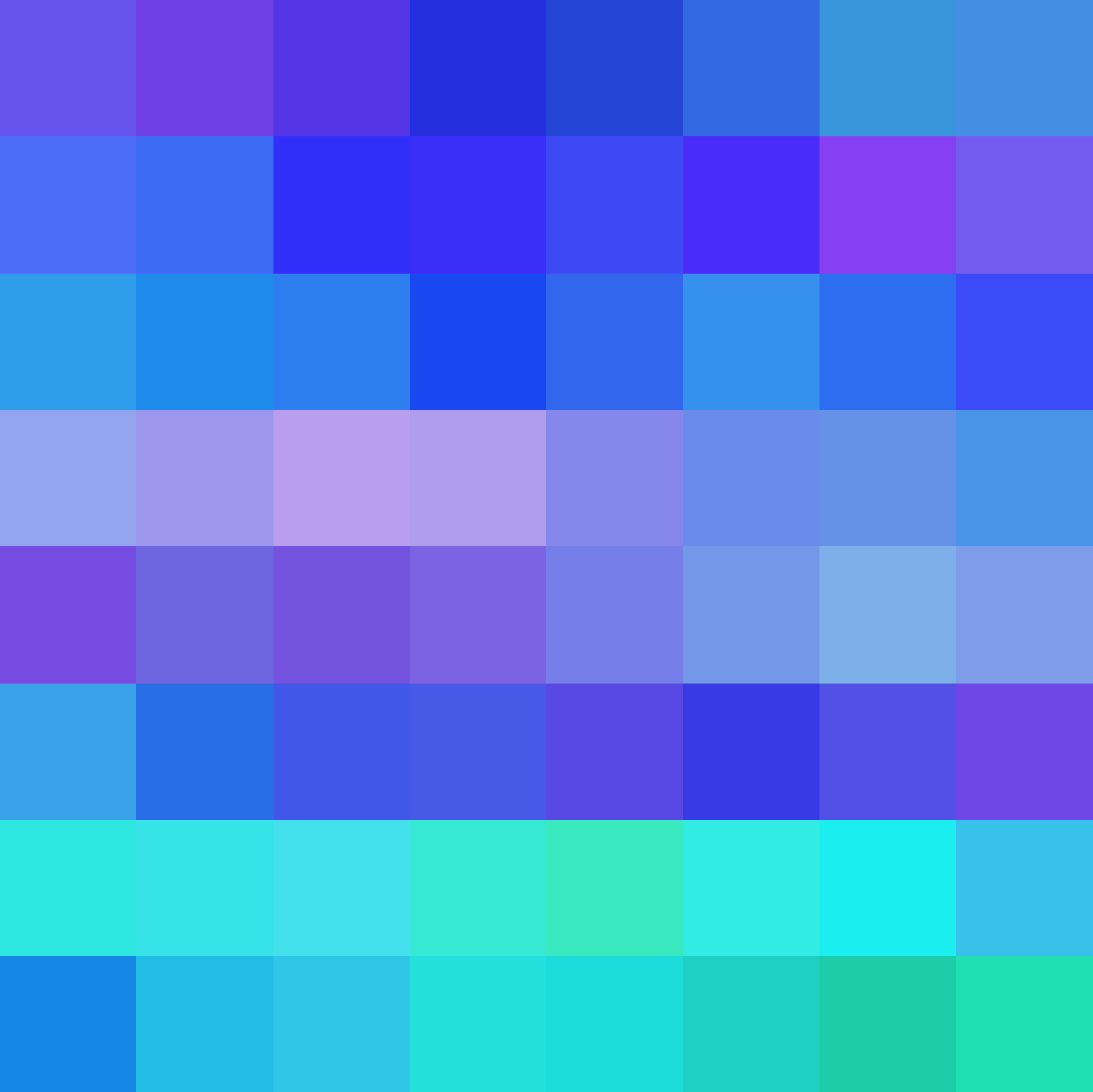
A 6 by 6 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly rose, and it also has quite some magenta, quite some indigo, some red, a bit of purple, and a little bit of violet in it.

Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some indigo, quite some cyan, and a tiny bit of violet in it.
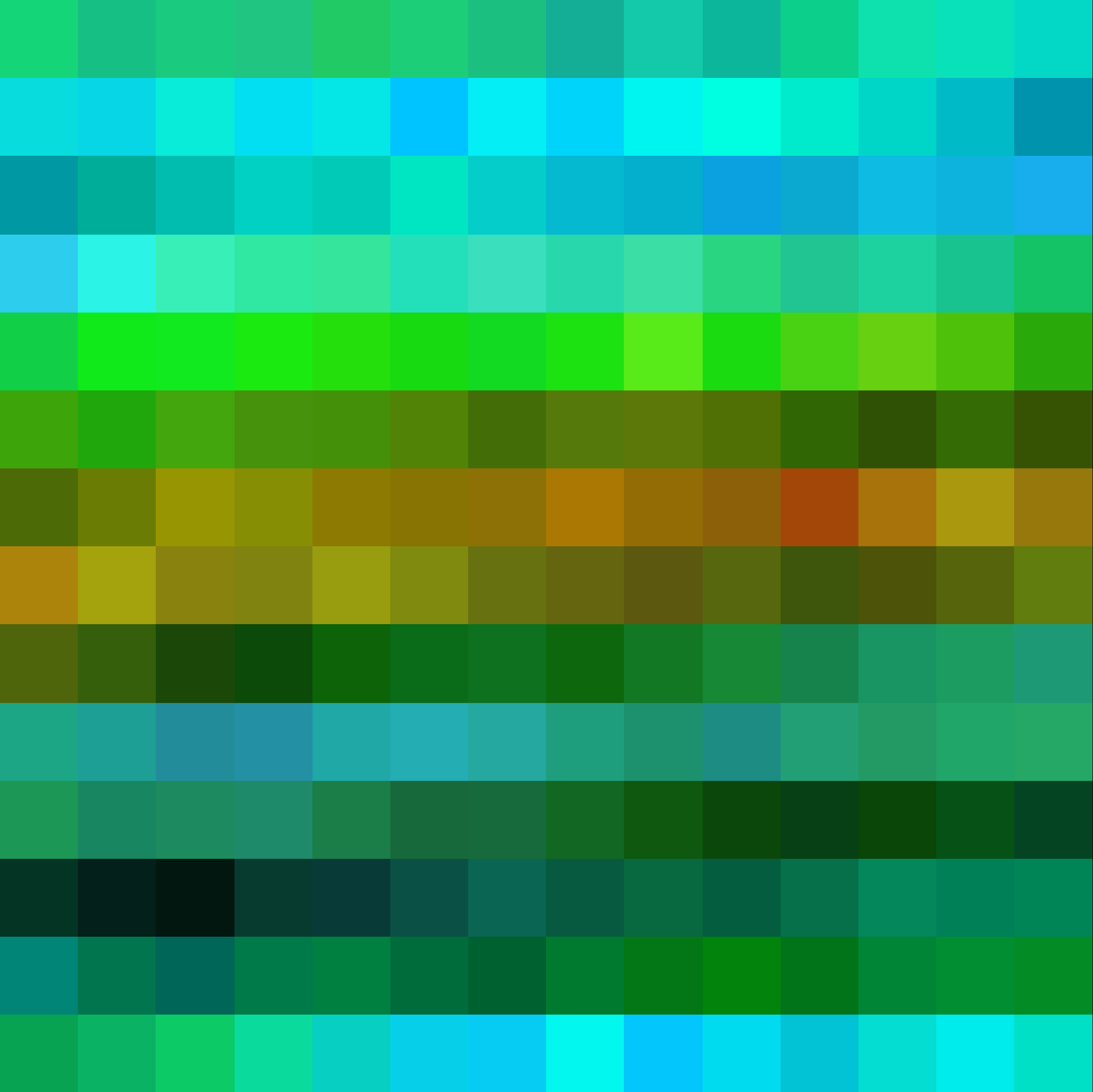
A very colourful grid of 196 blocks. It's mostly green, and it also has quite some cyan, a bit of yellow, a little bit of lime, a little bit of orange, and a tiny bit of blue in it.
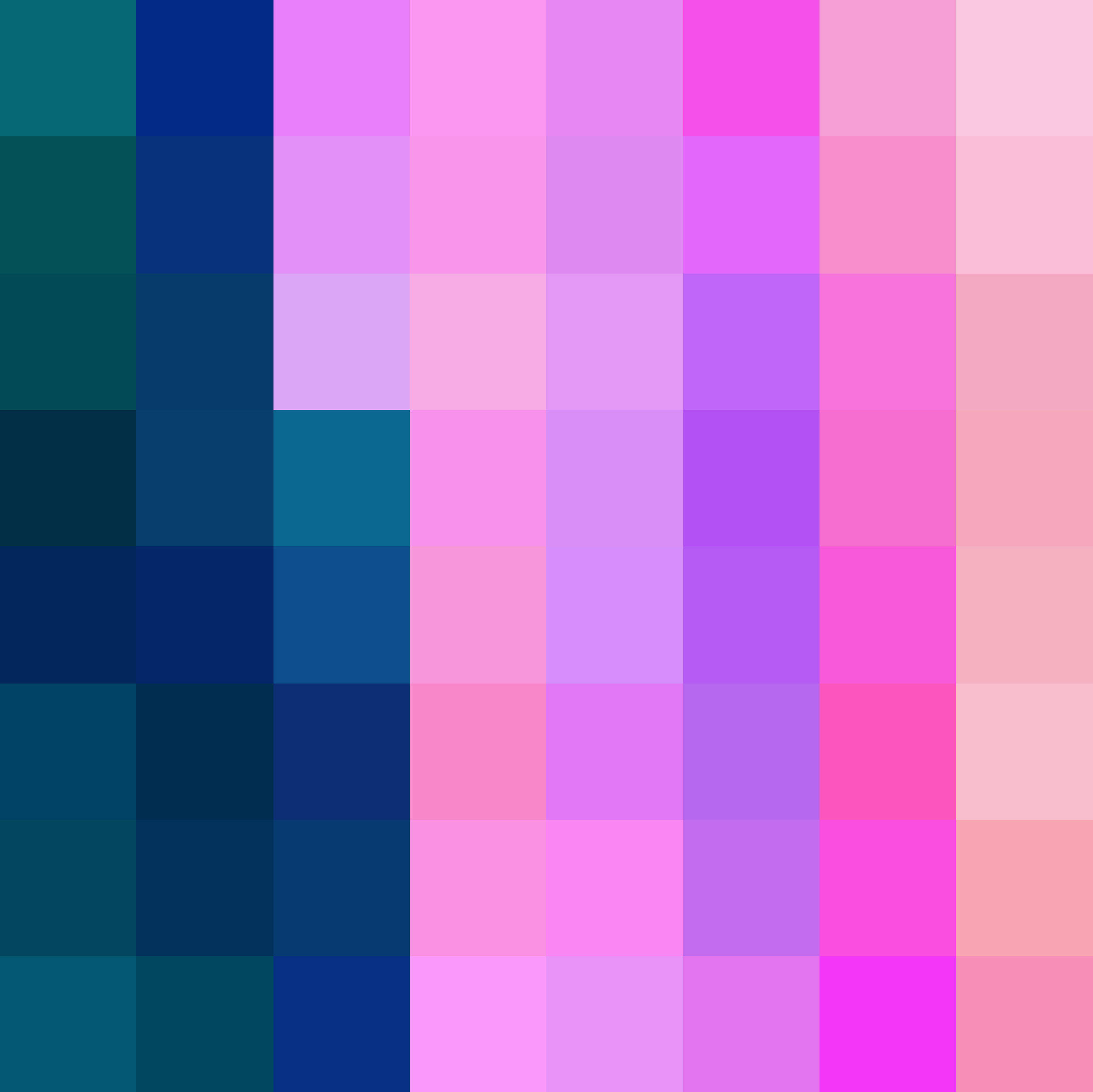
There's a very colourful pixel gradient in this 8 by 8 grid. It is mostly magenta, but it also has quite some blue, quite some purple, a little bit of rose, a little bit of red, and a little bit of cyan in it.
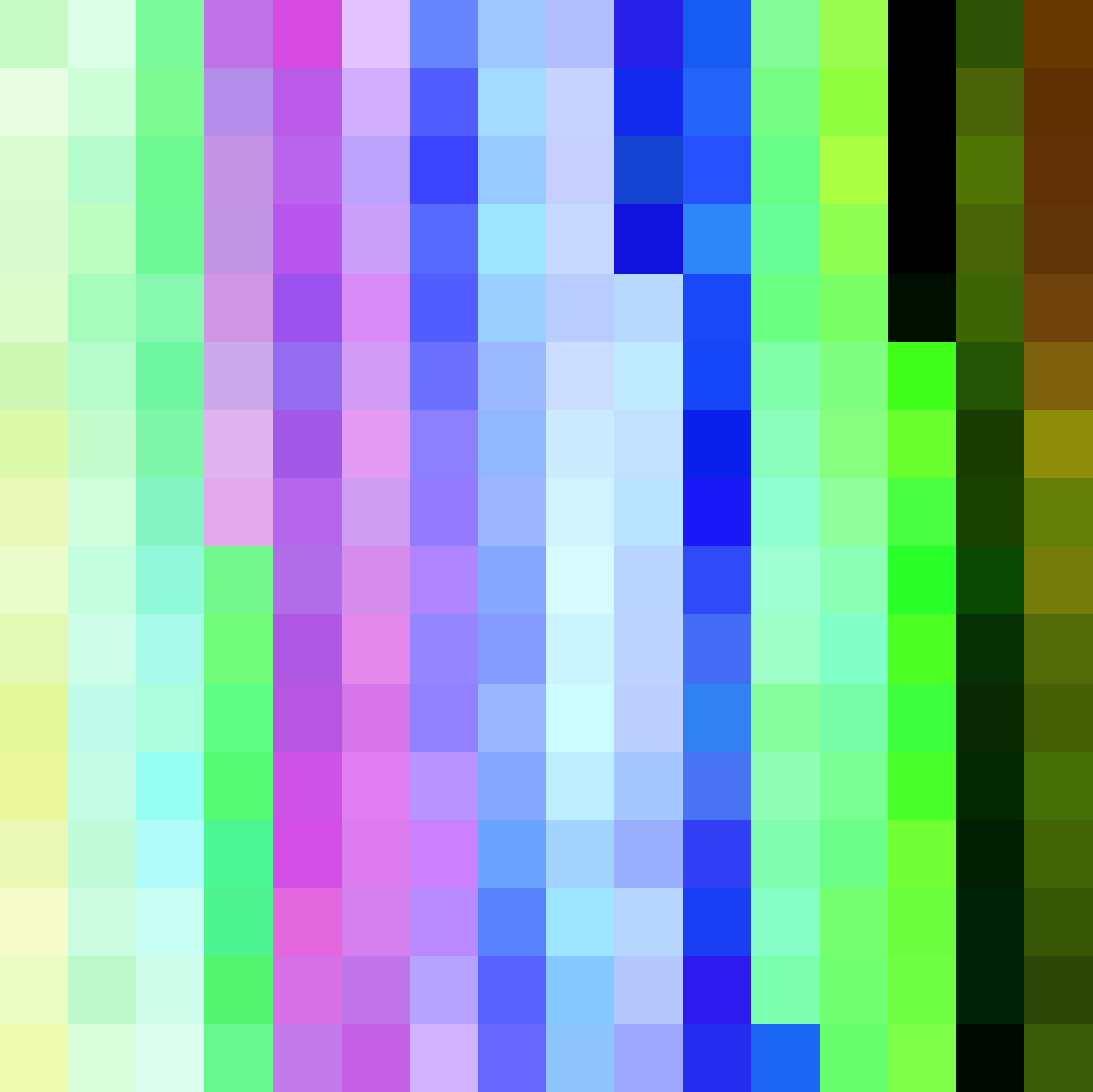
A very, very colourful grid of 256 blocks. It's mostly green, but it also has quite some blue, some purple, a little bit of lime, a little bit of indigo, a little bit of violet, a little bit of cyan, a little bit of magenta, a tiny bit of orange, and a tiny bit of yellow in it.
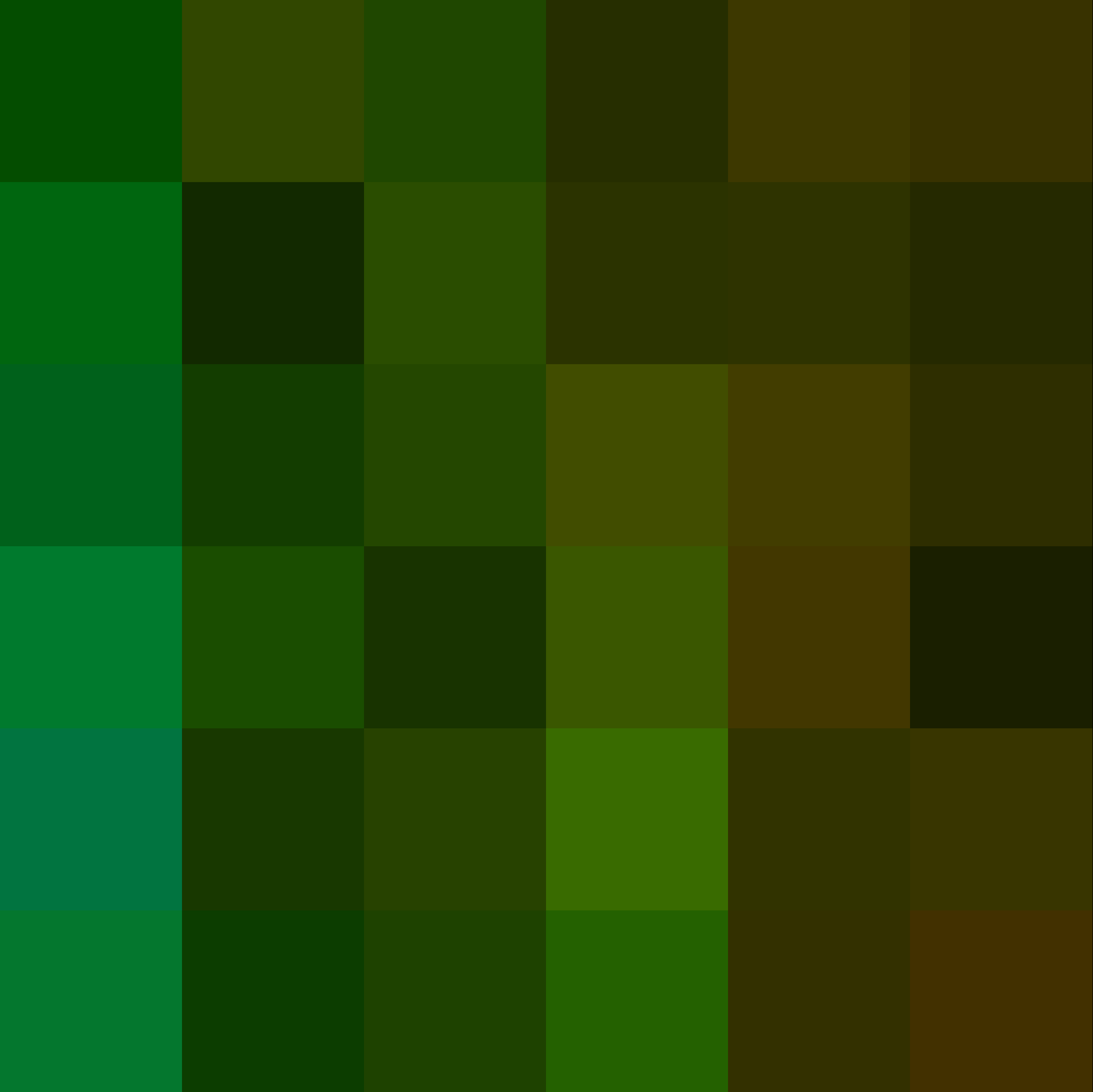
A grid of 36 blocks. It's mostly green, but it also has quite some yellow, a little bit of lime, and a little bit of orange in it.

The very, very colourful gradient in this 15 by 15 pixel grid is mostly red, and it also has some magenta, some purple, some yellow, some orange, a bit of indigo, a little bit of violet, a little bit of blue, a little bit of lime, a tiny bit of rose, and a tiny bit of green in it.
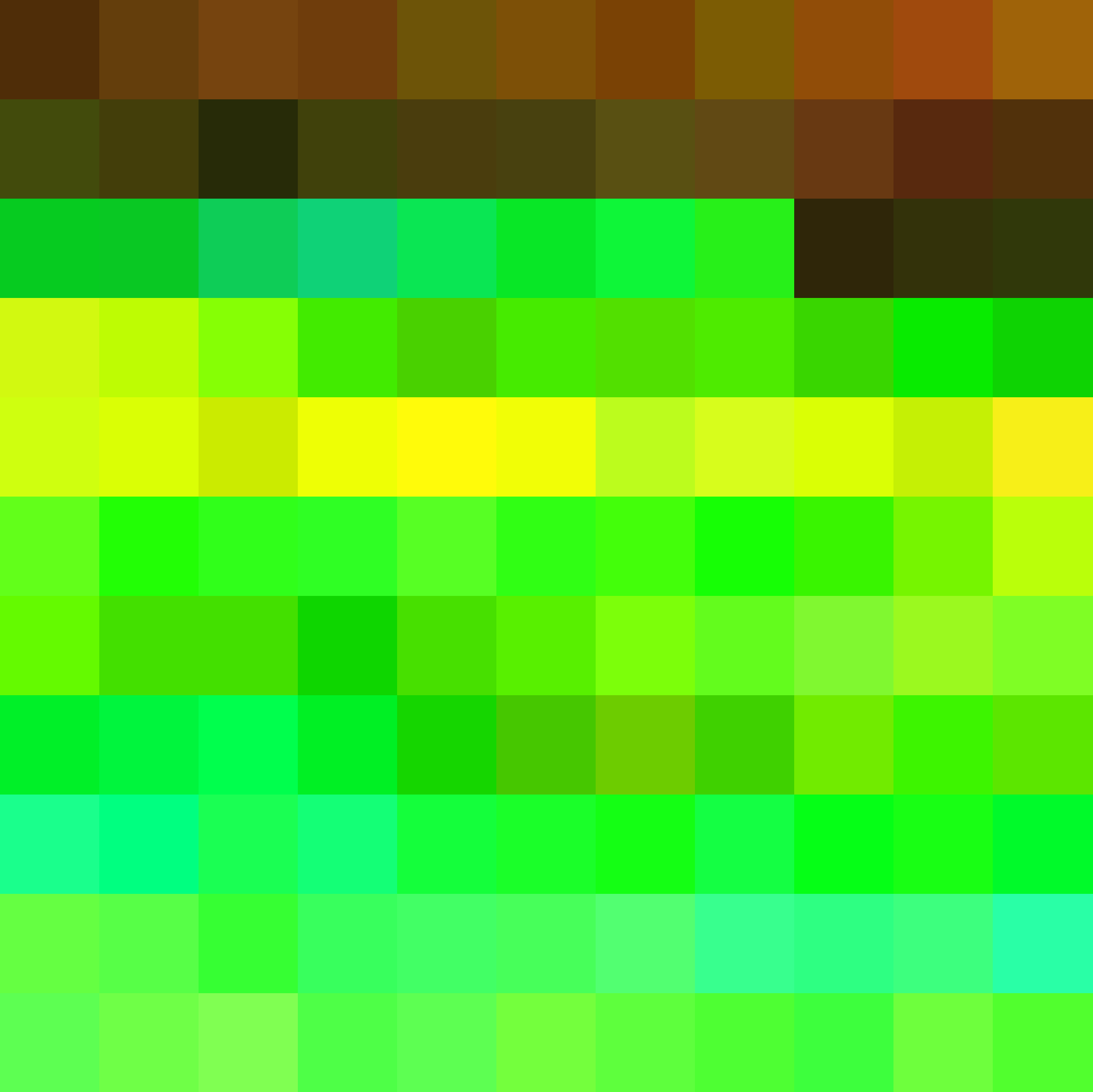
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some rose, some magenta, some red, a bit of blue, a little bit of cyan, a little bit of purple, and a tiny bit of indigo in it.
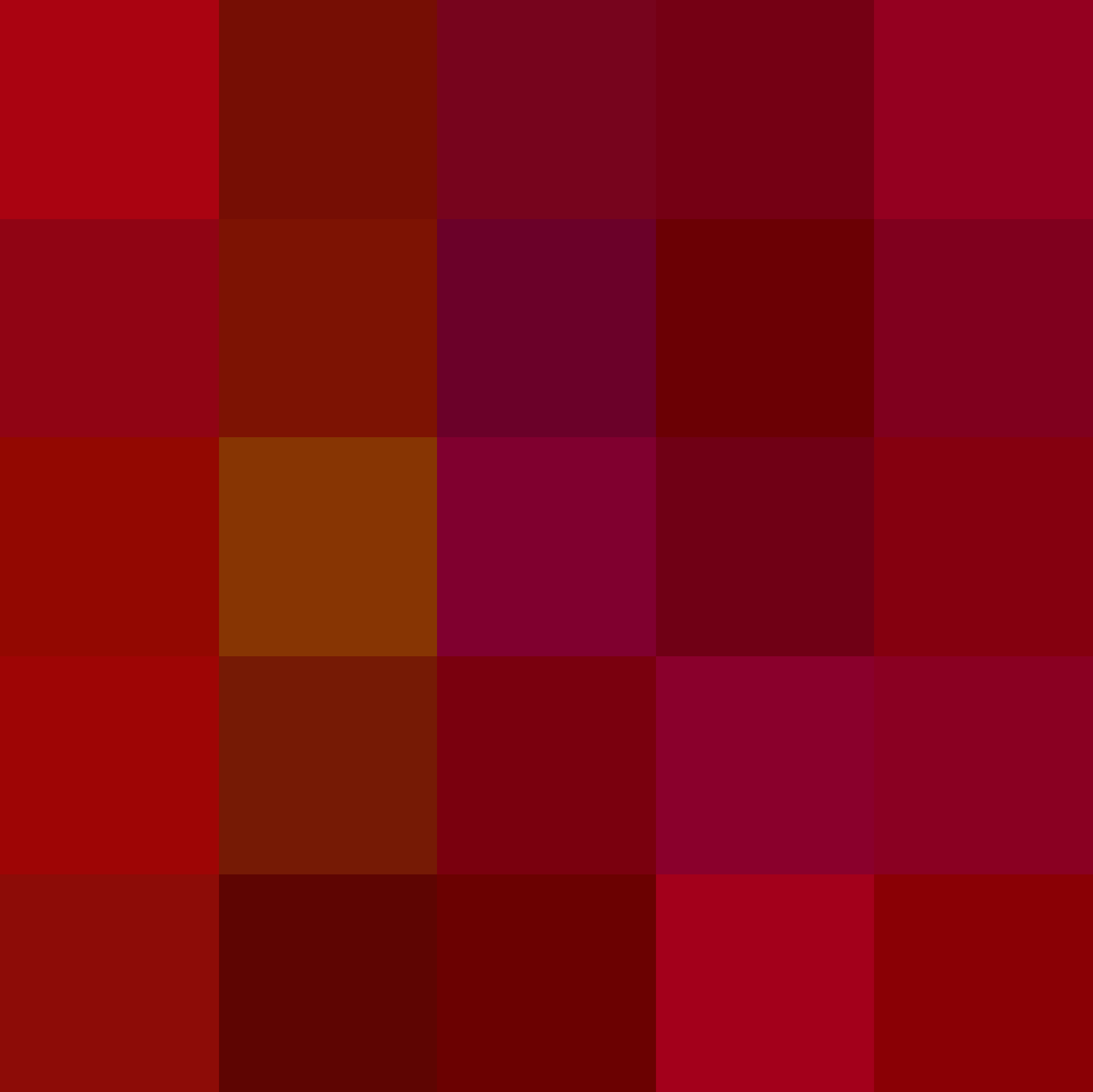
There's a pixel gradient in this 11 by 11 grid. It is mostly green, but it also has some yellow, some orange, and a little bit of lime in it.

The colourful gradient in this 14 by 14 pixel grid is mostly green, and it also has quite some red, some orange, some yellow, and a little bit of lime in it.

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

A grid of 25 blocks. It's mostly red, but it also has some rose, and a little bit of orange in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly purple, but it also has quite some magenta, some blue, some violet, some rose, a little bit of indigo, a little bit of green, a tiny bit of cyan, and a tiny bit of red in it.
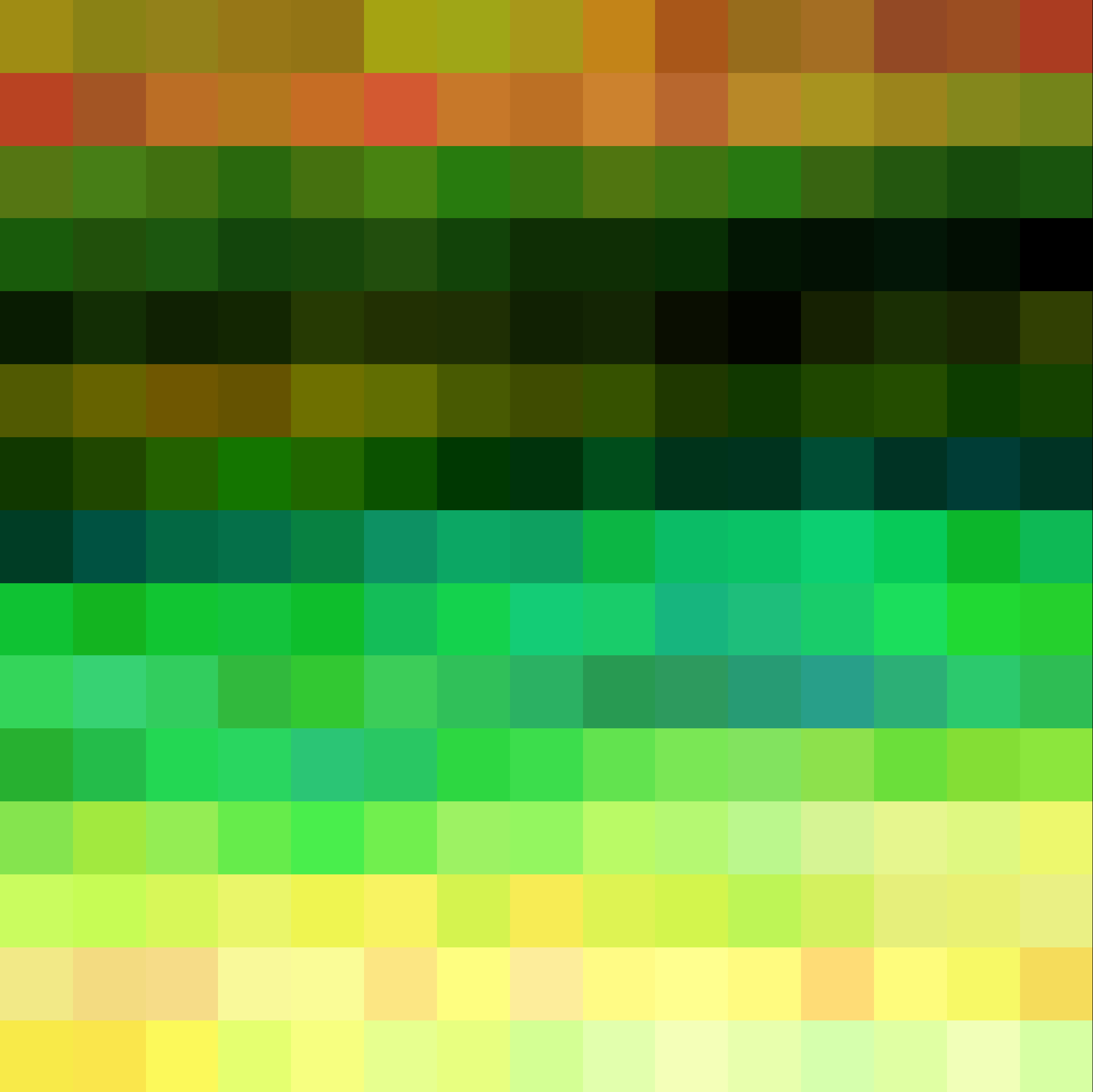
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly green, but it also has a bit of blue, a bit of magenta, a bit of purple, a little bit of red, a little bit of indigo, a little bit of violet, a little bit of lime, a little bit of cyan, a little bit of yellow, and a tiny bit of rose in it.
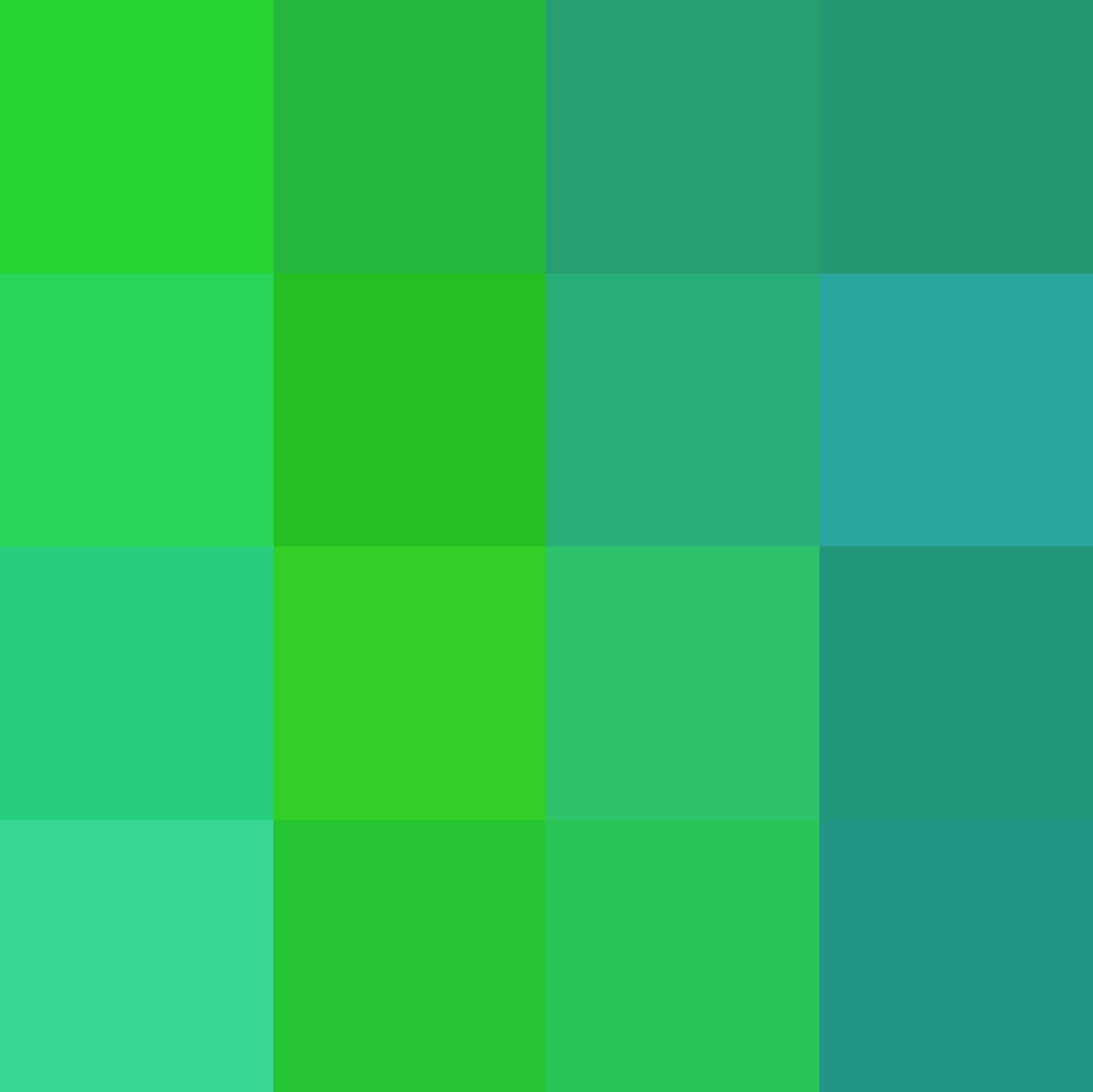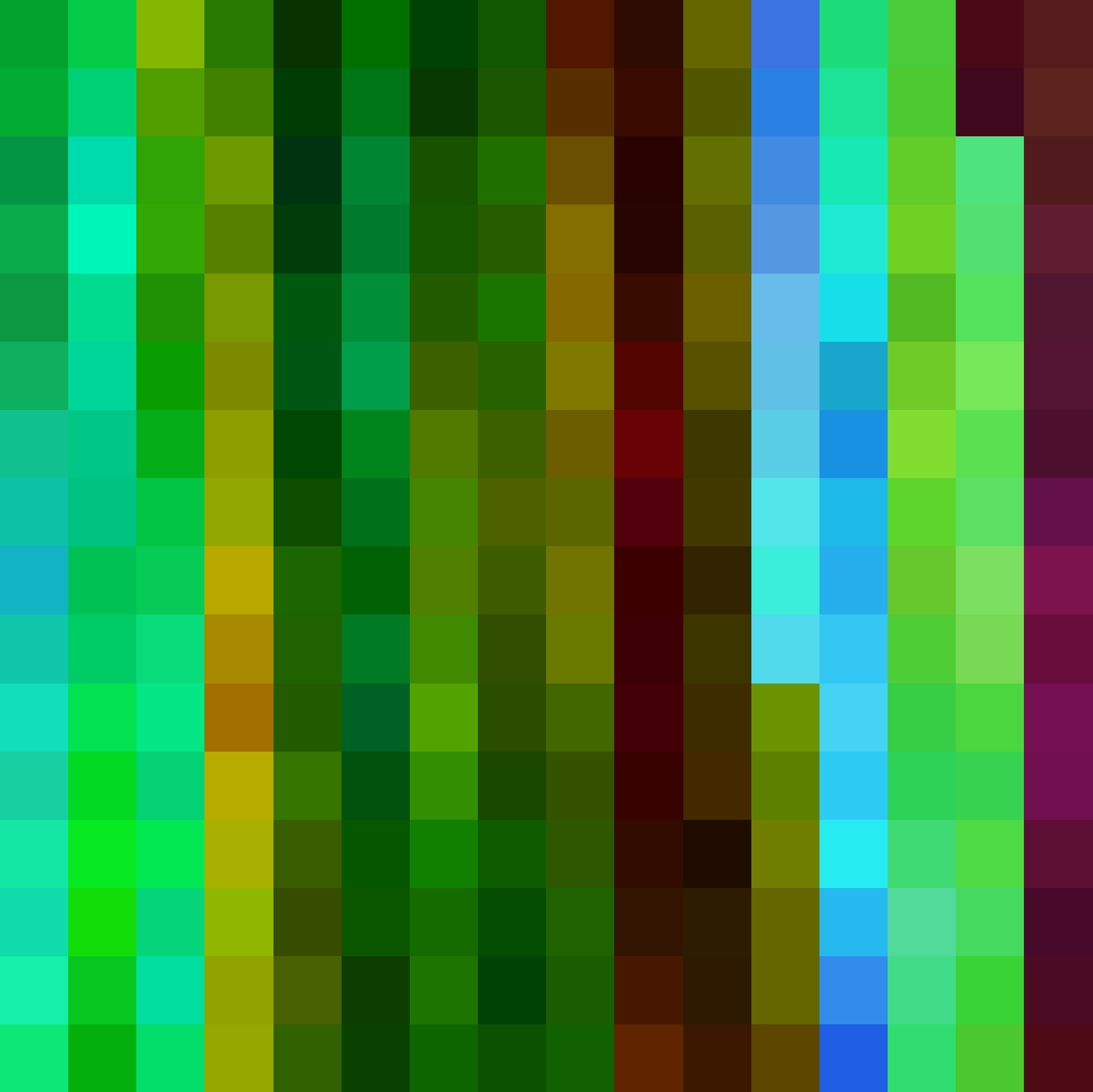
There's a two tone pixel gradient in this 4 by 4 grid. It is mostly green, and it also has some cyan in it.

The cells in this 15 by 15 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some yellow, a bit of orange, a bit of lime, a tiny bit of red, and a tiny bit of cyan in it.

A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of cyan, a bit of red, a little bit of orange, a little bit of blue, a little bit of lime, a little bit of rose, and a tiny bit of magenta in it.
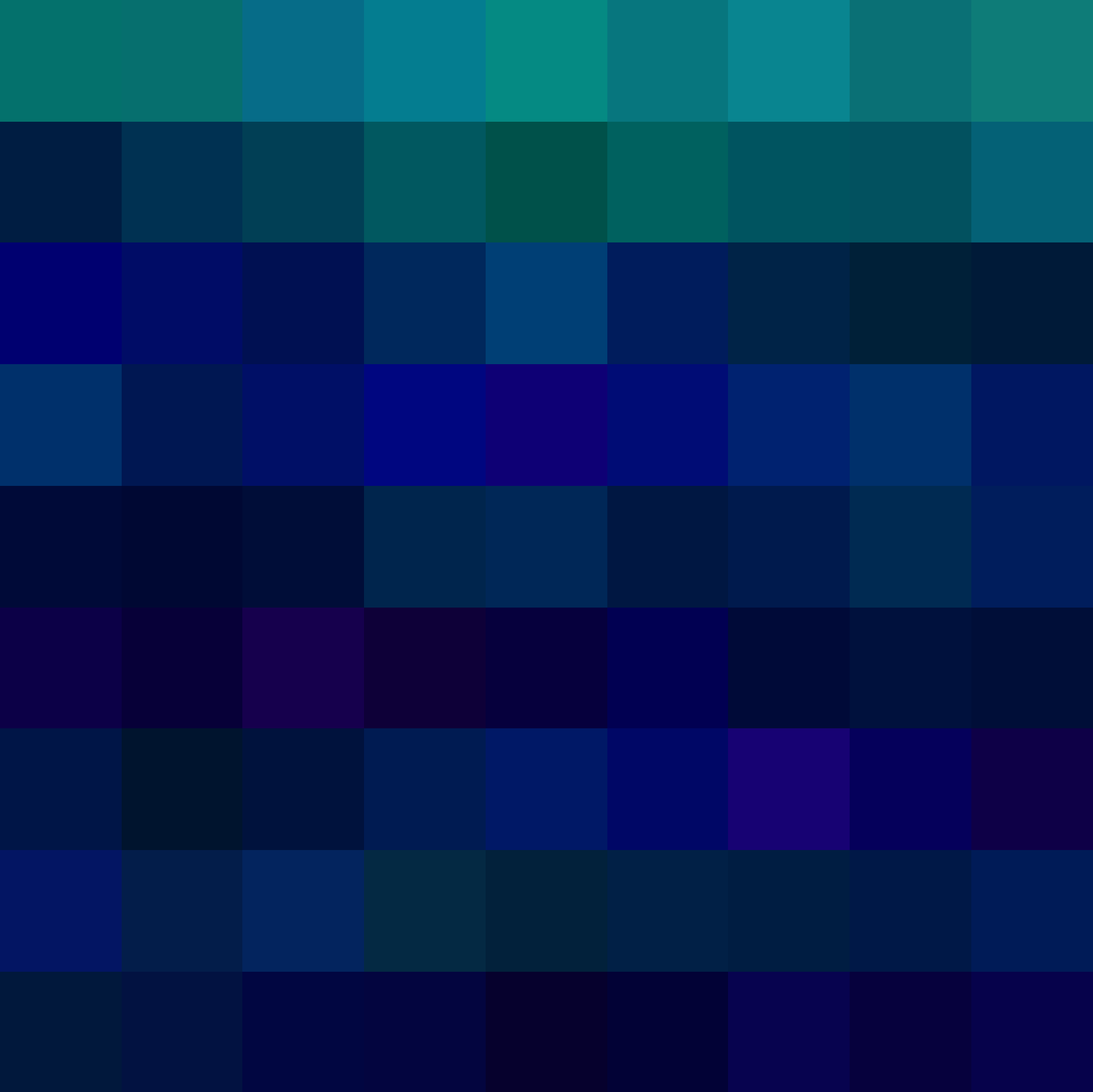
Here's a 9 by 9 pixelated grid that forms a gradient. It is mostly blue, and it also has some cyan, and some indigo in it.
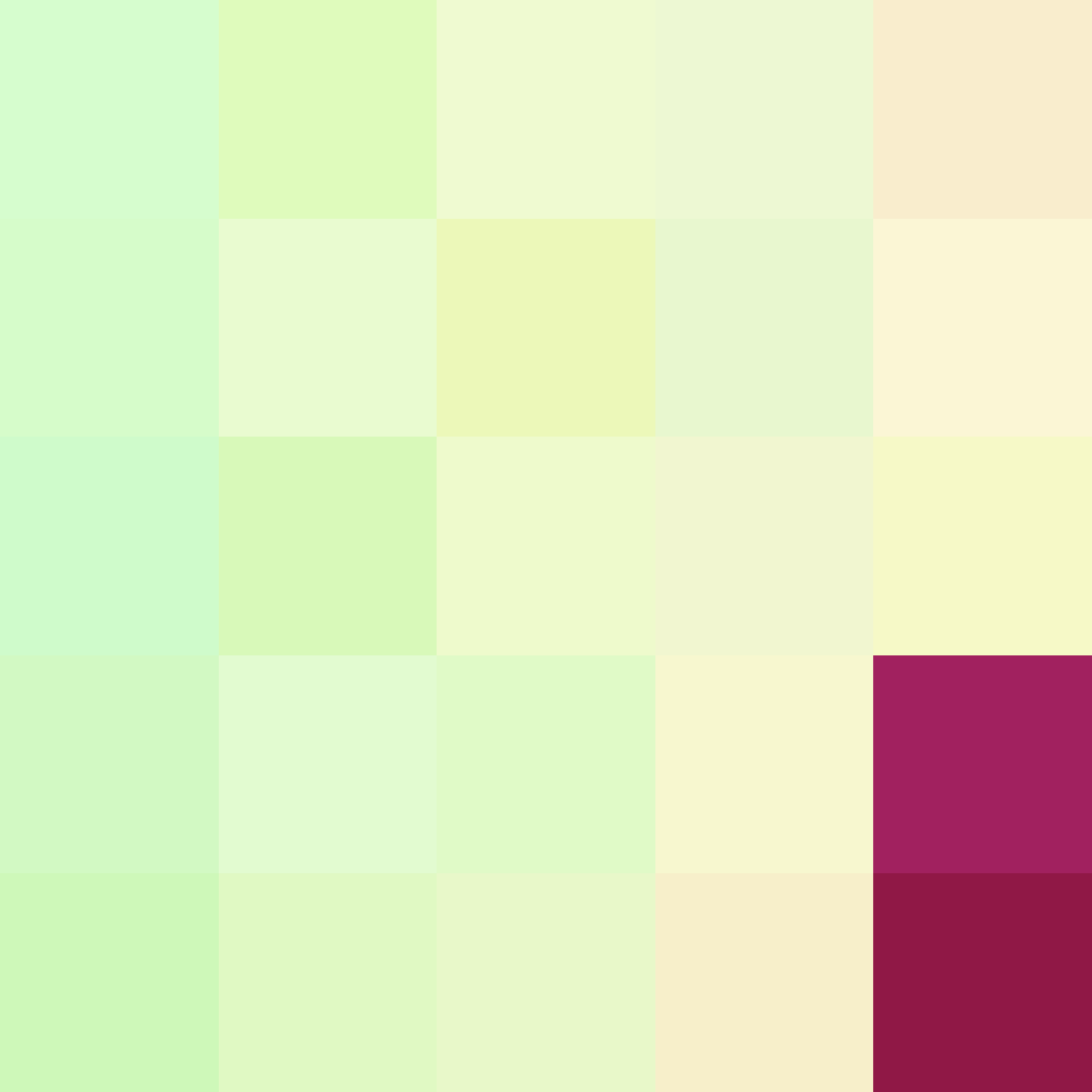
A colourful grid of 25 blocks. It's mostly green, and it also has quite some yellow, some lime, a bit of rose, and a little bit of orange in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, and it also has quite some green, some blue, some orange, a bit of cyan, a little bit of indigo, a little bit of violet, and a tiny bit of purple 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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