100 random pixel gradients
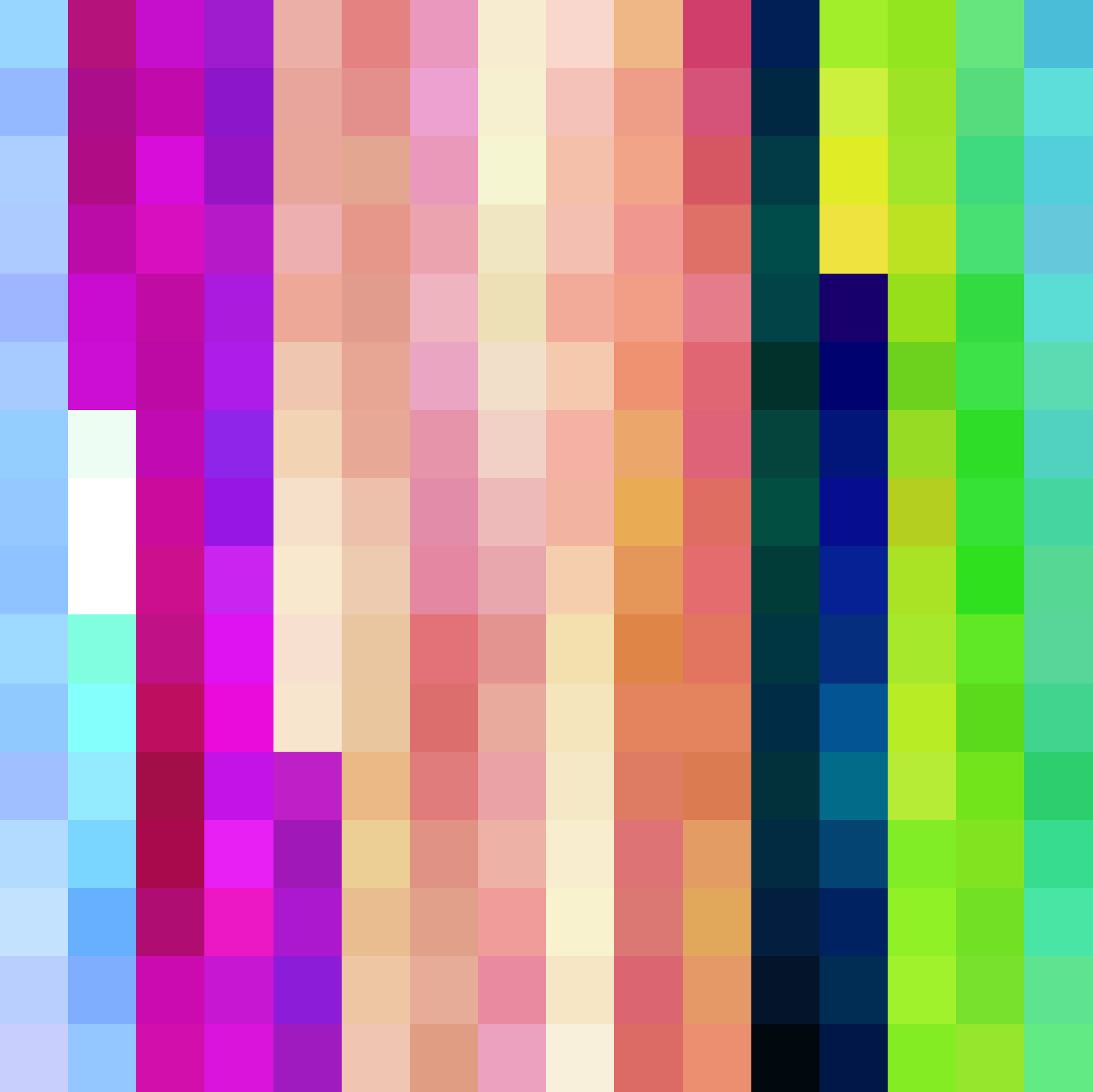
Vasilis van Gemert – 19-11-2022

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly blue, and it also has quite some cyan, quite some purple, some magenta, a little bit of violet, a little bit of red, a little bit of indigo, a tiny bit of rose, a tiny bit of green, and a tiny bit of orange in it.

A very, very colourful grid of 196 blocks. It's mostly green, and it also has quite some red, a bit of yellow, a bit of cyan, a bit of orange, a little bit of blue, a little bit of lime, a little bit of indigo, and a tiny bit of violet in it.
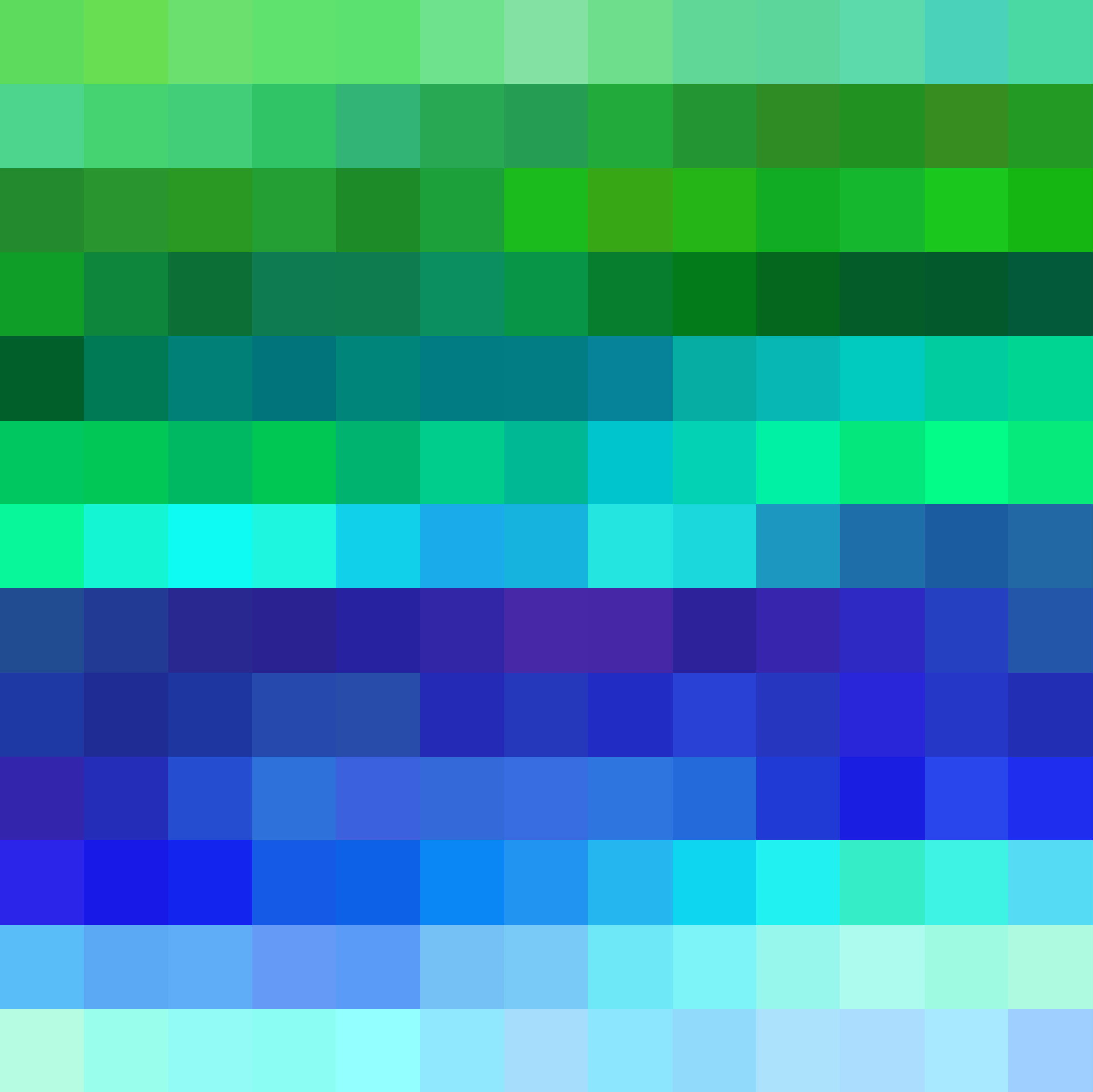
A very, very colourful grid of 256 blocks. It's mostly red, and it also has some orange, some green, some blue, some magenta, a bit of cyan, a little bit of purple, a little bit of yellow, a tiny bit of lime, a tiny bit of rose, and a tiny bit of indigo in it.

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

This pixel gradient—it is 7 cells wide, 7 cells high—is mostly purple, but it also has some violet, some magenta, and a little bit of indigo in it.

Here's a 13 by 13 pixelated grid that forms a gradient. It is mostly green, but it also has quite some blue, quite some cyan, and a bit of indigo in it.
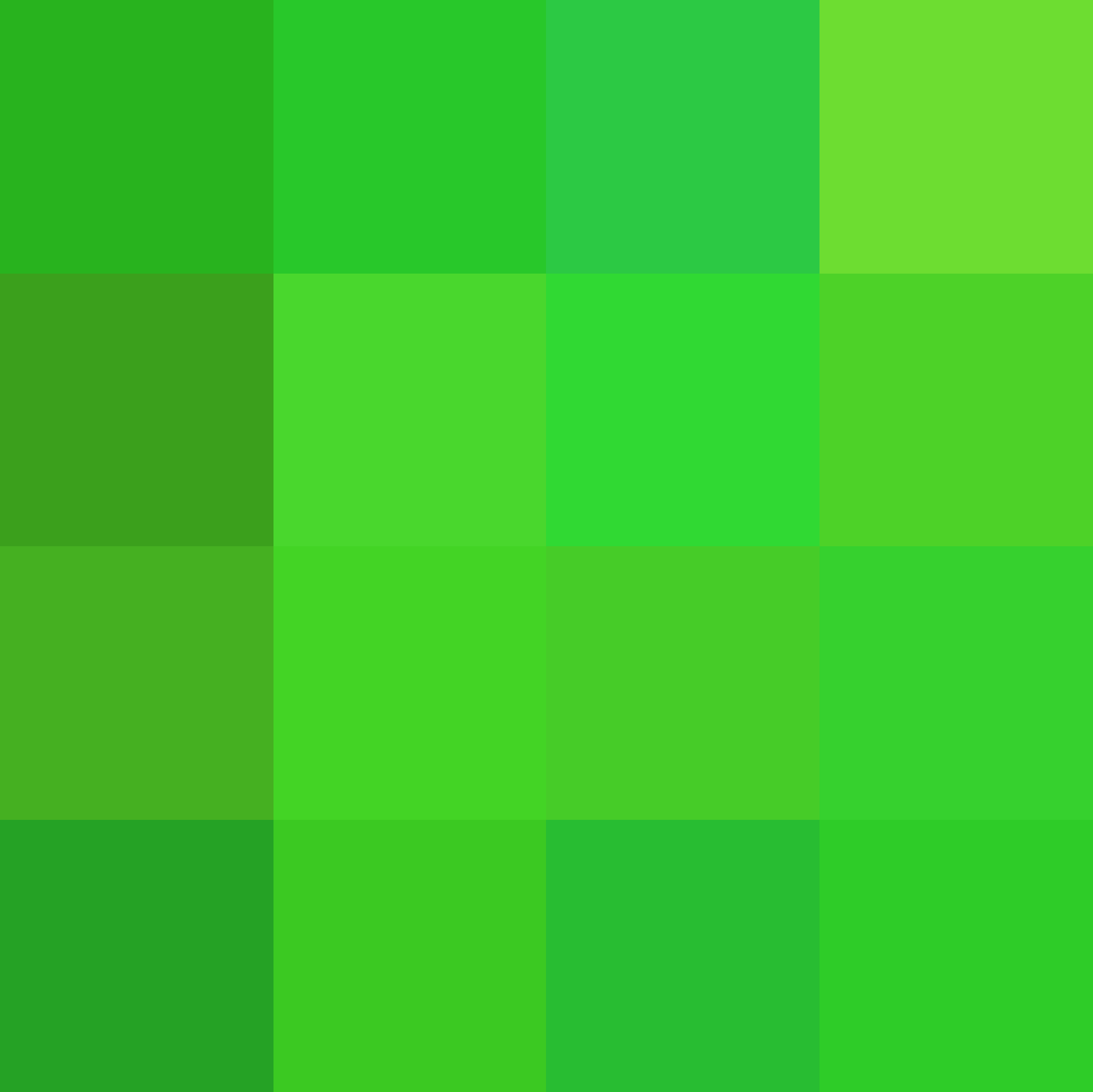
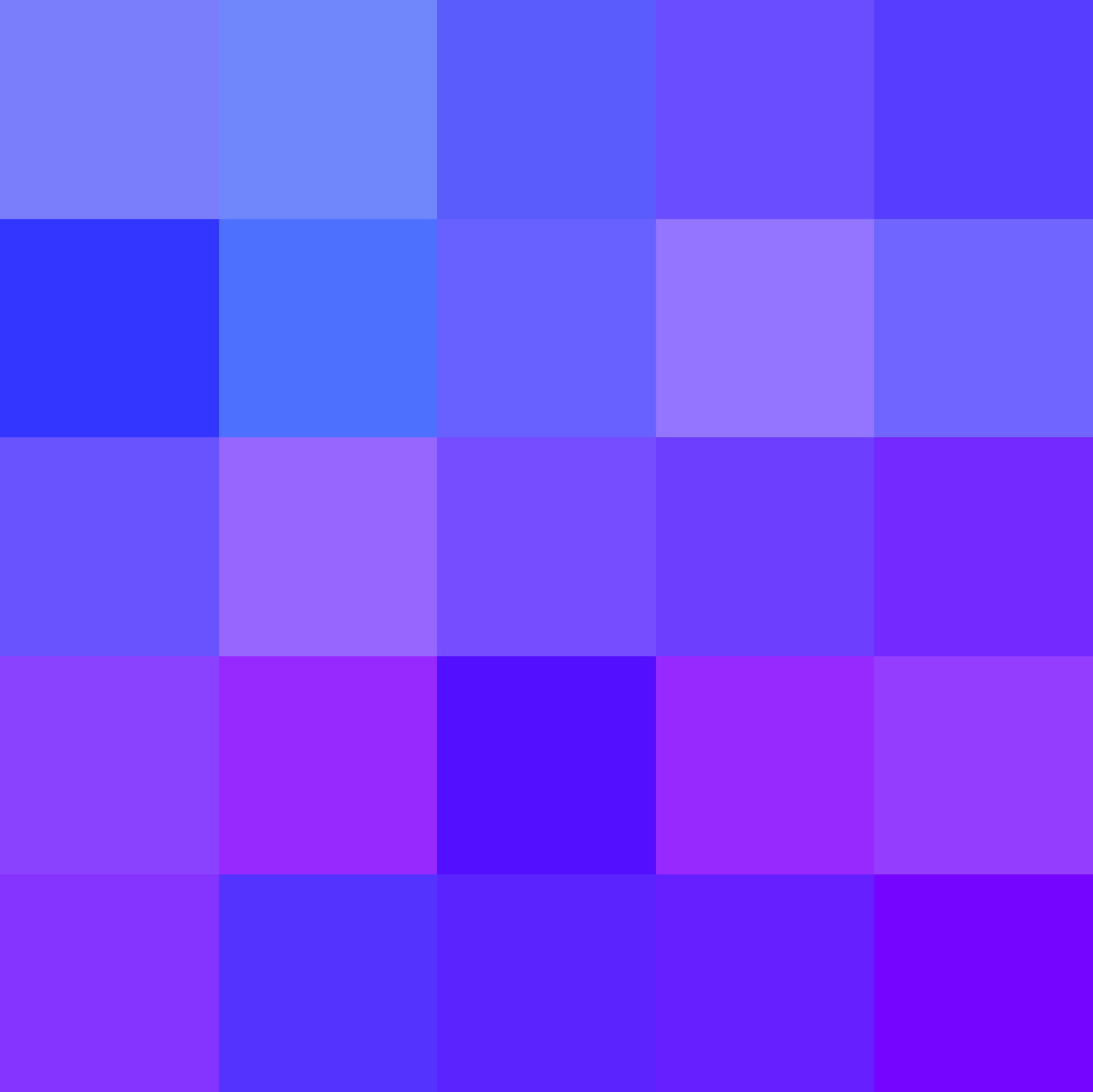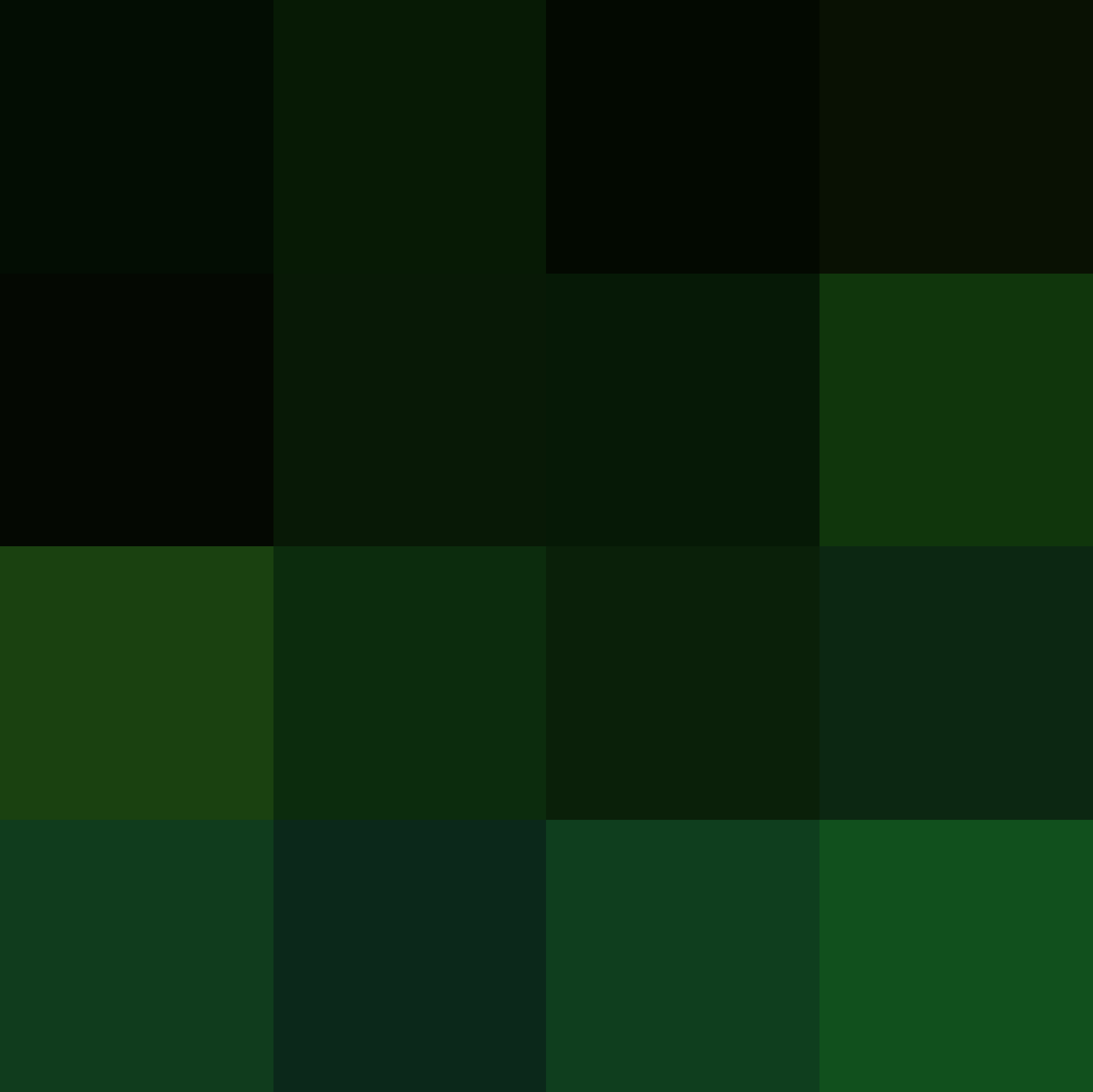A grid of 49 blocks. It's mostly blue, but it also has quite some cyan, and some indigo in it.

A 13 by 13 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, a little bit of blue, a little bit of rose, a little bit of violet, and a tiny bit of indigo in it.
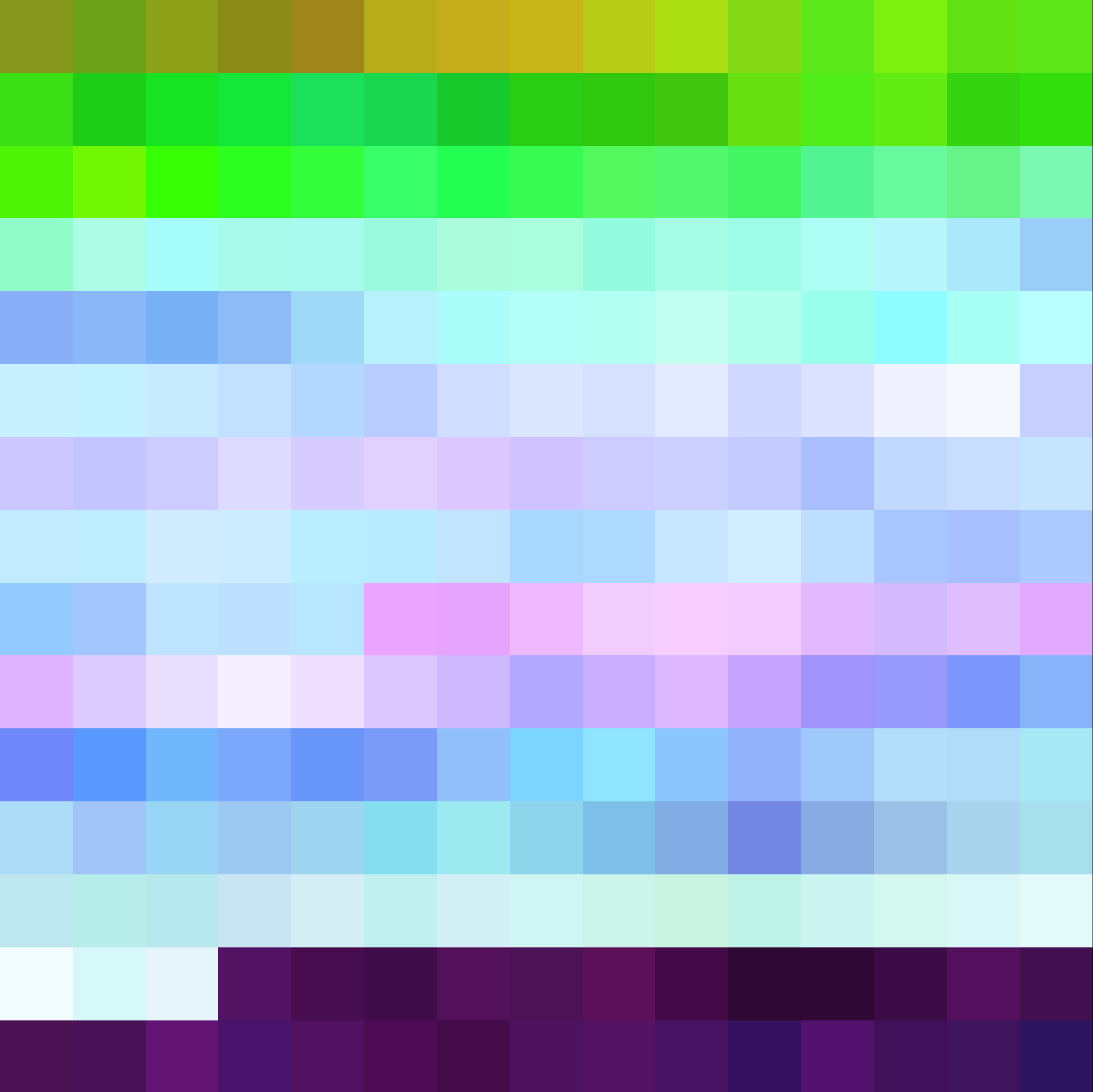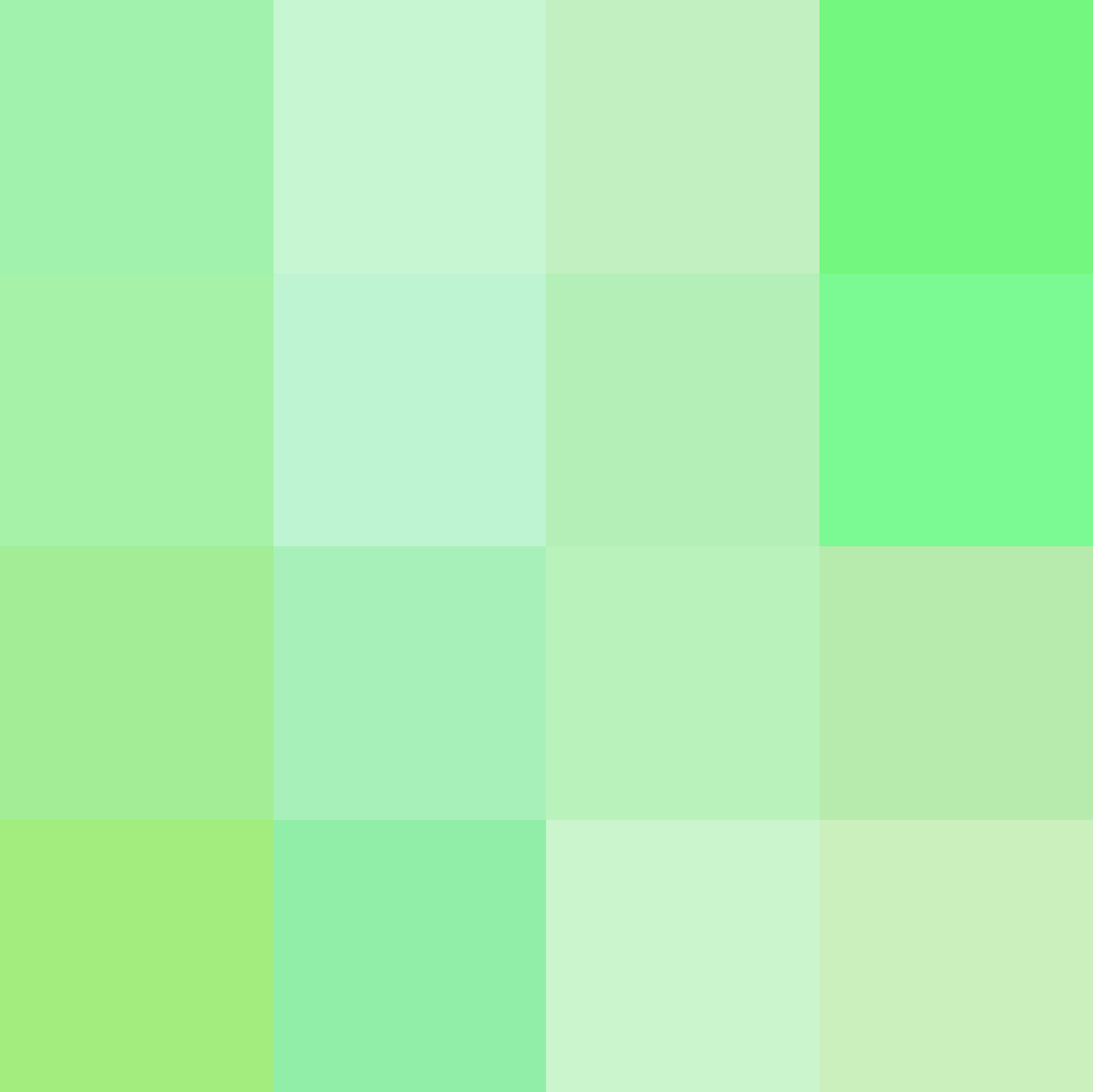
A monochrome grid of 16 blocks. It's green.

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly indigo, but it also has quite some blue, quite some violet, and a bit of purple in it.
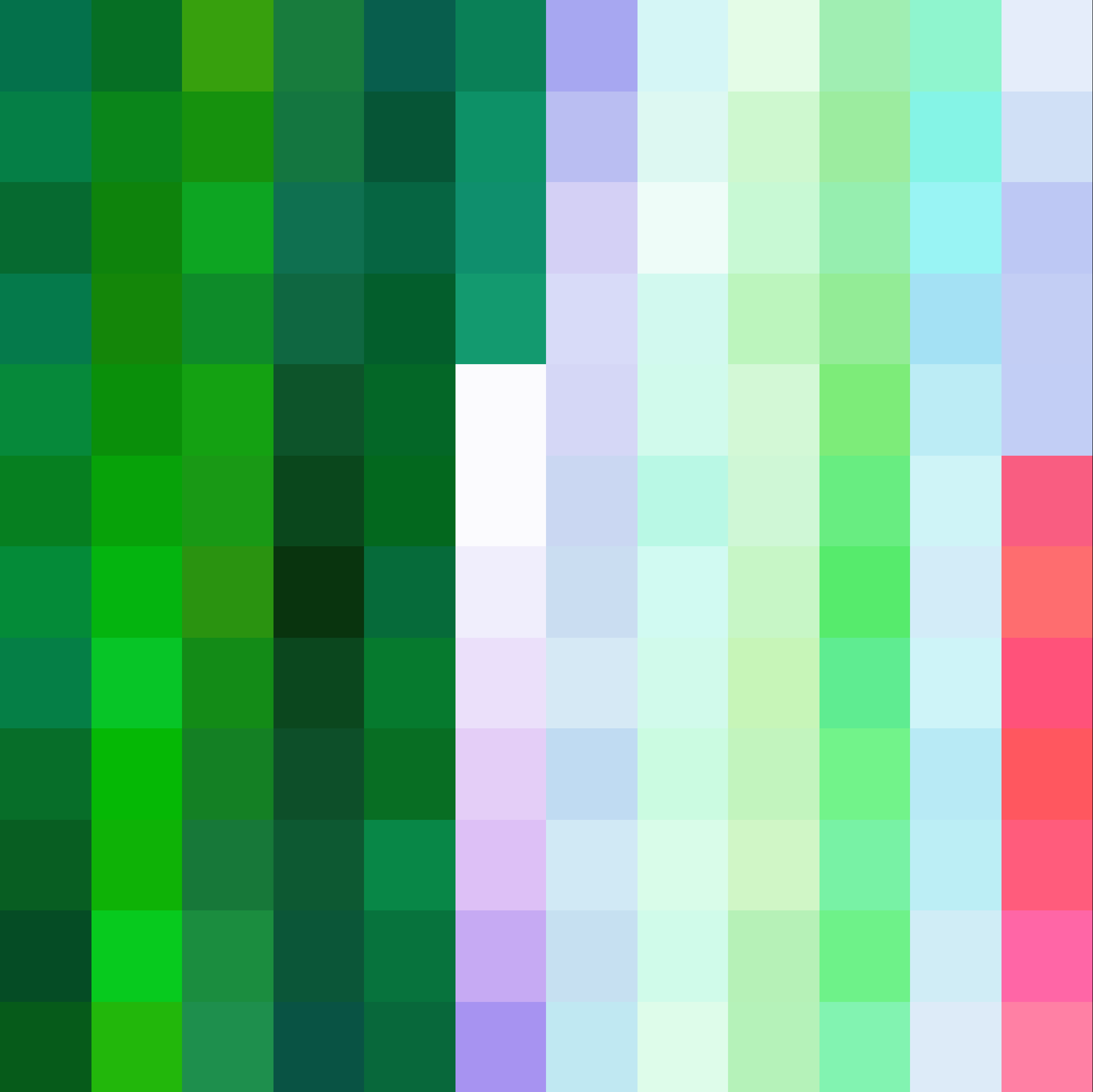
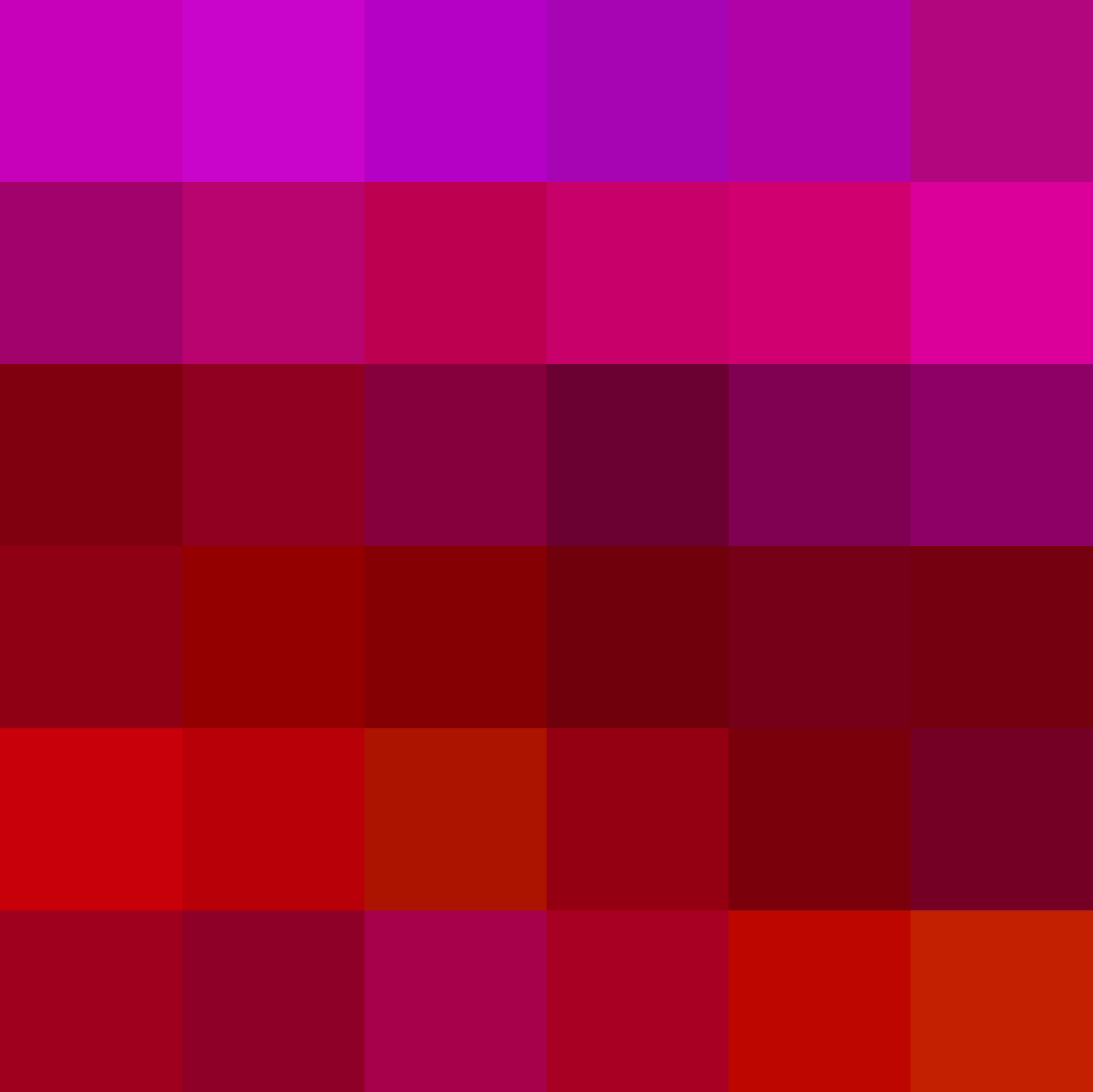A monochrome grid of 16 blocks. It's green.

The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some green, some cyan, some purple, a little bit of indigo, a little bit of magenta, a little bit of yellow, a little bit of violet, and a tiny bit of lime in it.

There's a monochrome pixel gradient in this 4 by 4 grid. It is green.

A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some blue, some cyan, a little bit of red, a little bit of indigo, a tiny bit of violet, a tiny bit of purple, and a tiny bit of rose in it.
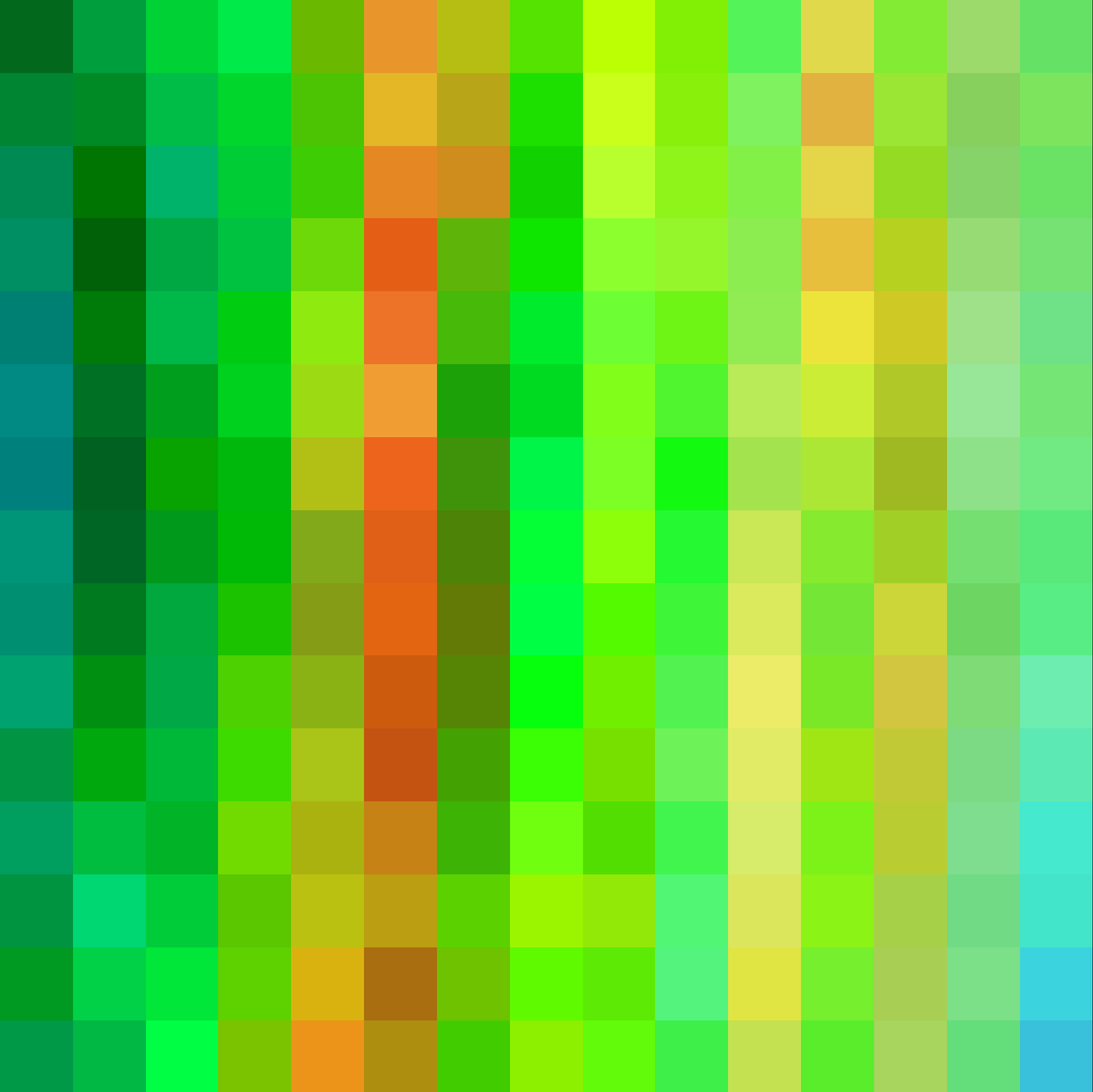
A grid of 36 blocks. It's mostly red, and it also has quite some magenta, and quite some rose in it.
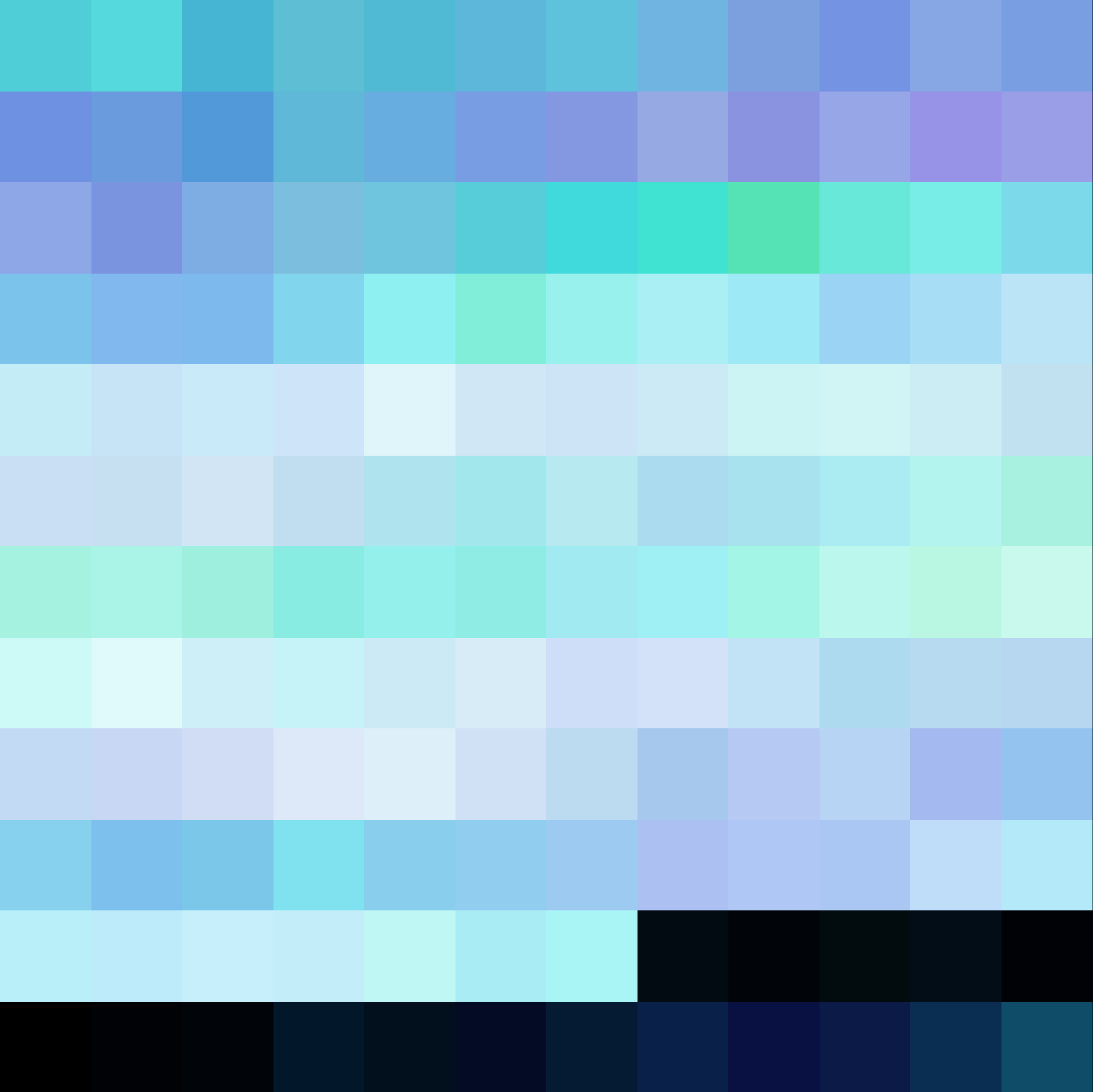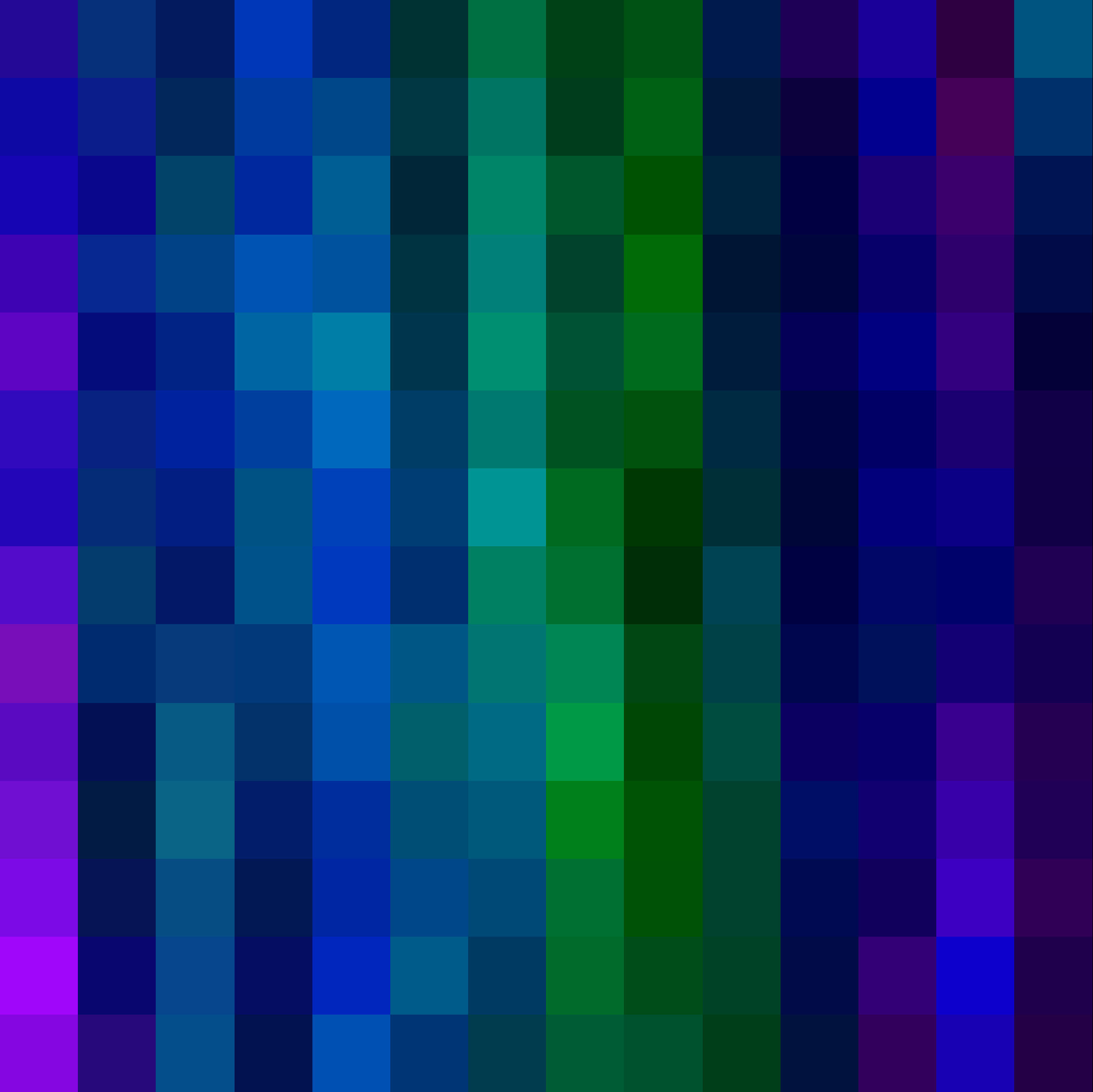
A very colourful grid of 100 blocks. It's mostly magenta, and it also has some rose, some purple, a little bit of red, a tiny bit of violet, and a tiny bit of indigo in it.

A grid with 225 coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of orange, a little bit of lime, and a little bit of cyan in it.
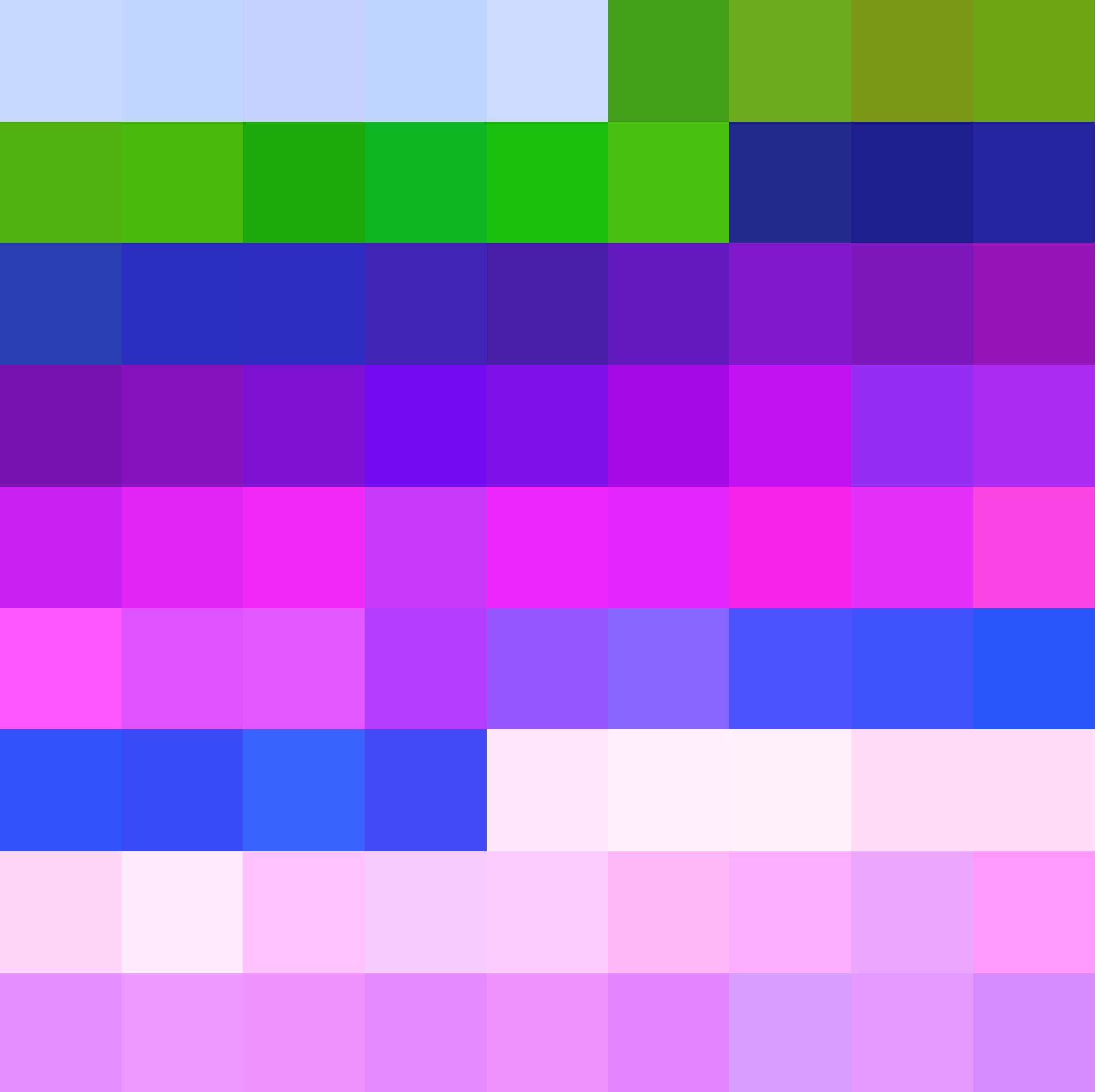
A grid with 144 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some cyan, a tiny bit of green, and a tiny bit of indigo in it.
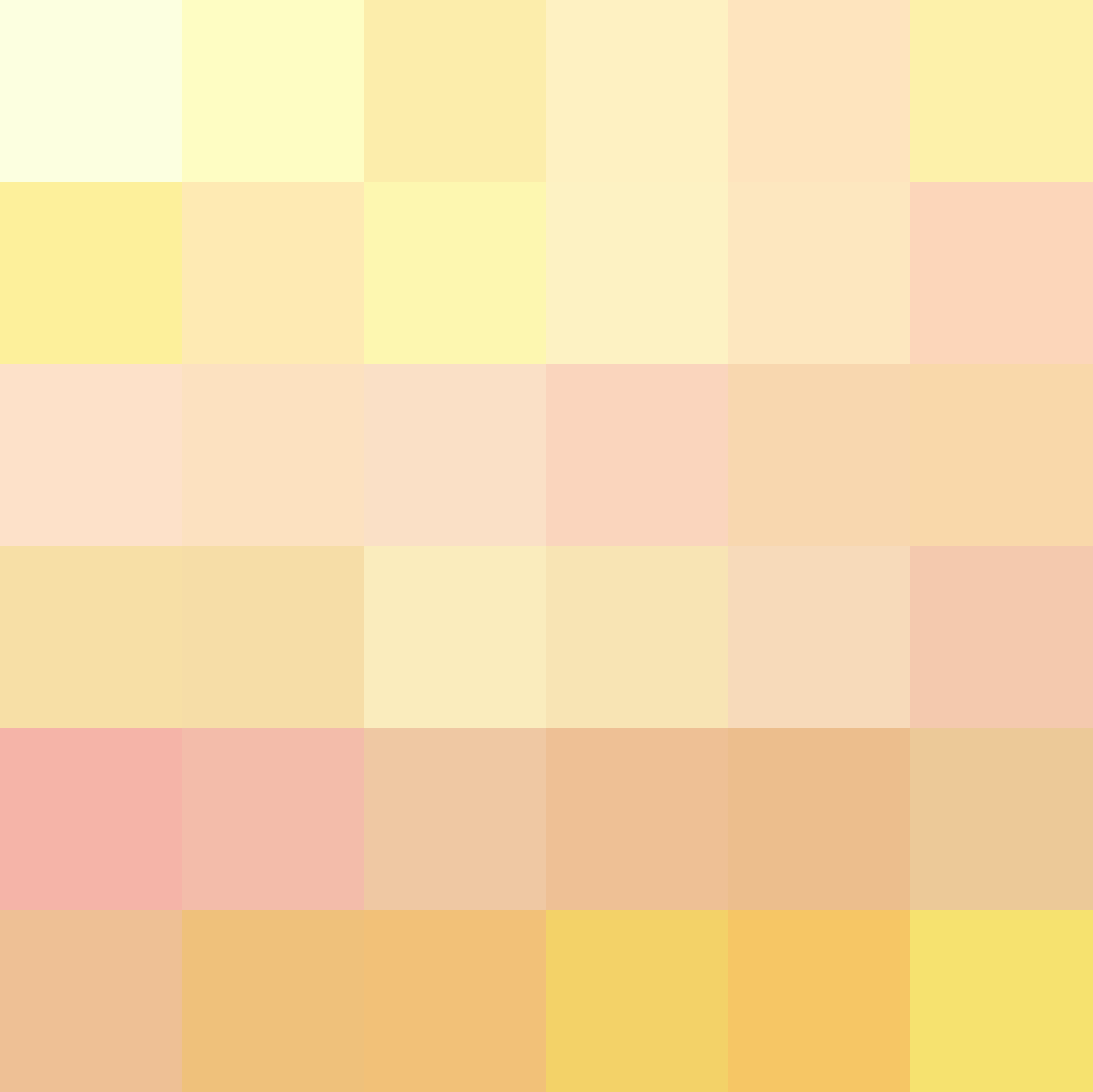
Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has some green, some indigo, a bit of cyan, a bit of violet, and a little bit of purple in it.
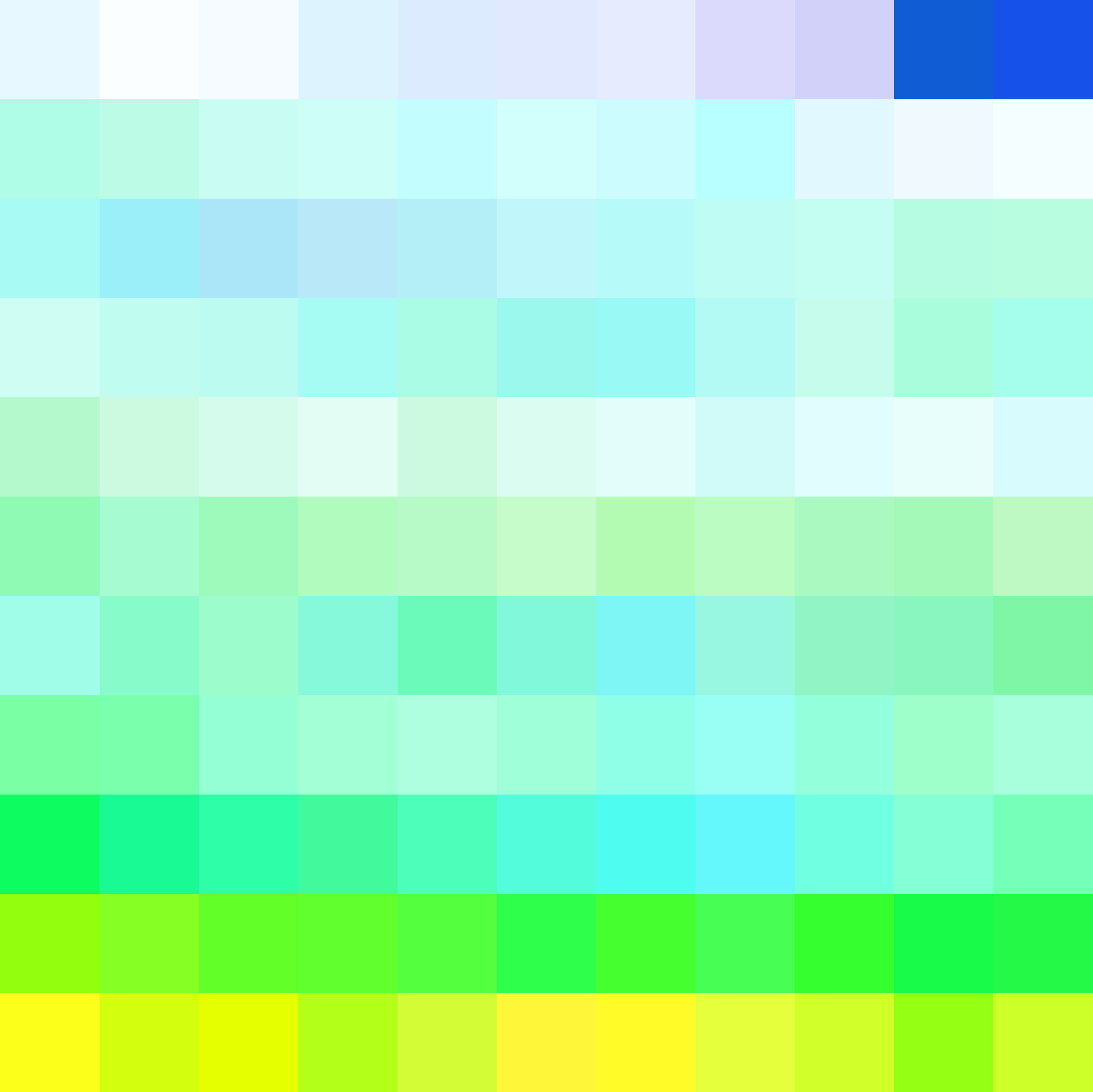
This gradient, generated in this 7 by 7 pixel grid, is mostly green, and it also has some yellow, and some lime in it.

The very colourful gradient in this 9 by 9 pixel grid is mostly purple, but it also has quite some magenta, quite some blue, some green, a little bit of indigo, a little bit of violet, and a tiny bit of lime in it.
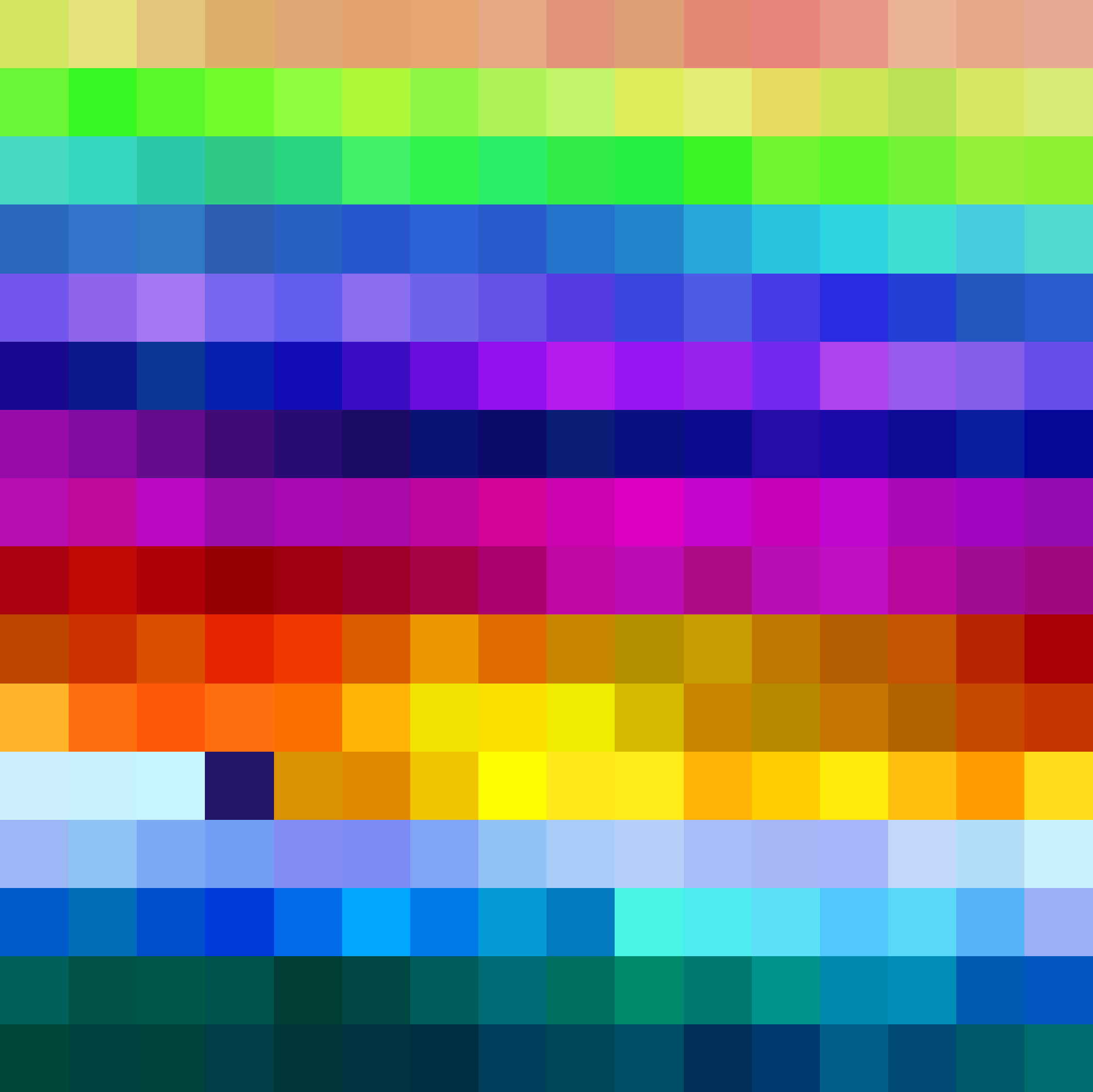
This gradient, generated in this 6 by 6 pixel grid, is mostly orange, and it also has quite some yellow, and a little bit of red in it.
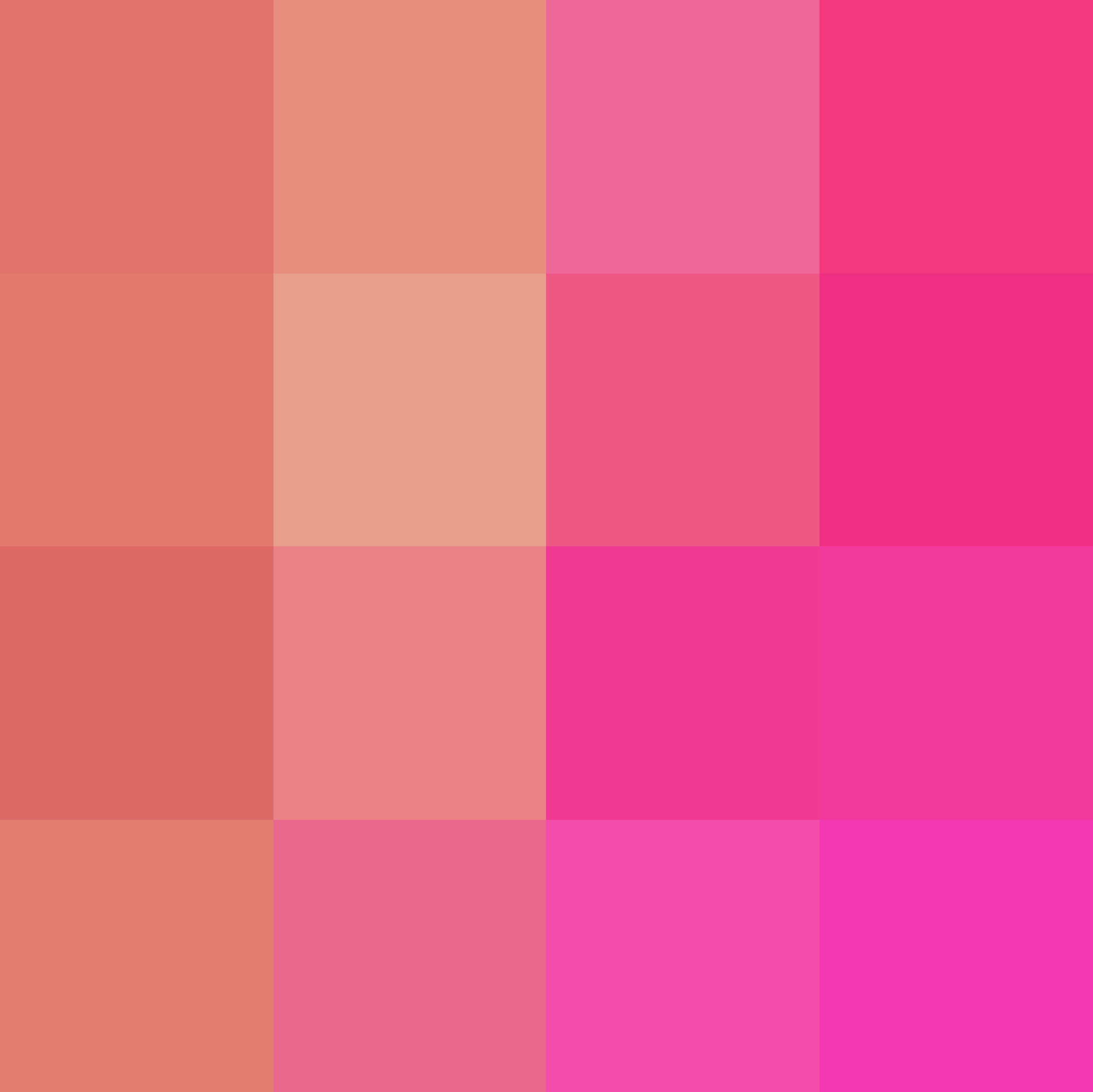
There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly green, but it also has quite some cyan, a bit of blue, a little bit of yellow, a little bit of lime, and a tiny bit of indigo in it.
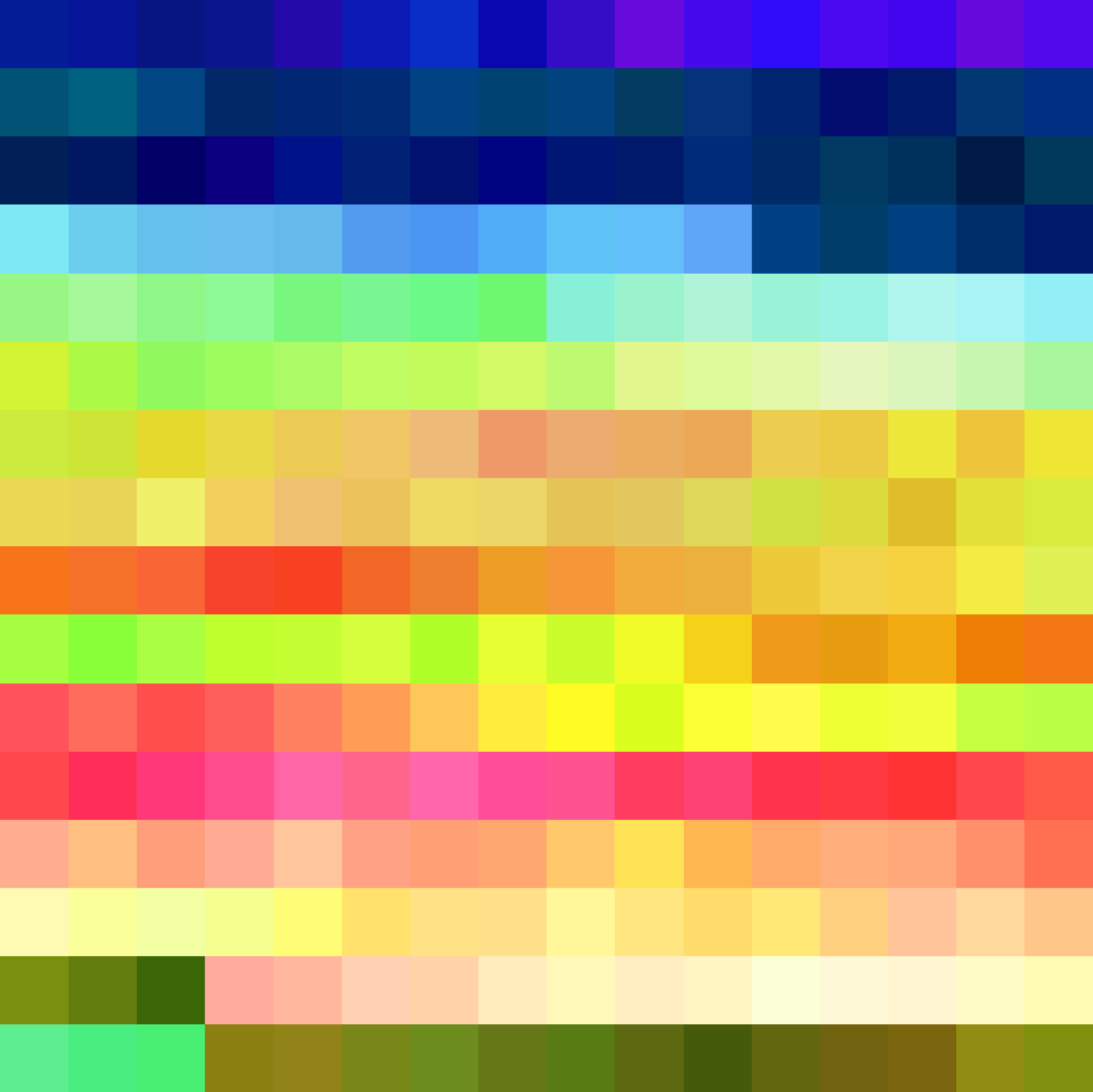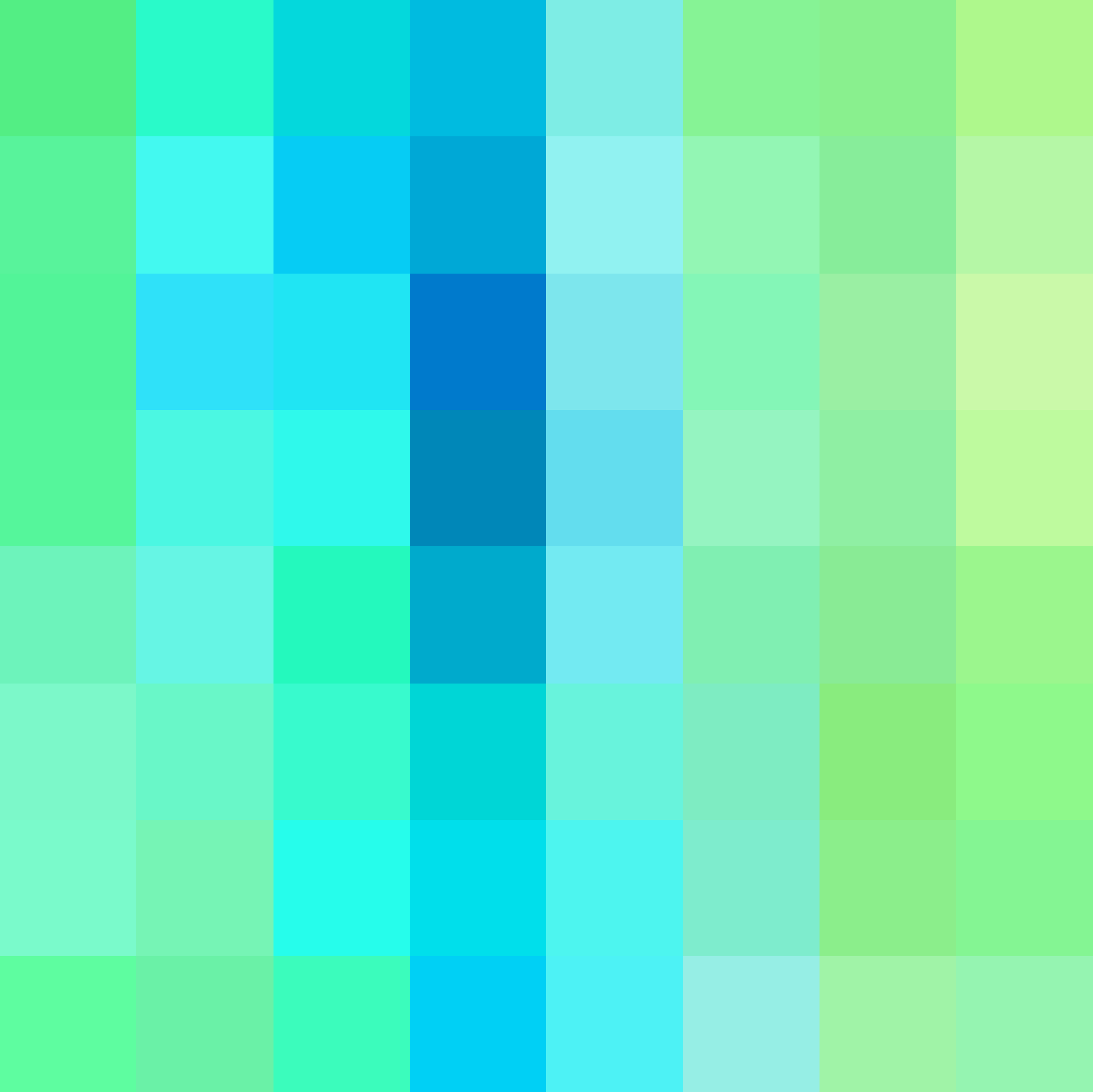
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly blue, but it also has some orange, some cyan, a bit of magenta, a bit of green, a bit of yellow, a bit of indigo, a little bit of red, a little bit of purple, a tiny bit of violet, a tiny bit of rose, and a tiny bit of lime in it.

There's a monochrome pixel gradient in this 4 by 4 grid. It is red.

A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some blue, some orange, some green, some red, a little bit of lime, a little bit of indigo, a tiny bit of cyan, and a tiny bit of violet in it.
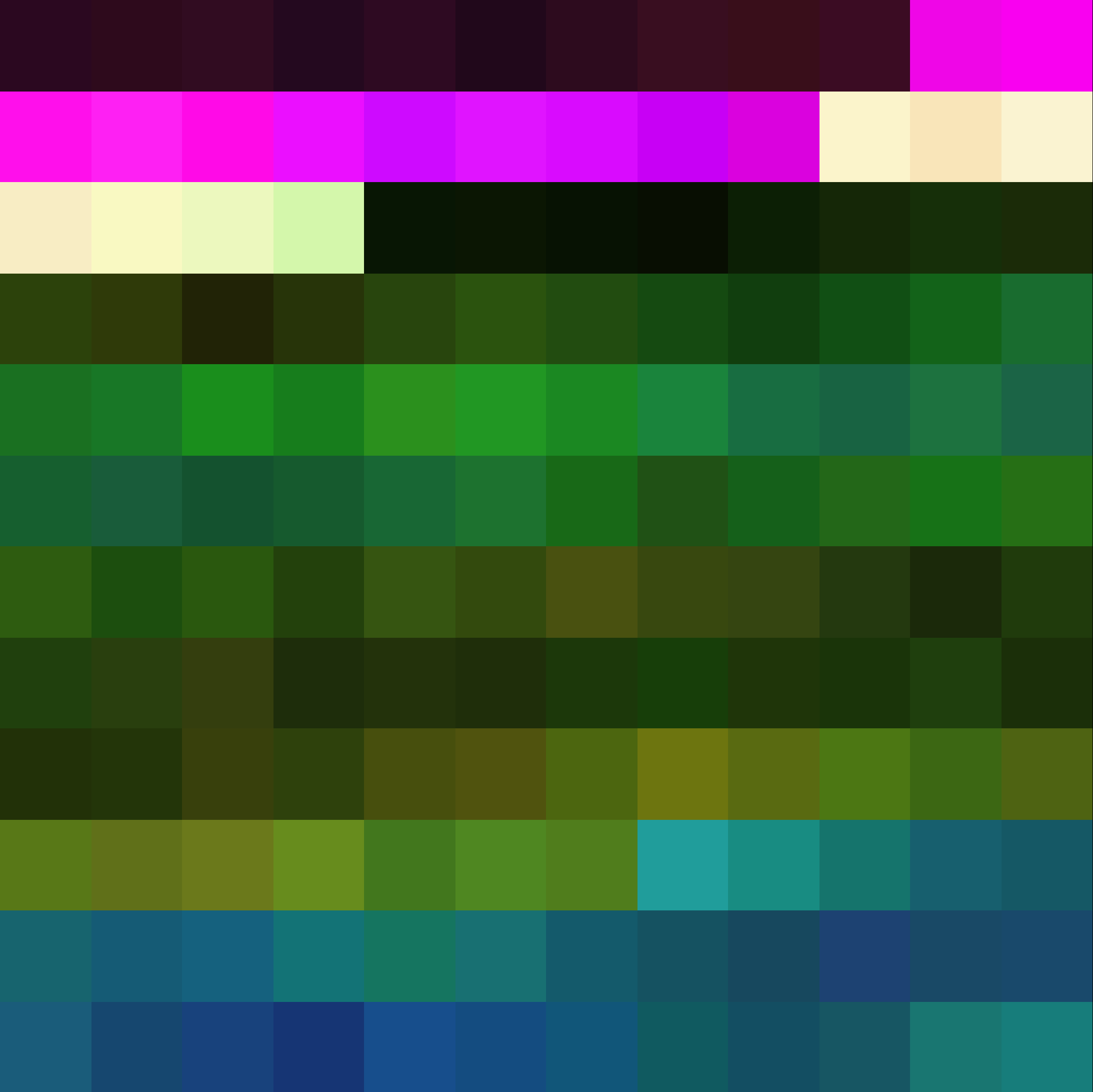
A grid of 64 blocks. It's mostly green, but it also has a lot of cyan, and a little bit of blue in it.
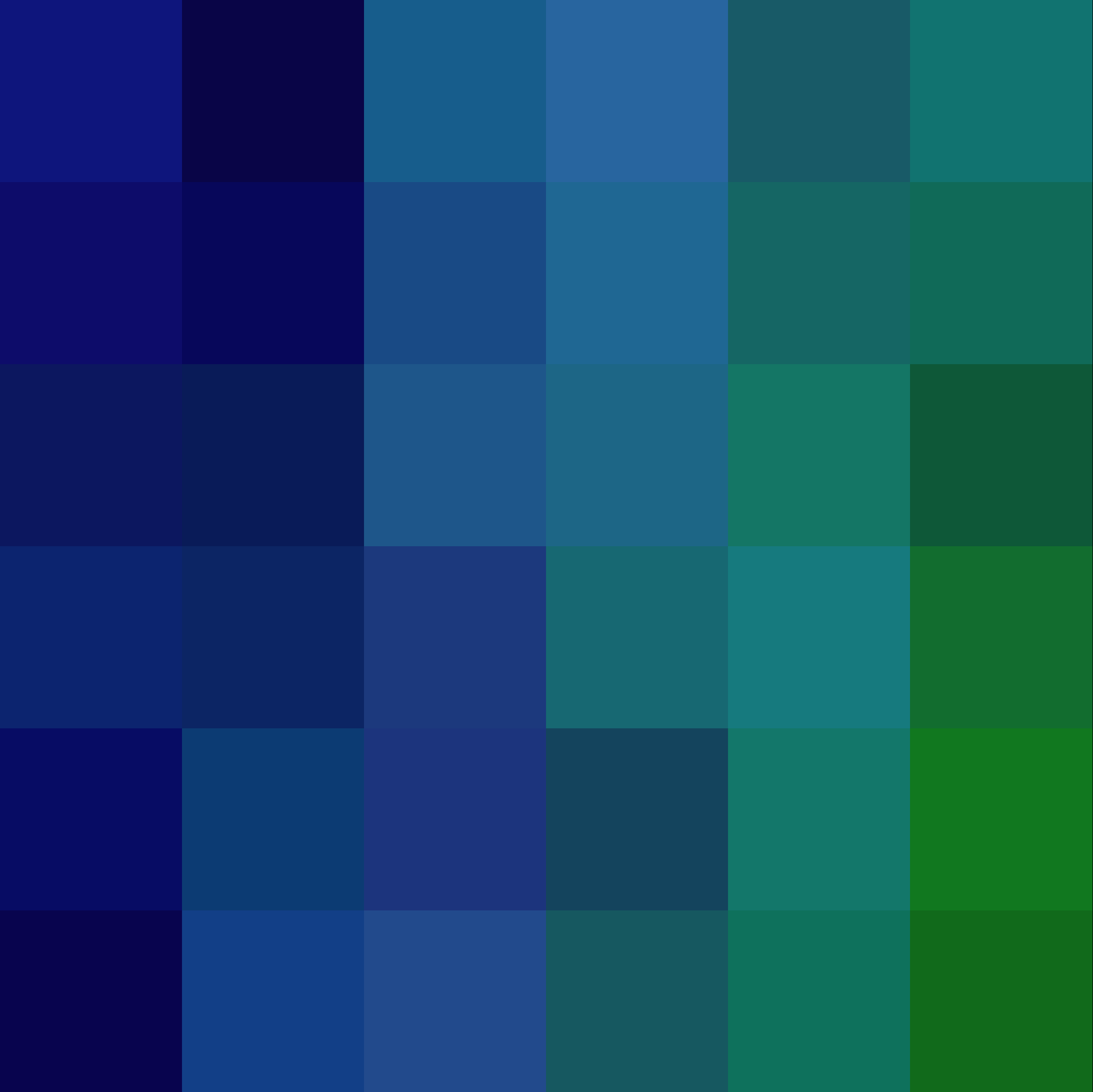
A 14 by 14 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some red, some cyan, a bit of rose, a bit of orange, and a little bit of magenta in it.

A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, but it also has quite some green, a bit of lime, a little bit of orange, and a tiny bit of cyan in it.
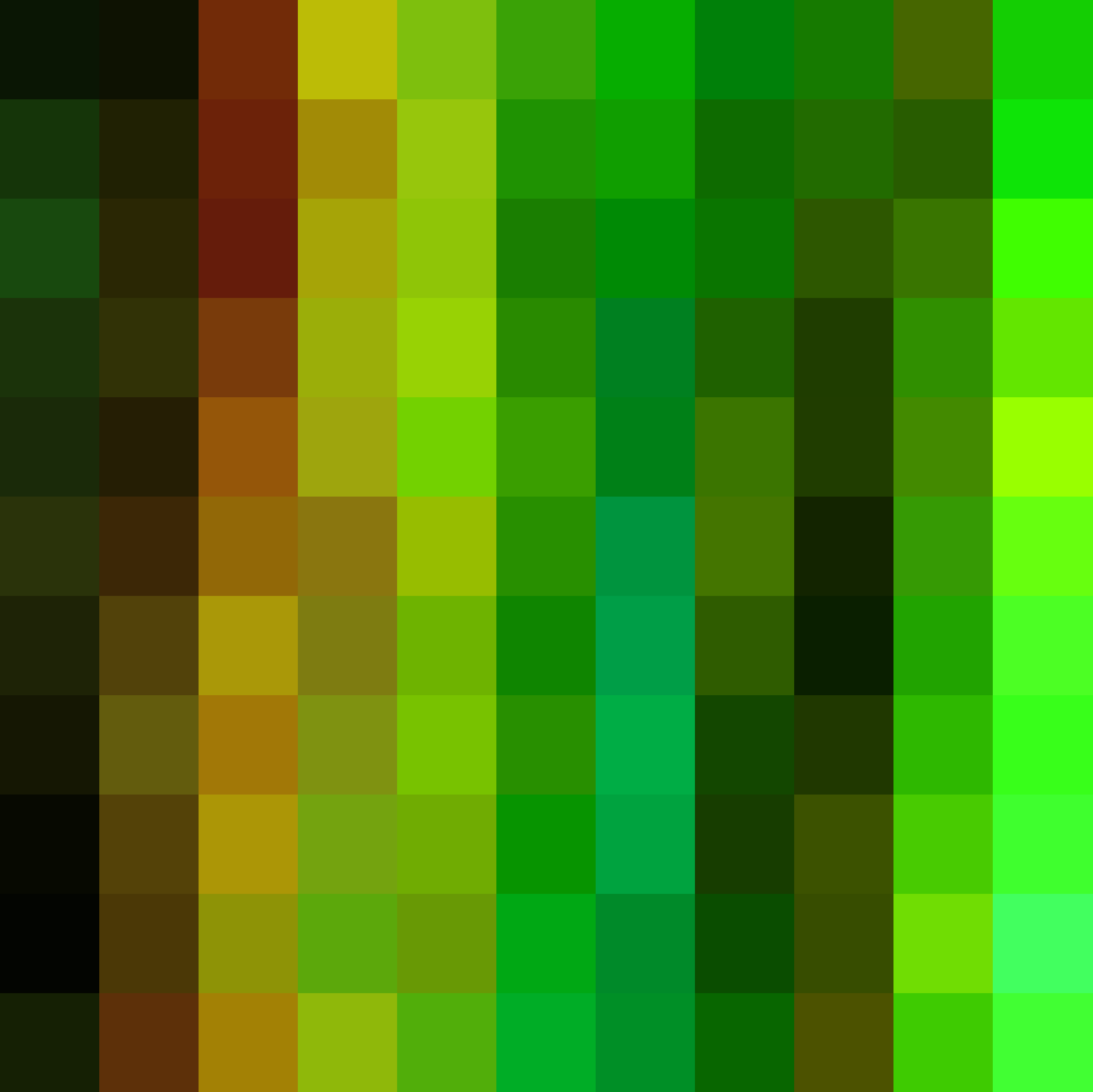
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has a bit of cyan, a bit of blue, a bit of magenta, a bit of yellow, a bit of lime, a little bit of rose, a tiny bit of purple, and a tiny bit of orange in it.
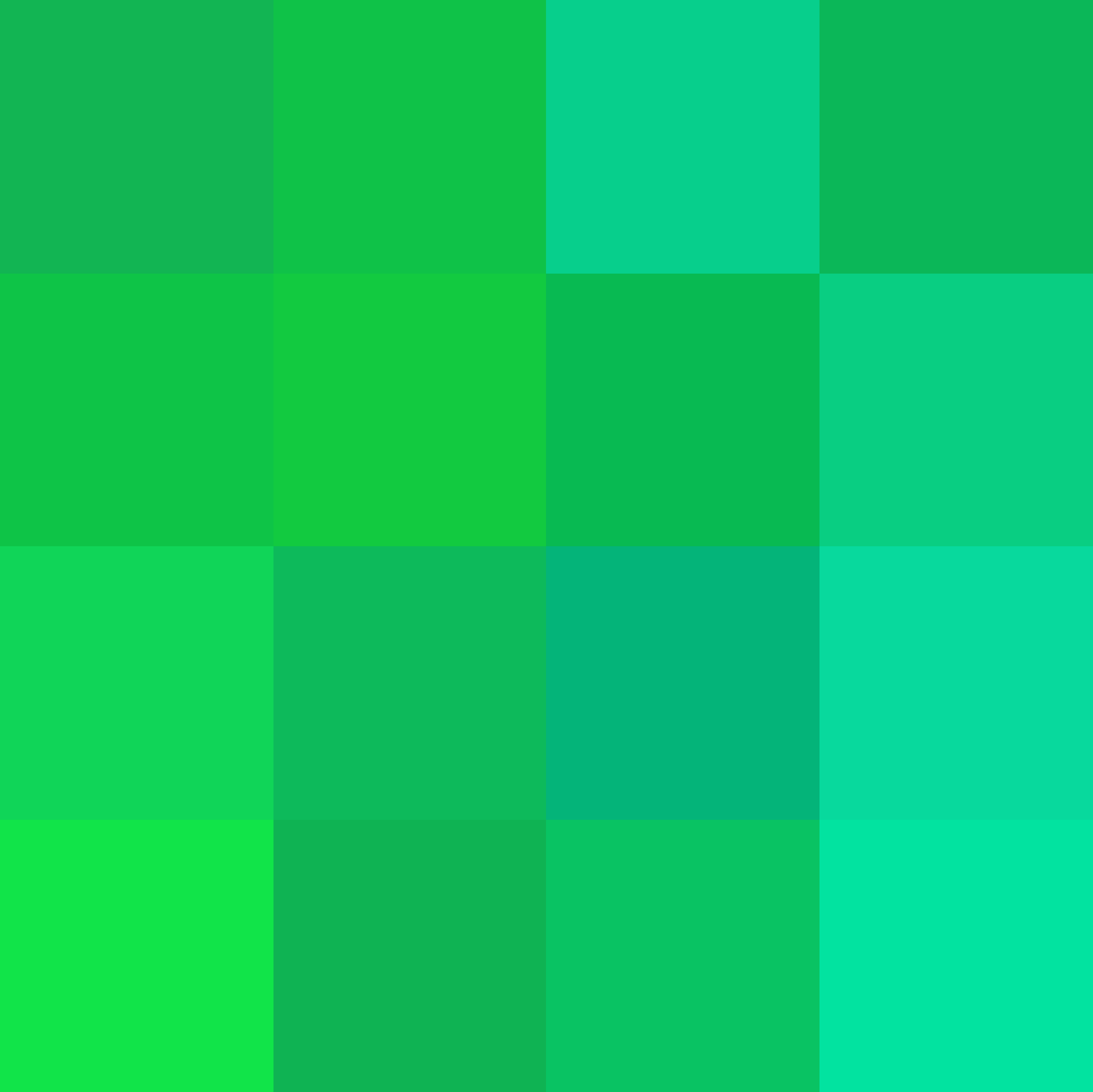
The cells in this 6 by 6 pixel grid form a gradient. It is mostly blue, but it also has quite some cyan, some green, and a bit of indigo in it.
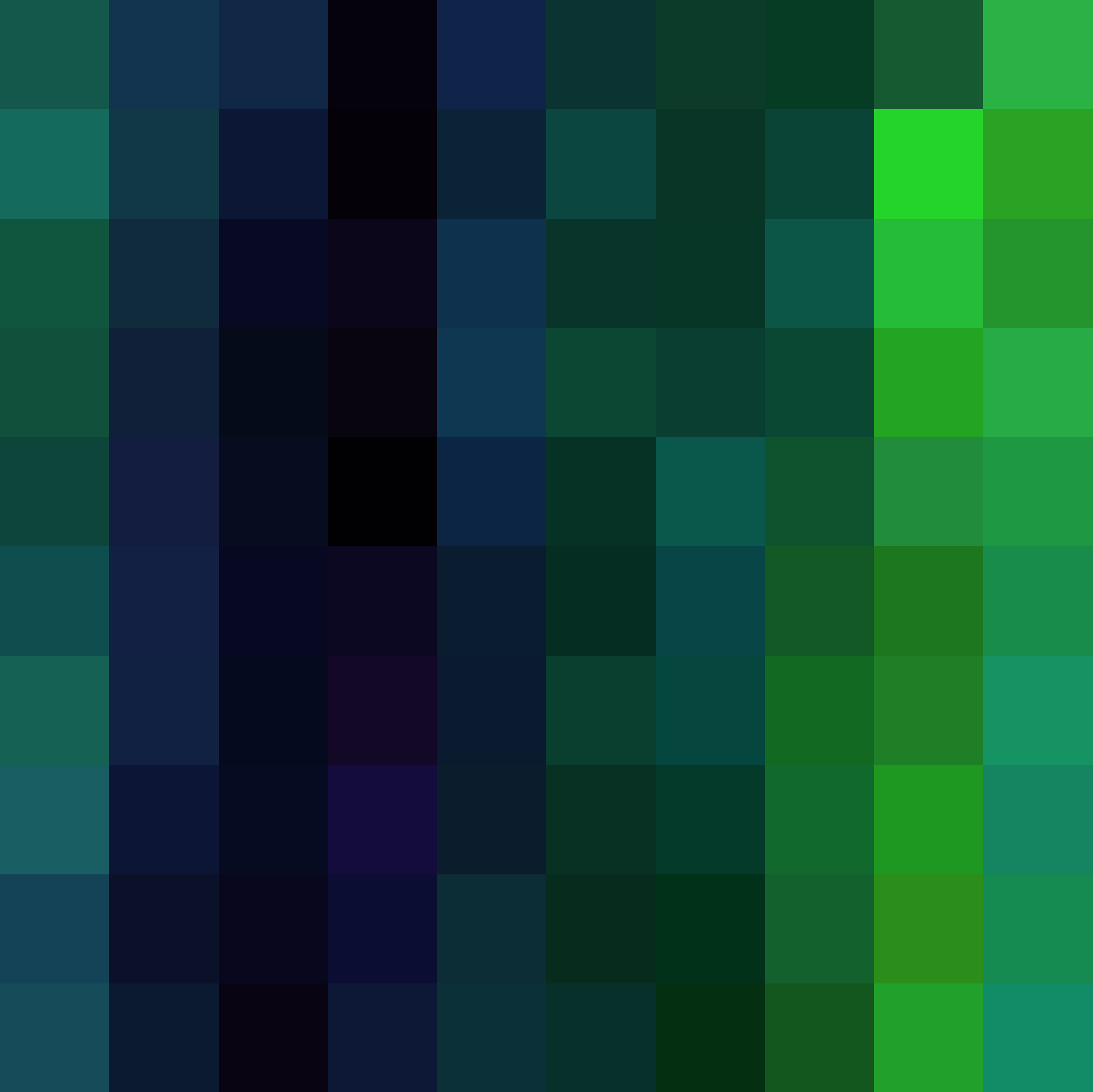
A colourful grid of 121 blocks. It's mostly green, and it also has some yellow, a bit of lime, a bit of orange, and a tiny bit of red in it.

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

Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has quite some cyan, quite some blue, a bit of yellow, a bit of orange, a tiny bit of lime, and a tiny bit of magenta in it.
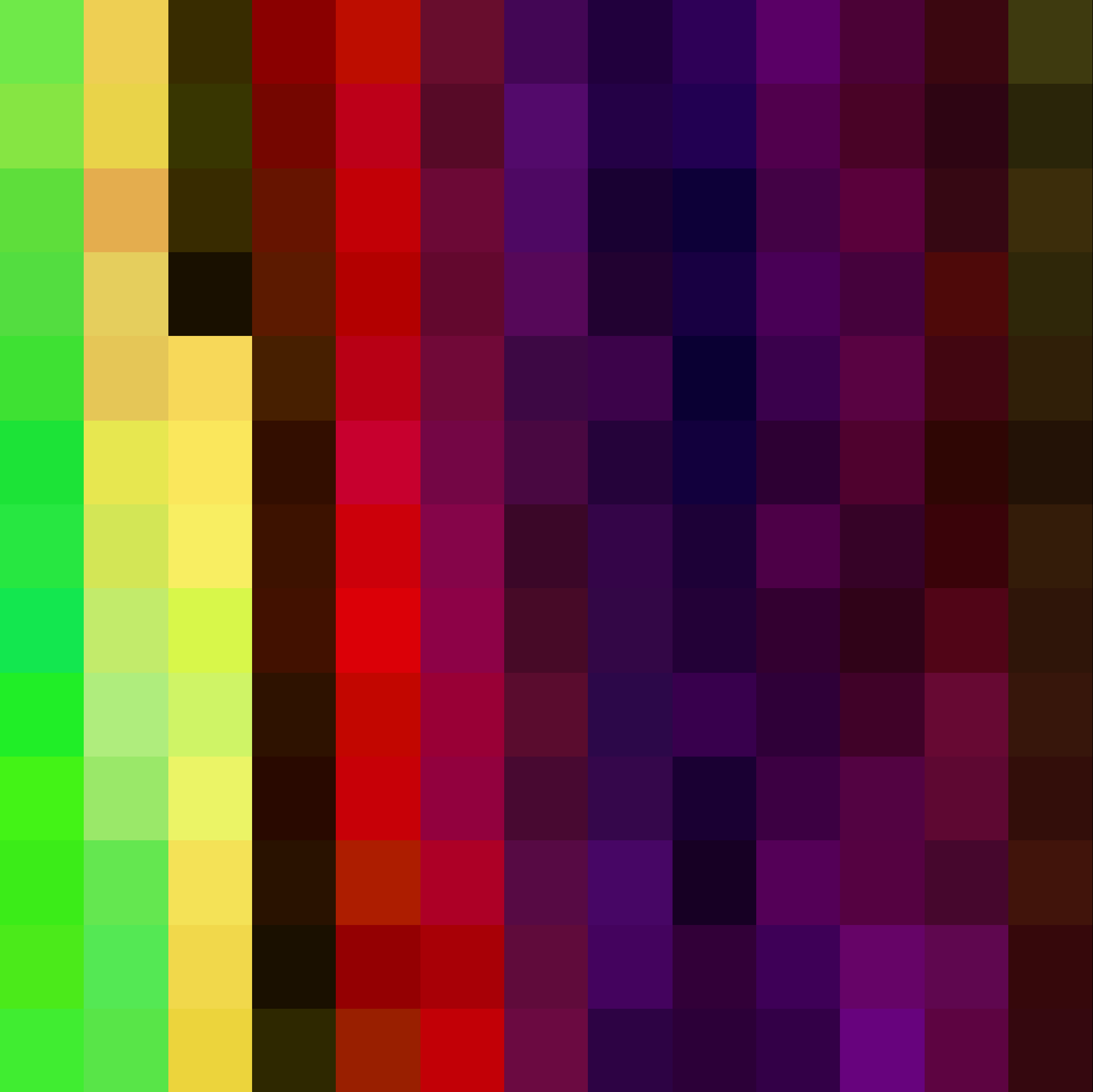
This colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has quite some blue, some cyan, a bit of indigo, and a little bit of violet in it.
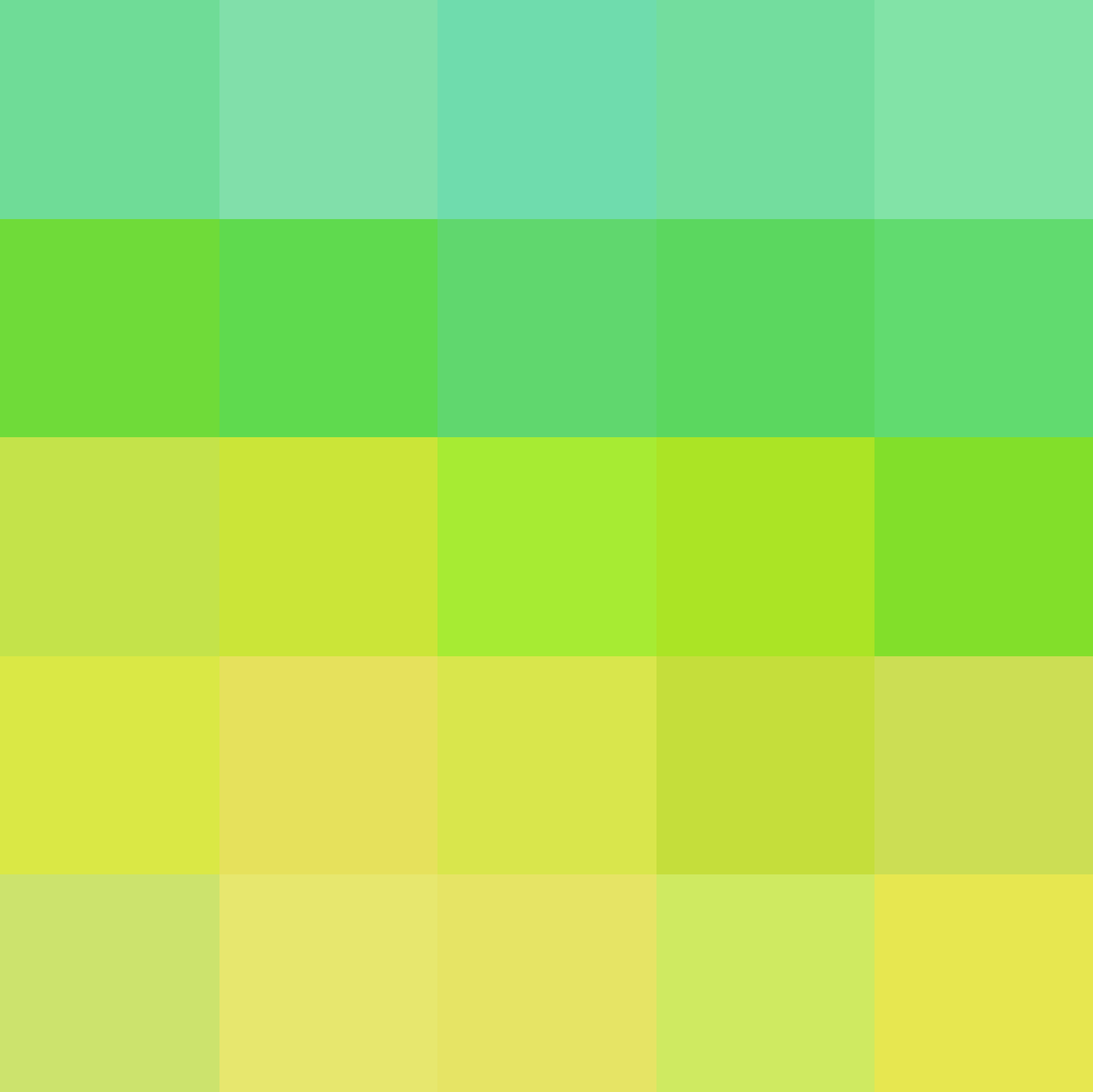
There's a very, very colourful pixel gradient in this 16 by 16 grid. It is mostly blue, but it also has some cyan, some green, some magenta, a bit of rose, a tiny bit of red, a tiny bit of indigo, and a tiny bit of orange in it.

The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly blue, but it also has some indigo, some violet, some purple, and some magenta in it.
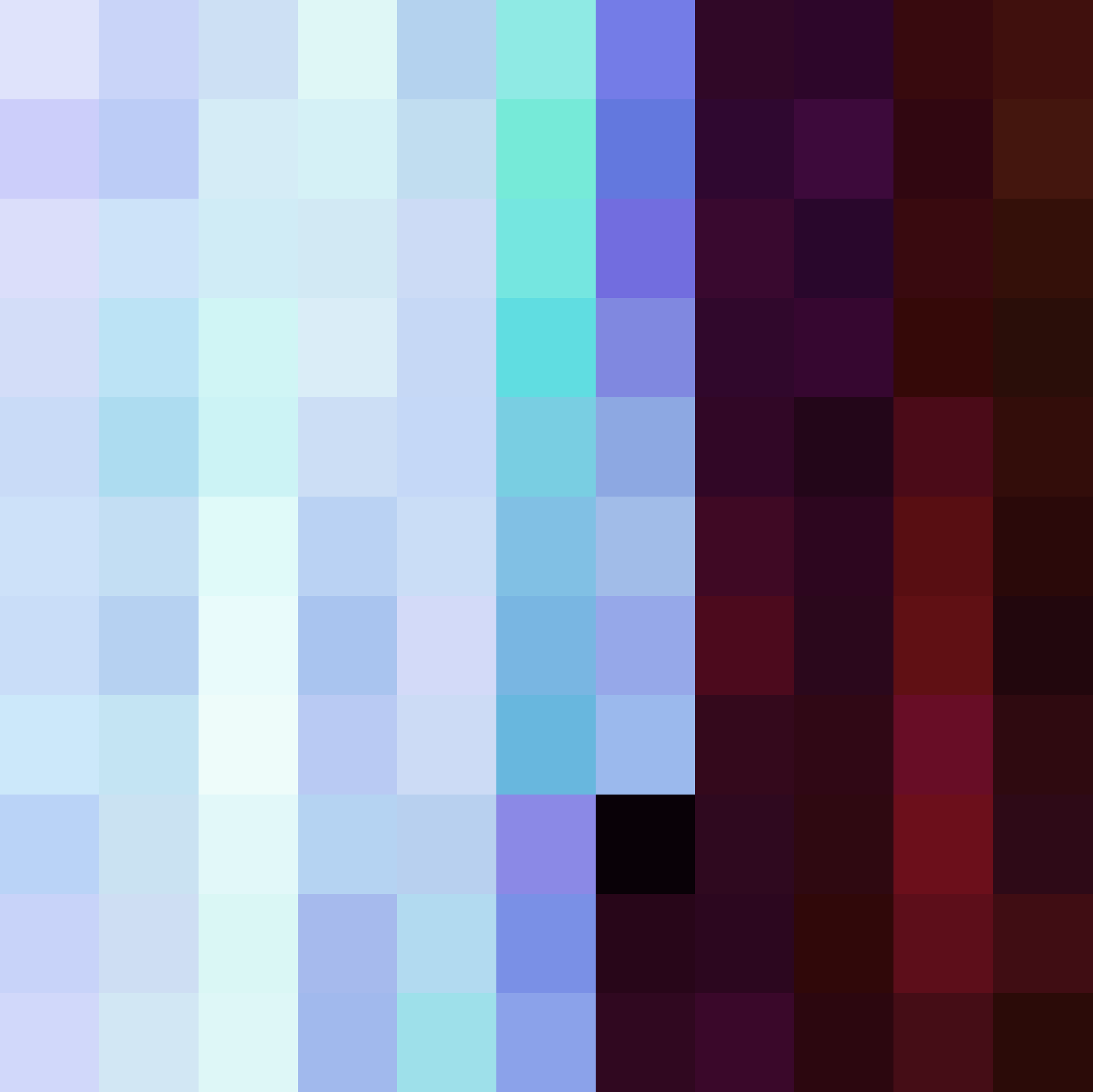
A colourful grid of 169 blocks. It's mostly red, and it also has some yellow, some green, a bit of orange, and a tiny bit of lime in it.

A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some yellow, and some lime in it.
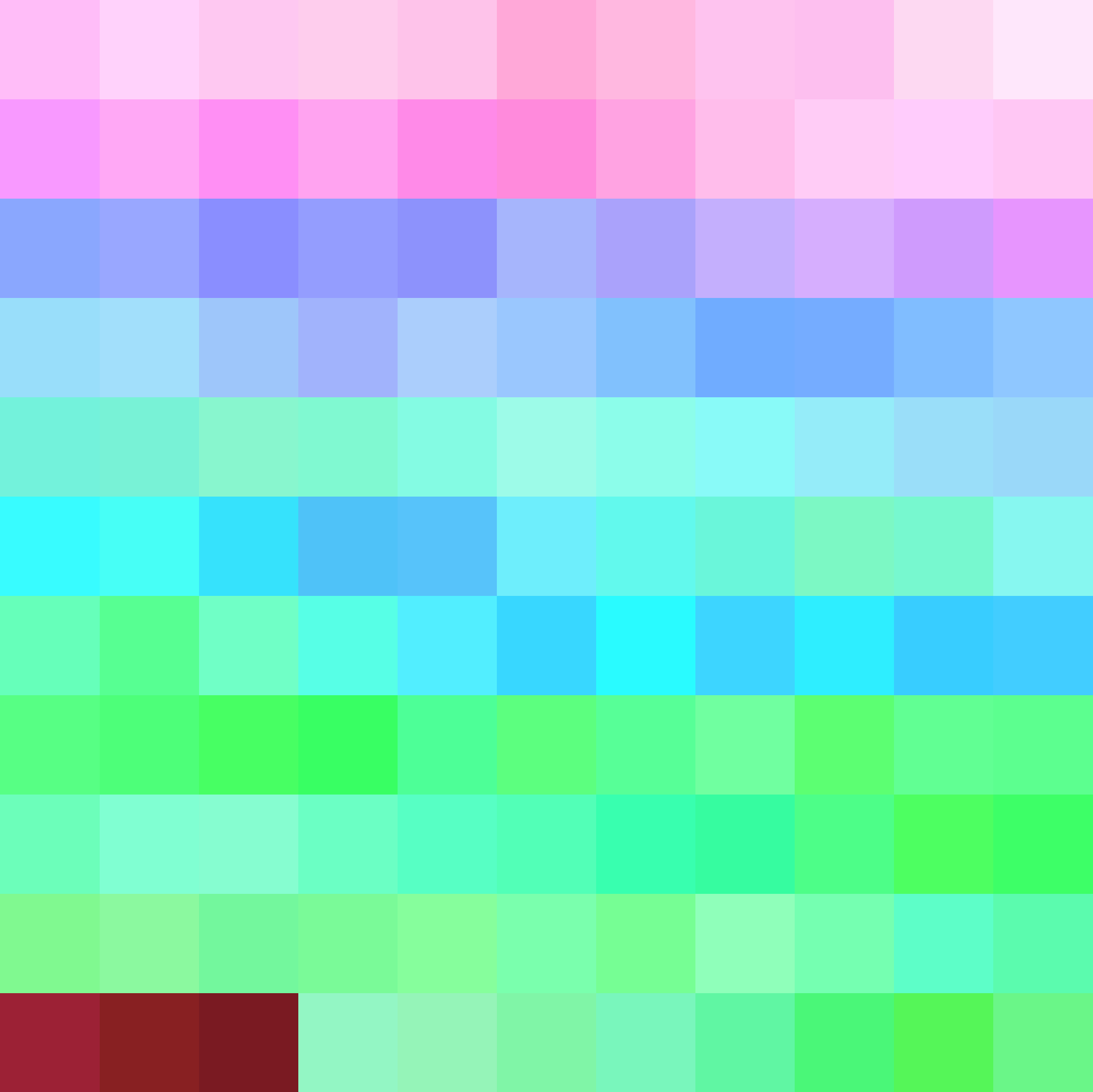
An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some red, some magenta, some cyan, a little bit of rose, and a tiny bit of indigo in it.

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, some lime, a bit of orange, and a tiny bit of red in it.

The cells in this 7 by 7 pixel grid form a very, very colourful gradient. It is mostly purple, and it also has some violet, a bit of indigo, a bit of blue, a bit of magenta, a little bit of red, a little bit of orange, and a little bit of green in it.

A grid with 121 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some blue, some magenta, some cyan, a tiny bit of red, a tiny bit of purple, a tiny bit of indigo, a tiny bit of rose, and a tiny bit of violet in it.
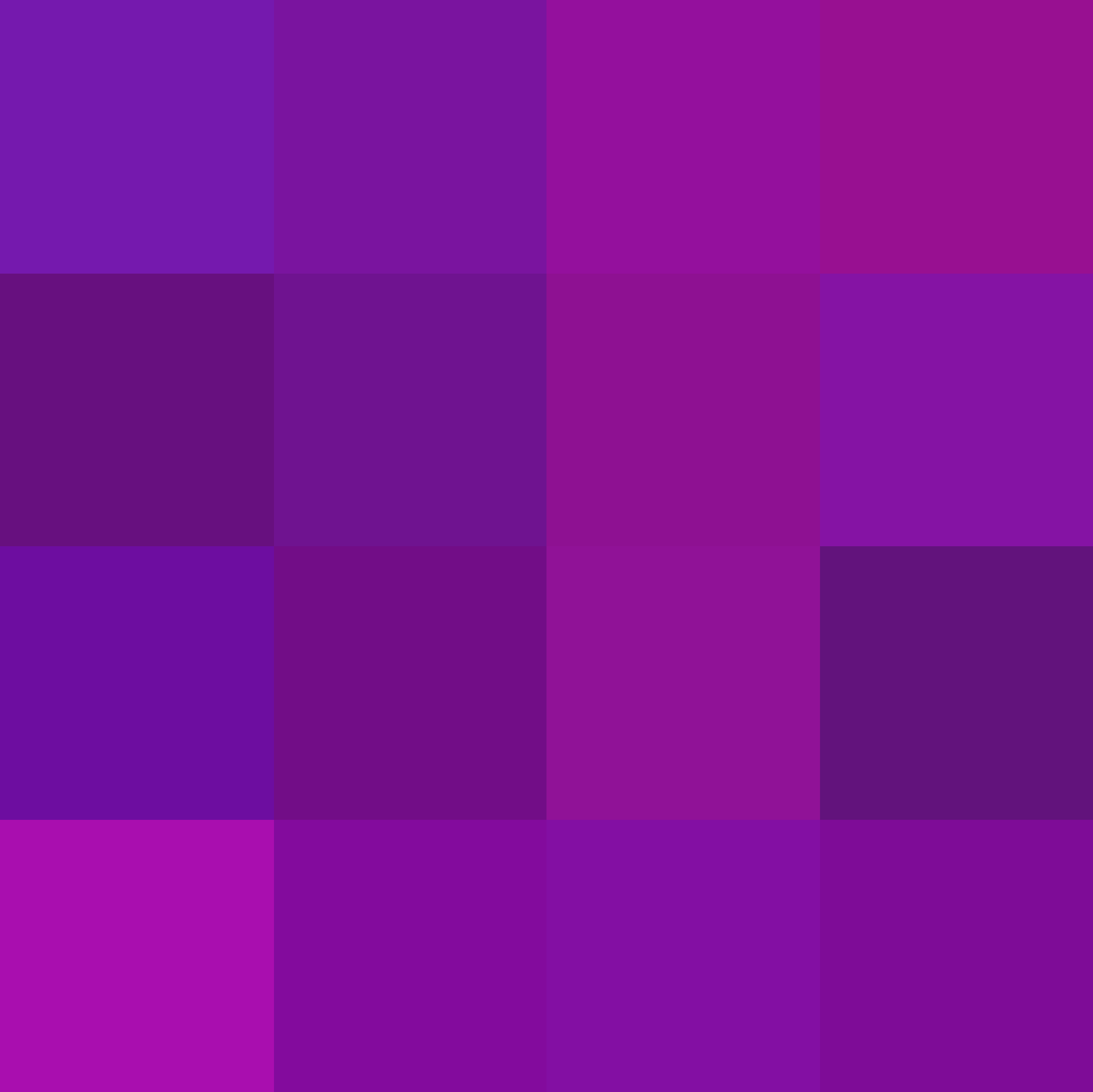
A grid with 16 coloured squares that form a gradient. The colours are various shades of mostly orange, but it also has some red, and some yellow in it.

The cells in this 5 by 5 pixel grid form a gradient. It is mostly cyan, but it also has quite some green, and quite some blue in it.
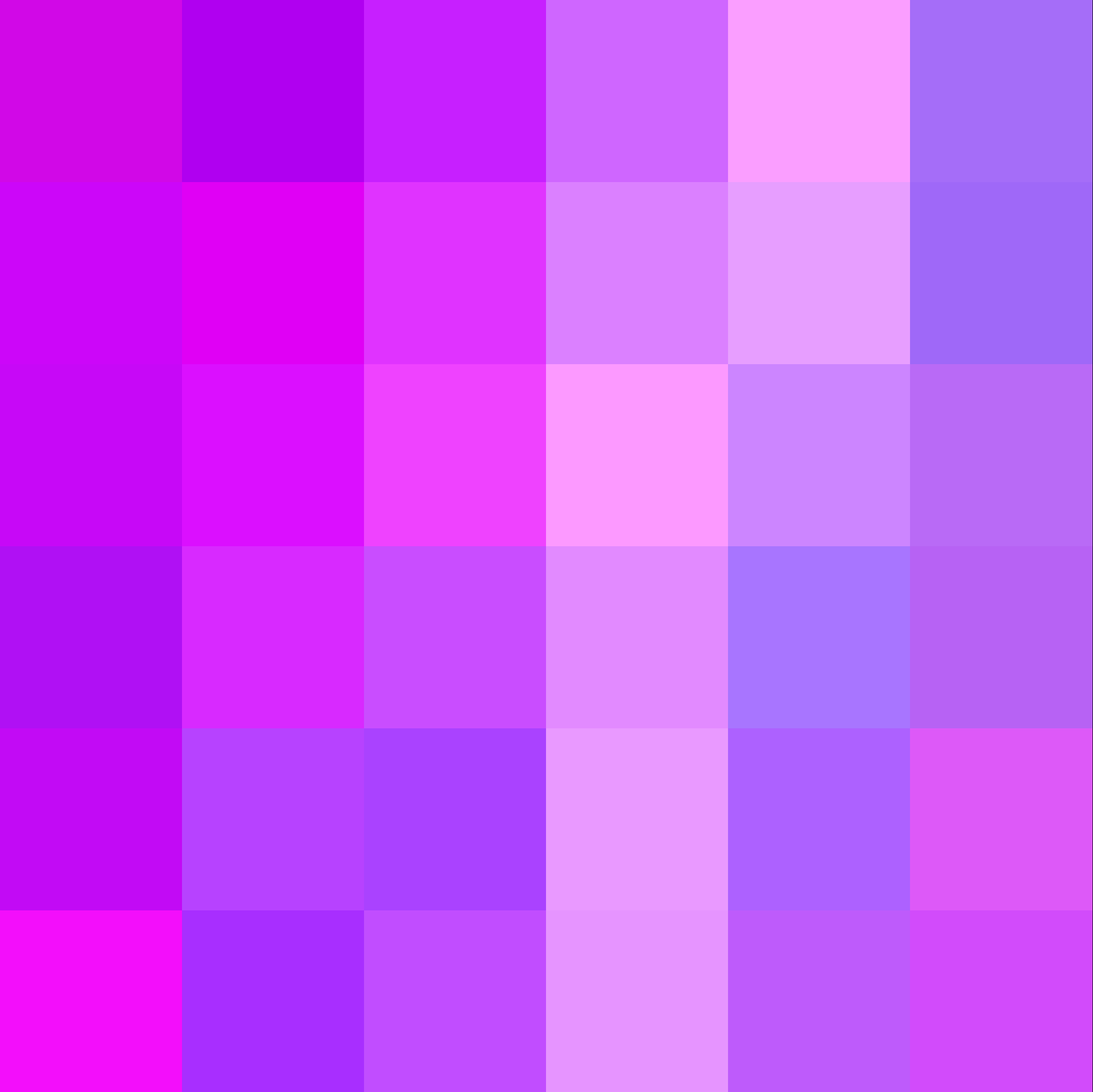
A two tone grid of 49 blocks. It's mostly red, but it also has quite some orange in it.
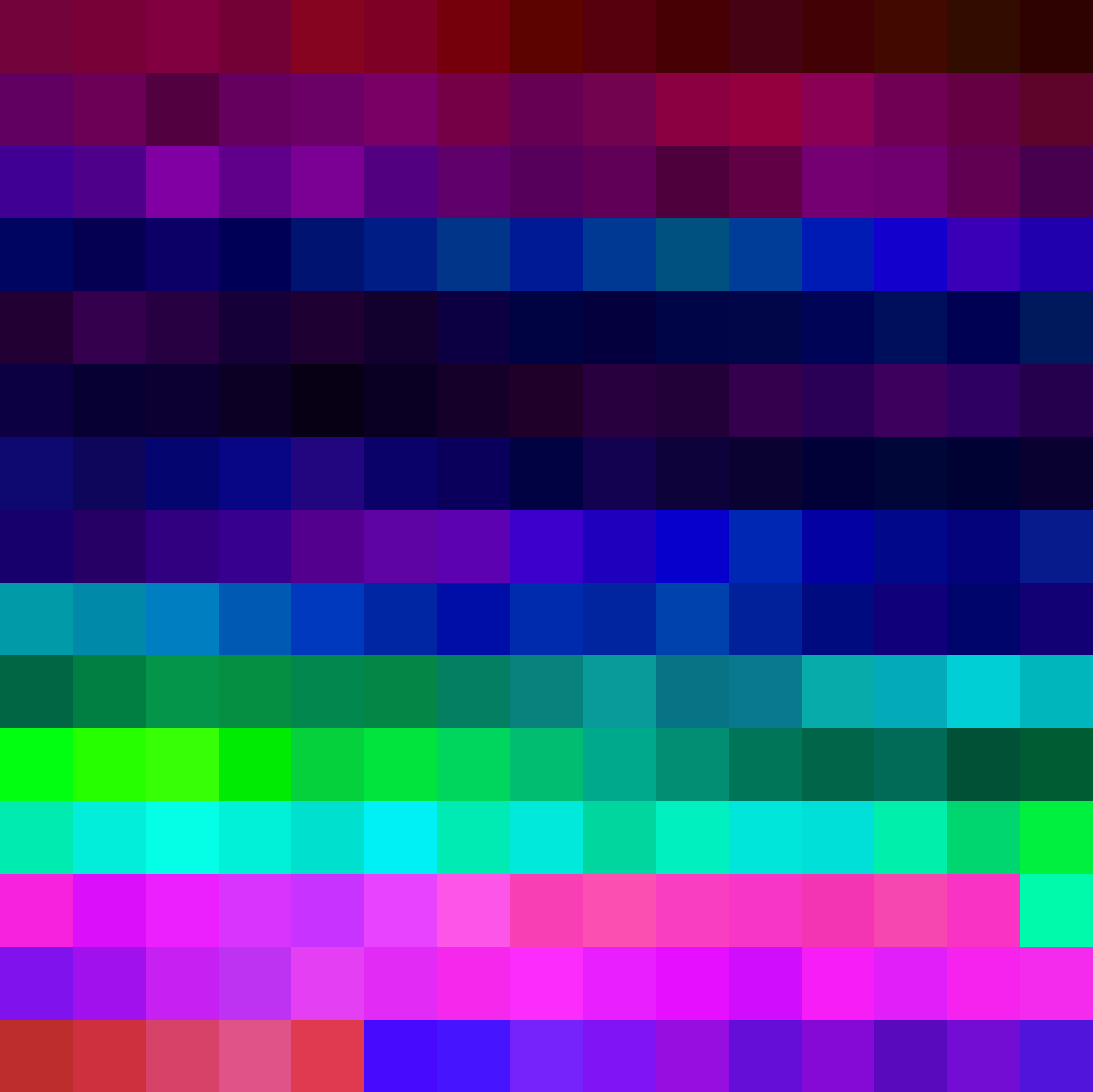
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly purple, and it also has quite some magenta in it.
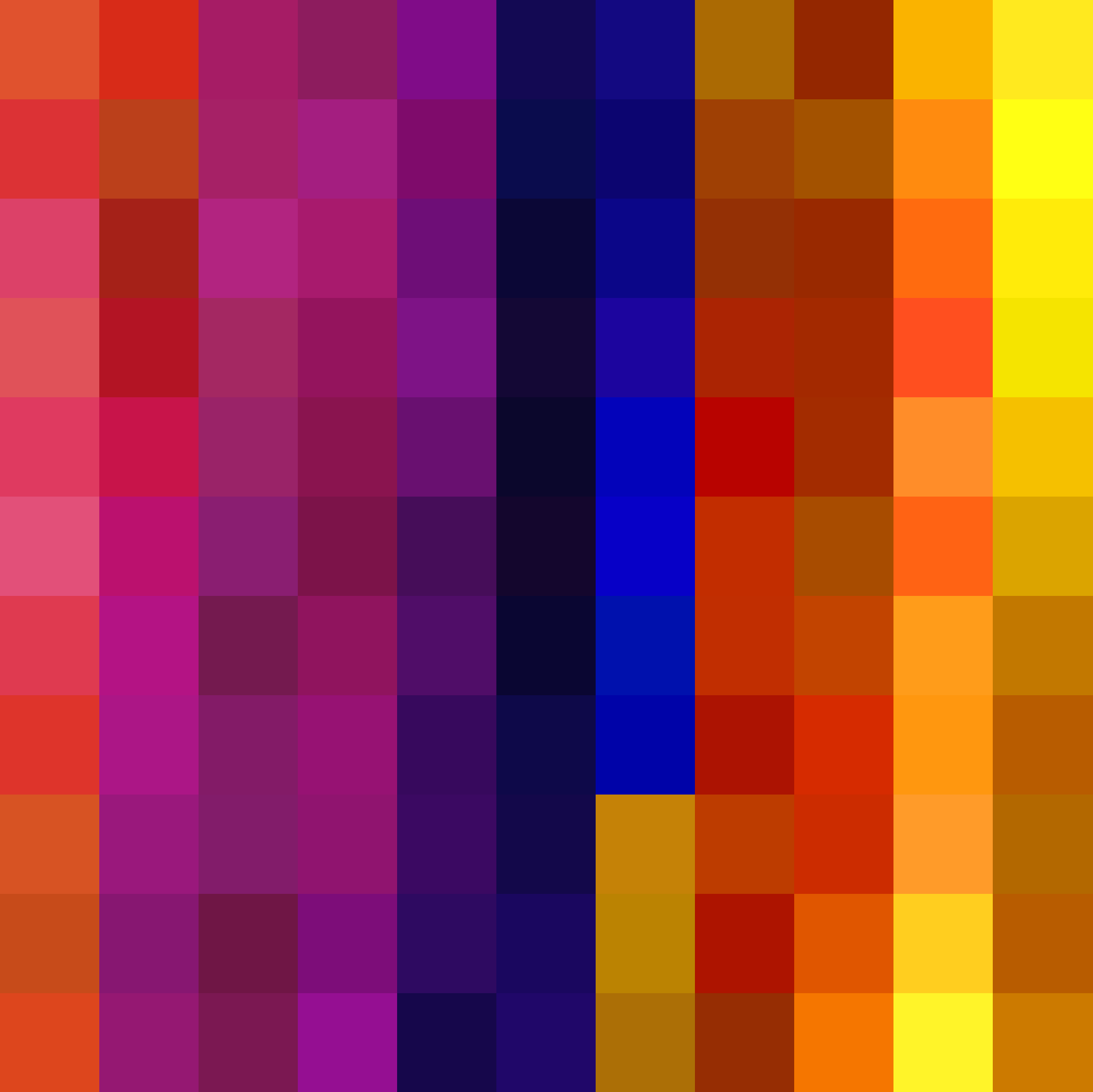
The cells in this 6 by 6 pixel grid form a gradient. It is mostly purple, and it also has some magenta, and some violet in it.
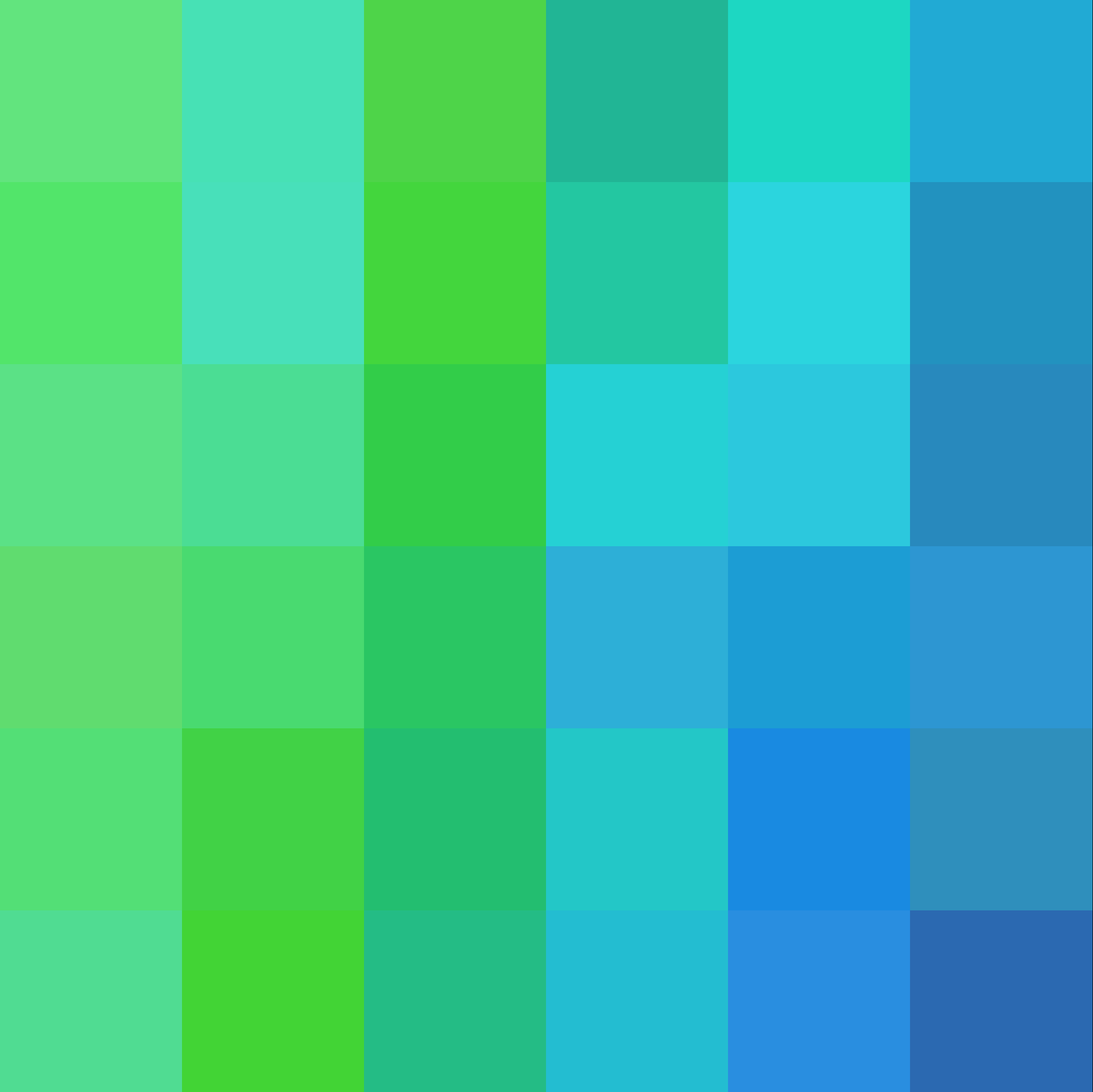
There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly red, and it also has a bit of magenta, a little bit of purple, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of rose in it.

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

There's a pixel gradient in this 11 by 11 grid. It is mostly red, but it also has quite some orange, and a little bit of yellow in it.
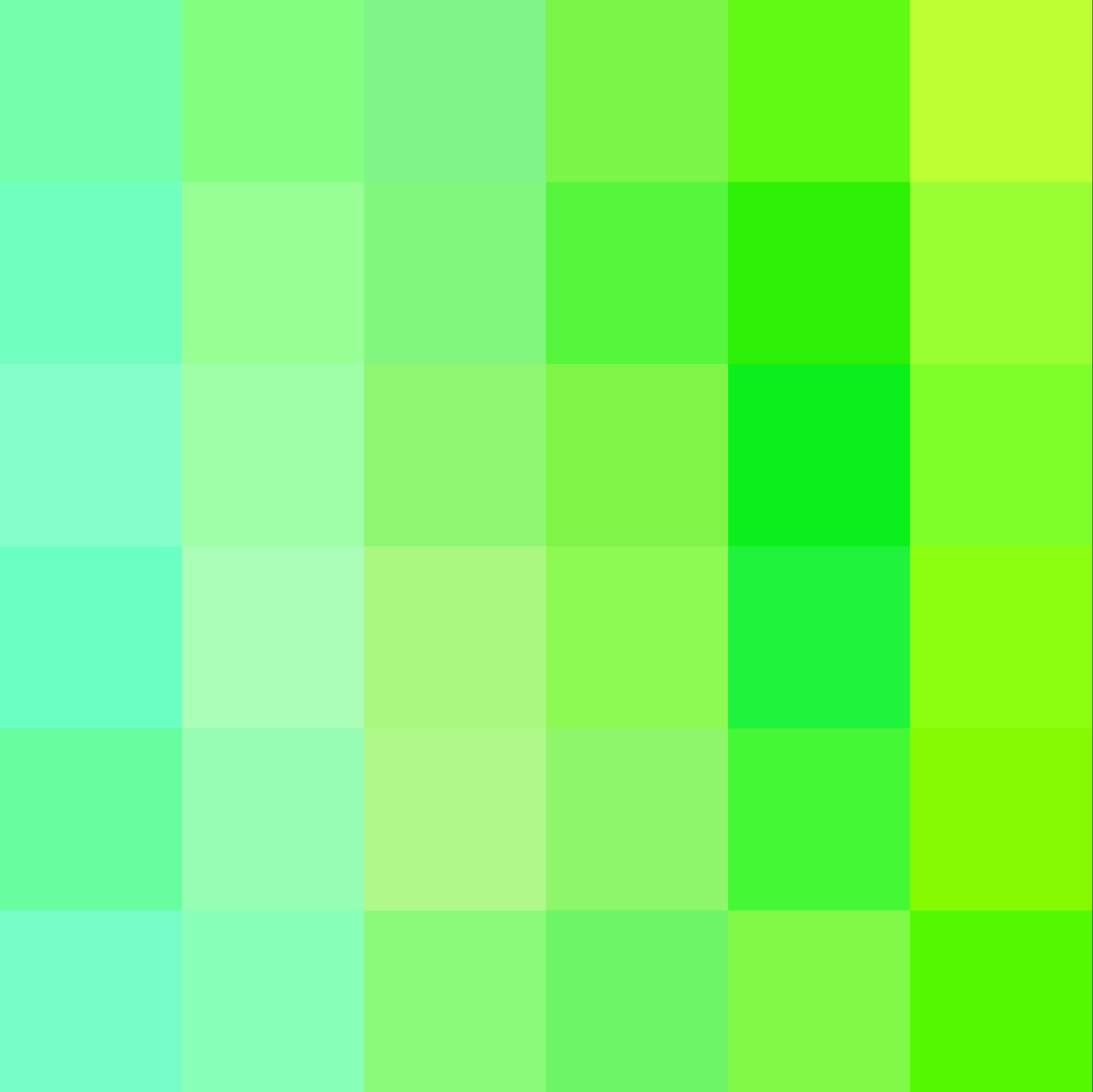
The gradient in this 6 by 6 pixel grid is mostly green, and it also has quite some blue, and quite some cyan in it.

A very, very colourful grid of 256 blocks. It's mostly blue, but it also has some magenta, some purple, some cyan, a bit of indigo, a bit of violet, a little bit of green, and a tiny bit of rose in it.

A 9 by 9 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, and it also has quite some green, quite some orange, a little bit of yellow, and a tiny bit of lime in it.
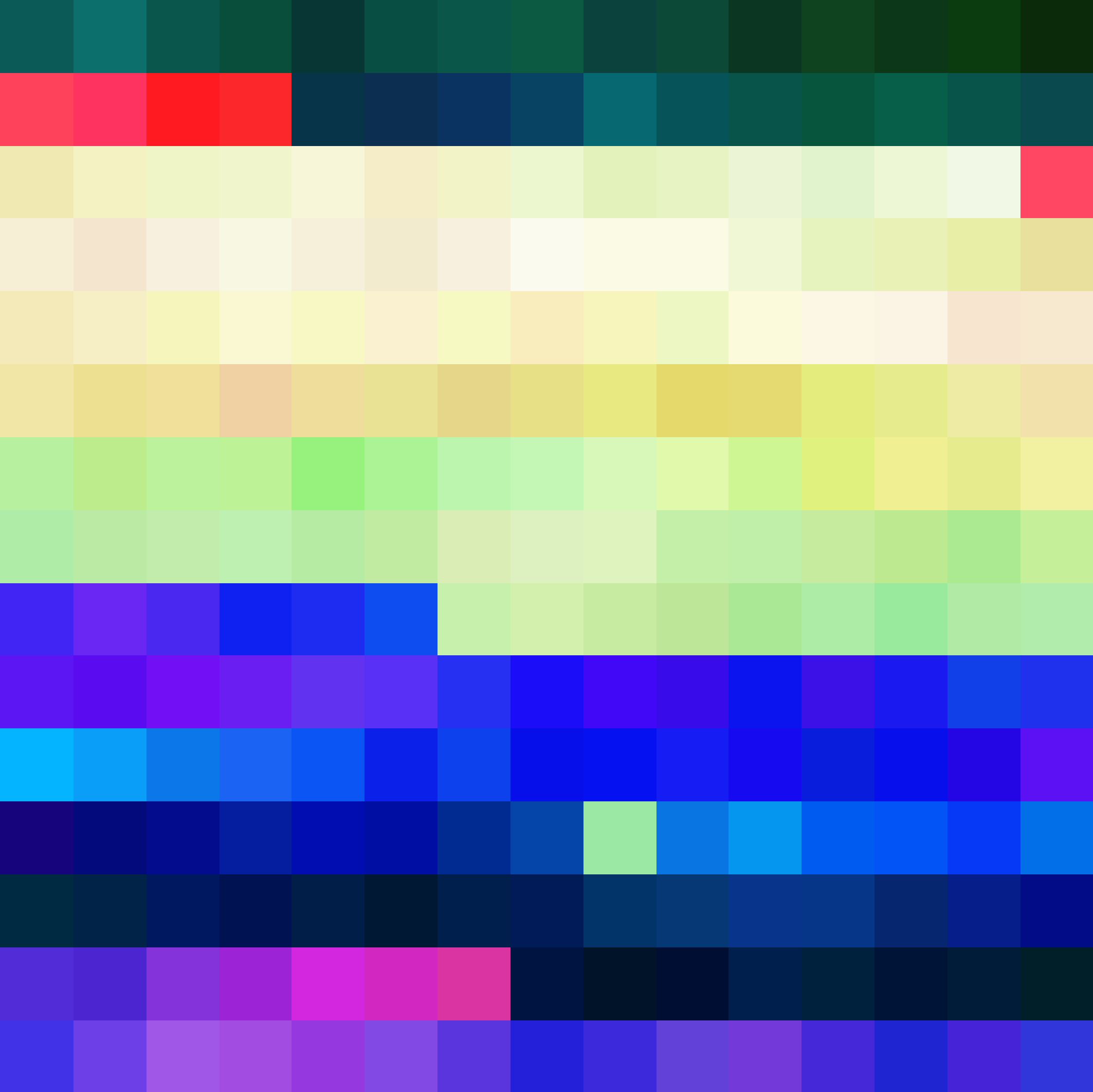
This two tone gradient, generated in this 6 by 6 pixel grid, is mostly green, but it also has a little bit of lime in it.
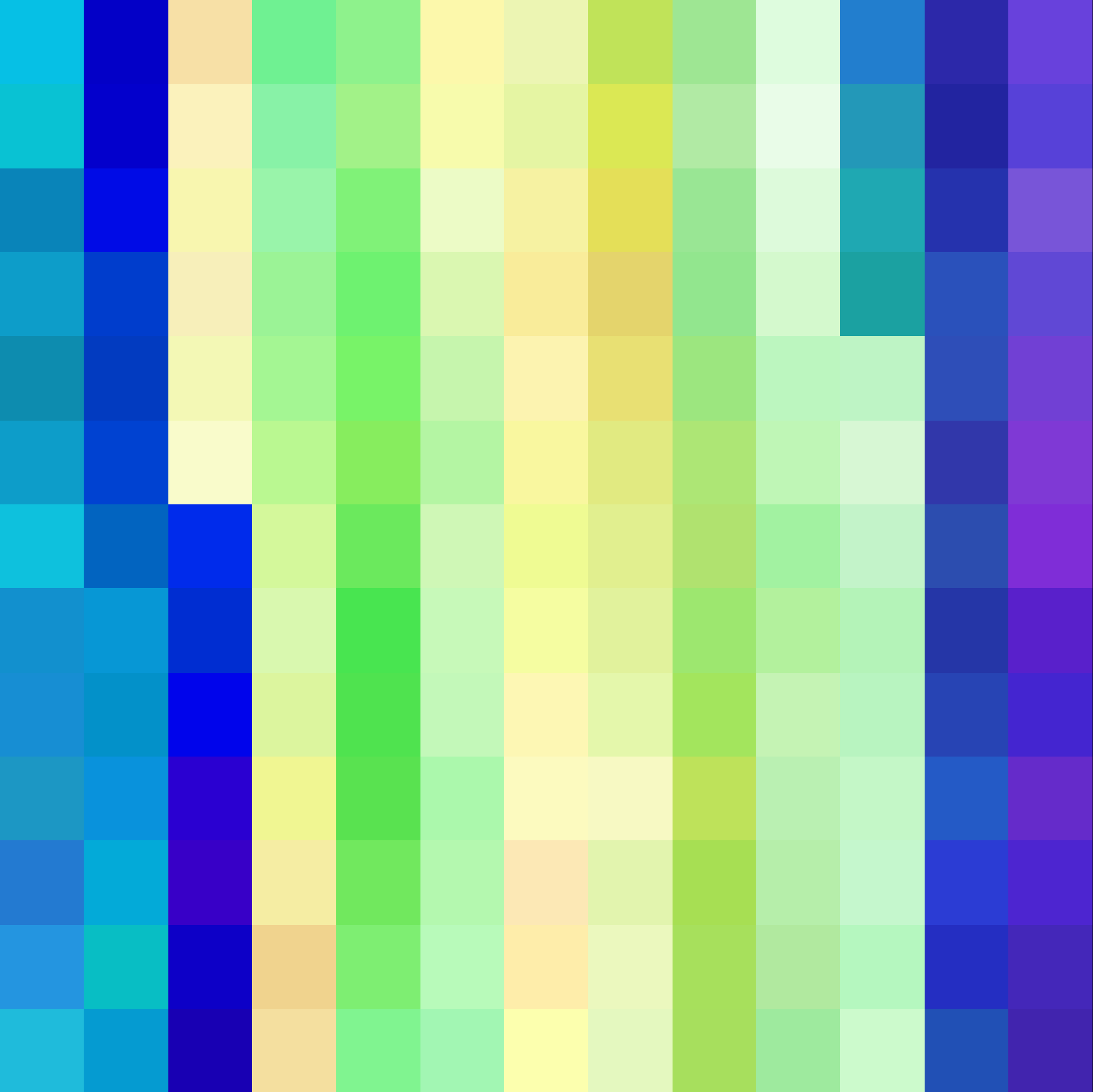
A 4 by 4 grid with coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some rose, and some orange in it.
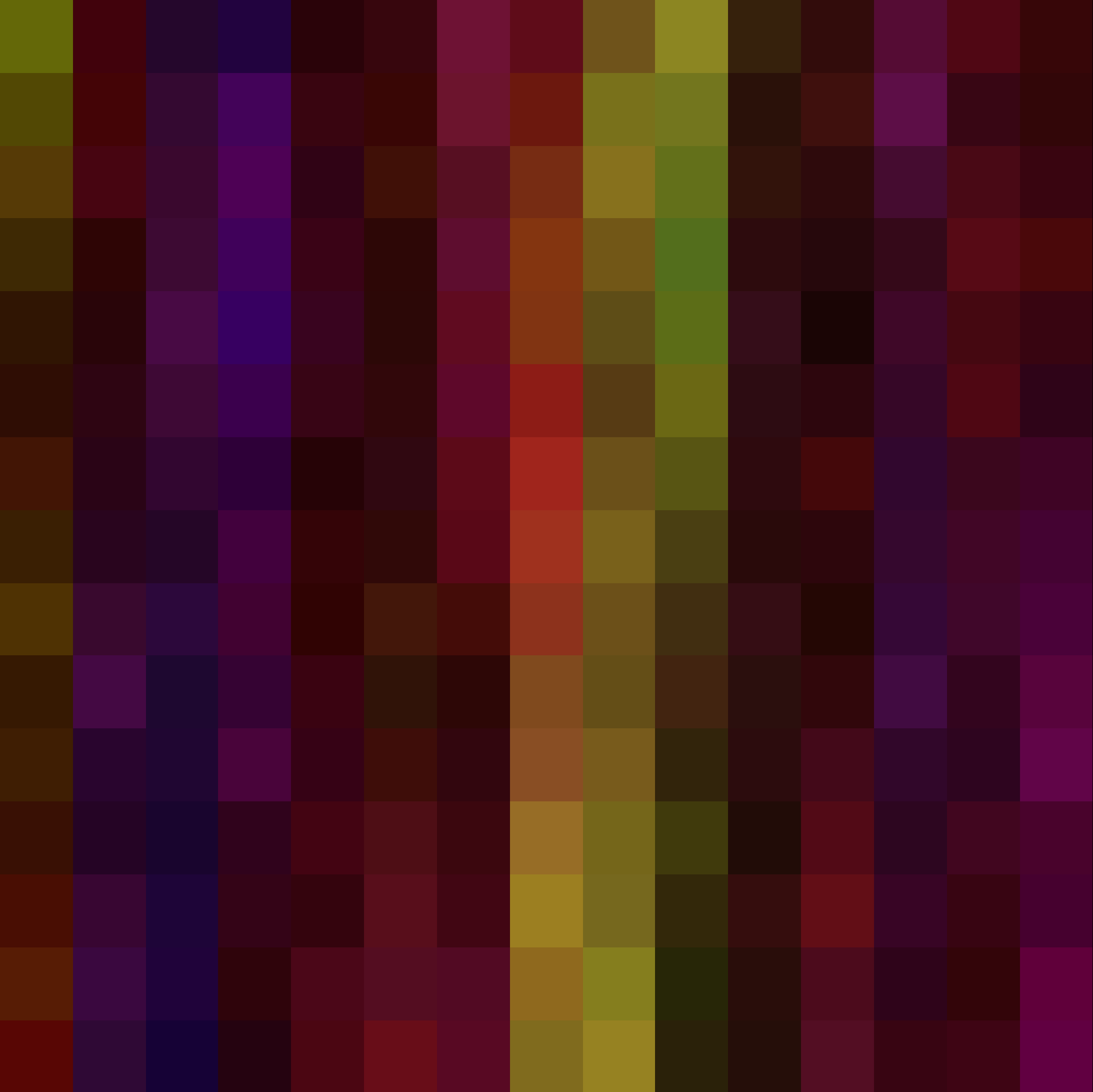
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly blue, and it also has quite some green, quite some yellow, some indigo, a little bit of cyan, a little bit of lime, a little bit of orange, a little bit of violet, a tiny bit of red, a tiny bit of purple, and a tiny bit of magenta in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has some green, some magenta, a bit of indigo, a bit of purple, a little bit of red, a little bit of cyan, a little bit of rose, a little bit of violet, a little bit of yellow, a tiny bit of lime, and a tiny bit of orange in it.
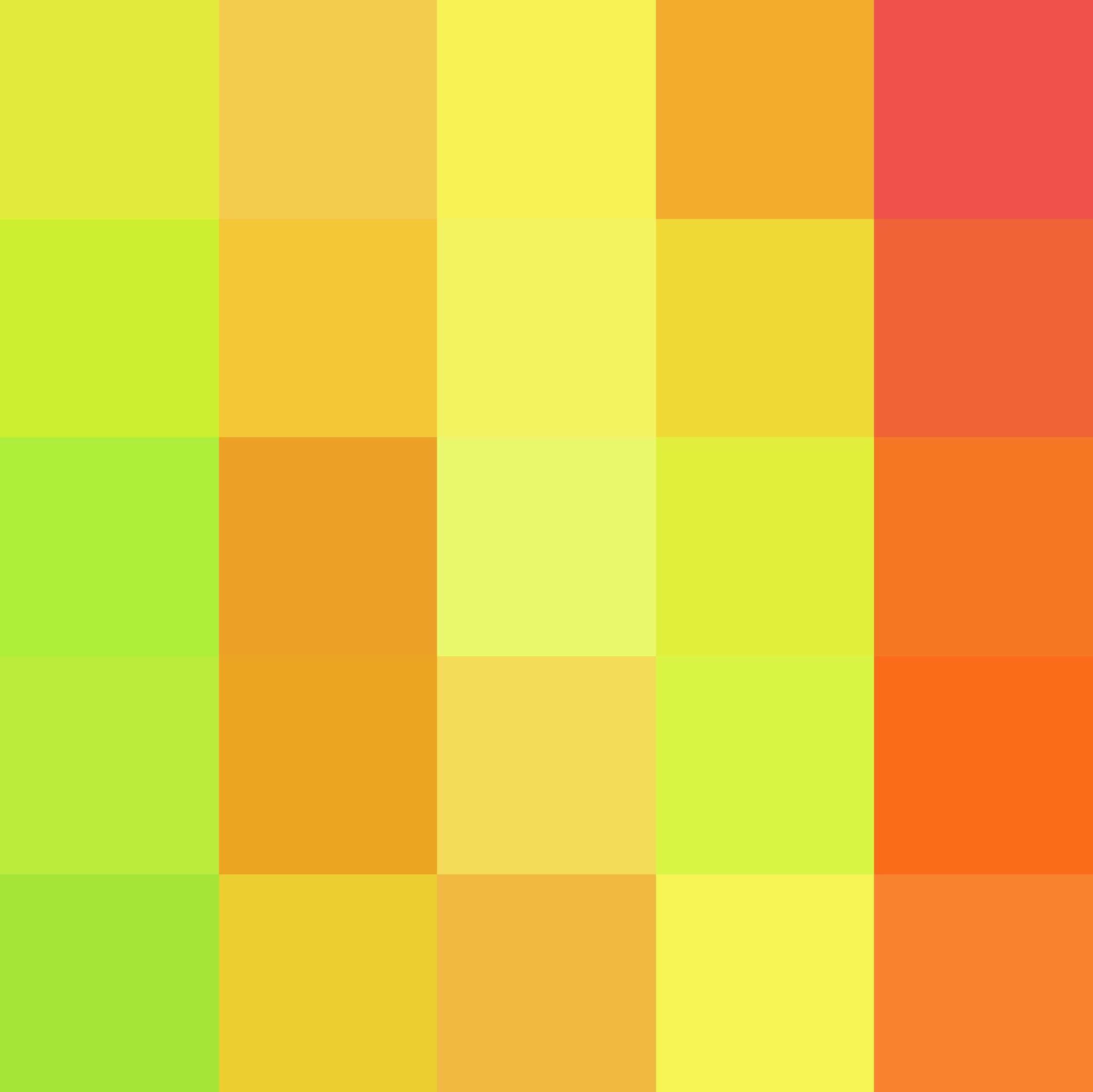
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly green, and it also has quite some blue, some yellow, a bit of indigo, a little bit of cyan, a little bit of lime, a tiny bit of orange, and a tiny bit of violet in it.

This colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, but it also has some orange, a bit of yellow, a tiny bit of green, and a tiny bit of lime in it.

A very colourful grid of 25 blocks. It's mostly blue, but it also has quite some cyan, a bit of purple, a bit of indigo, a little bit of violet, and a little bit of green in it.
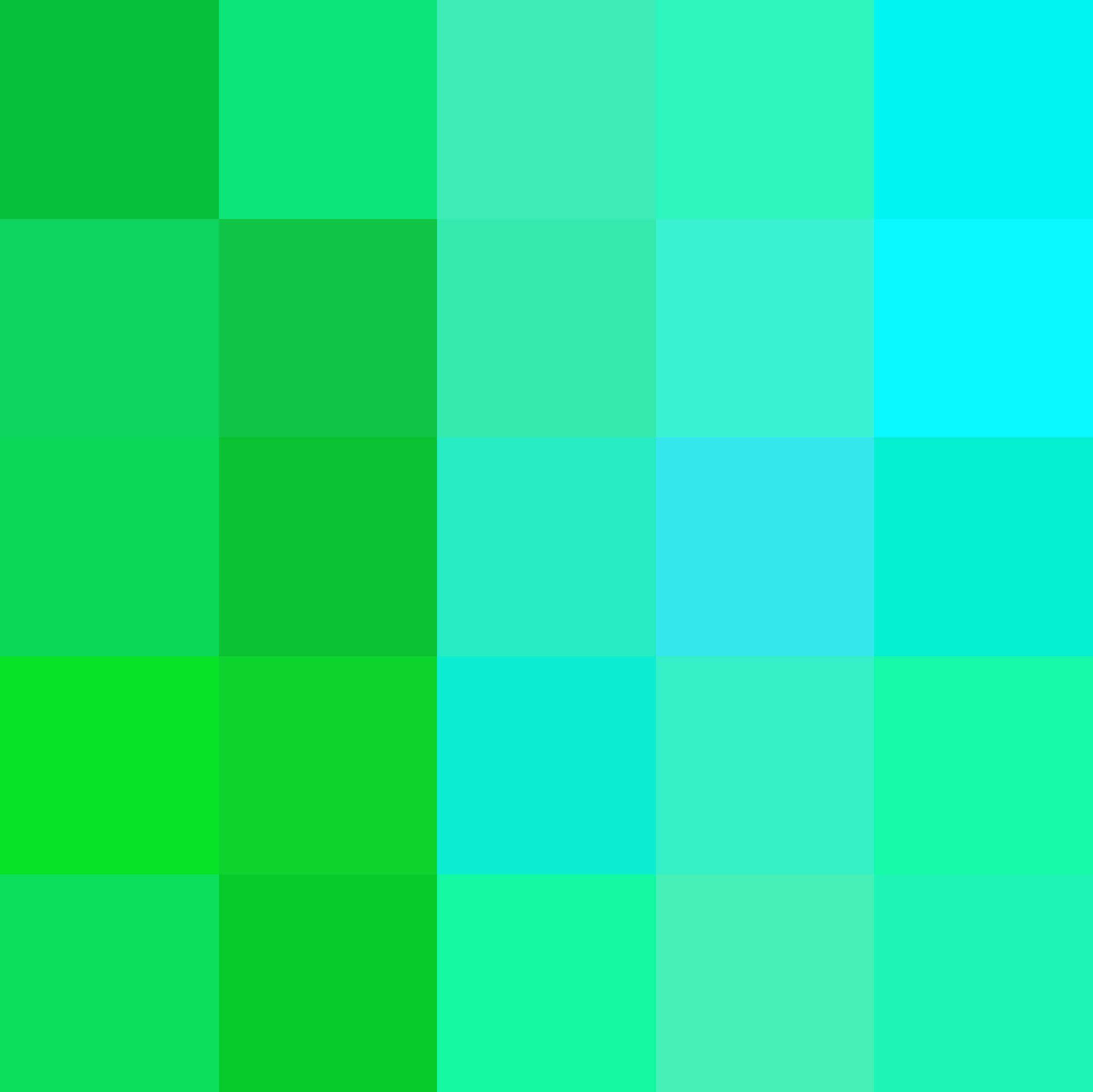
A grid with 25 coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, but it also has quite some orange, a bit of green, a bit of lime, and a bit of red in it.
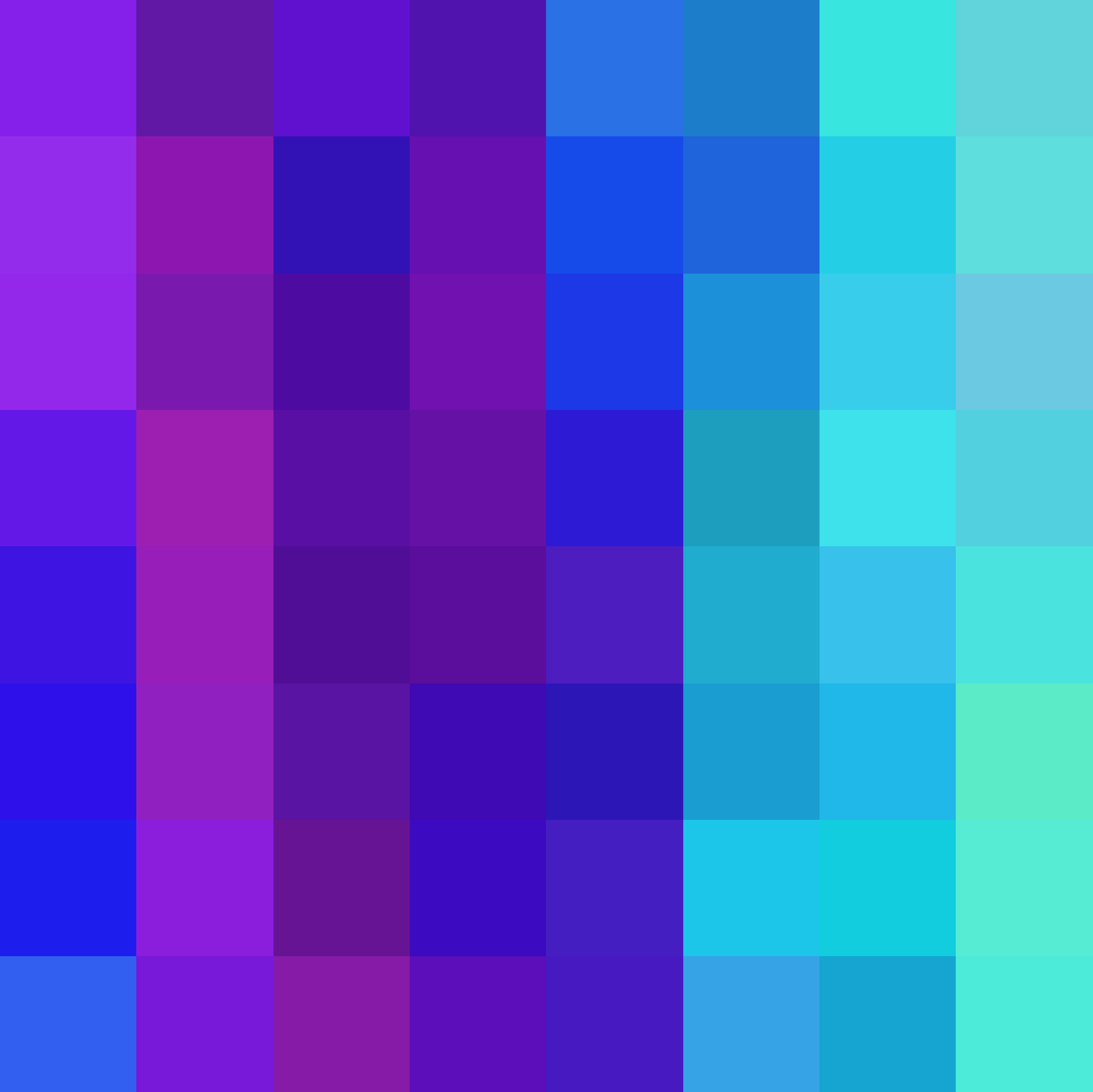
The gradient in this 9 by 9 pixel grid is mostly yellow, and it also has quite some green, quite some orange, and a bit of lime in it.
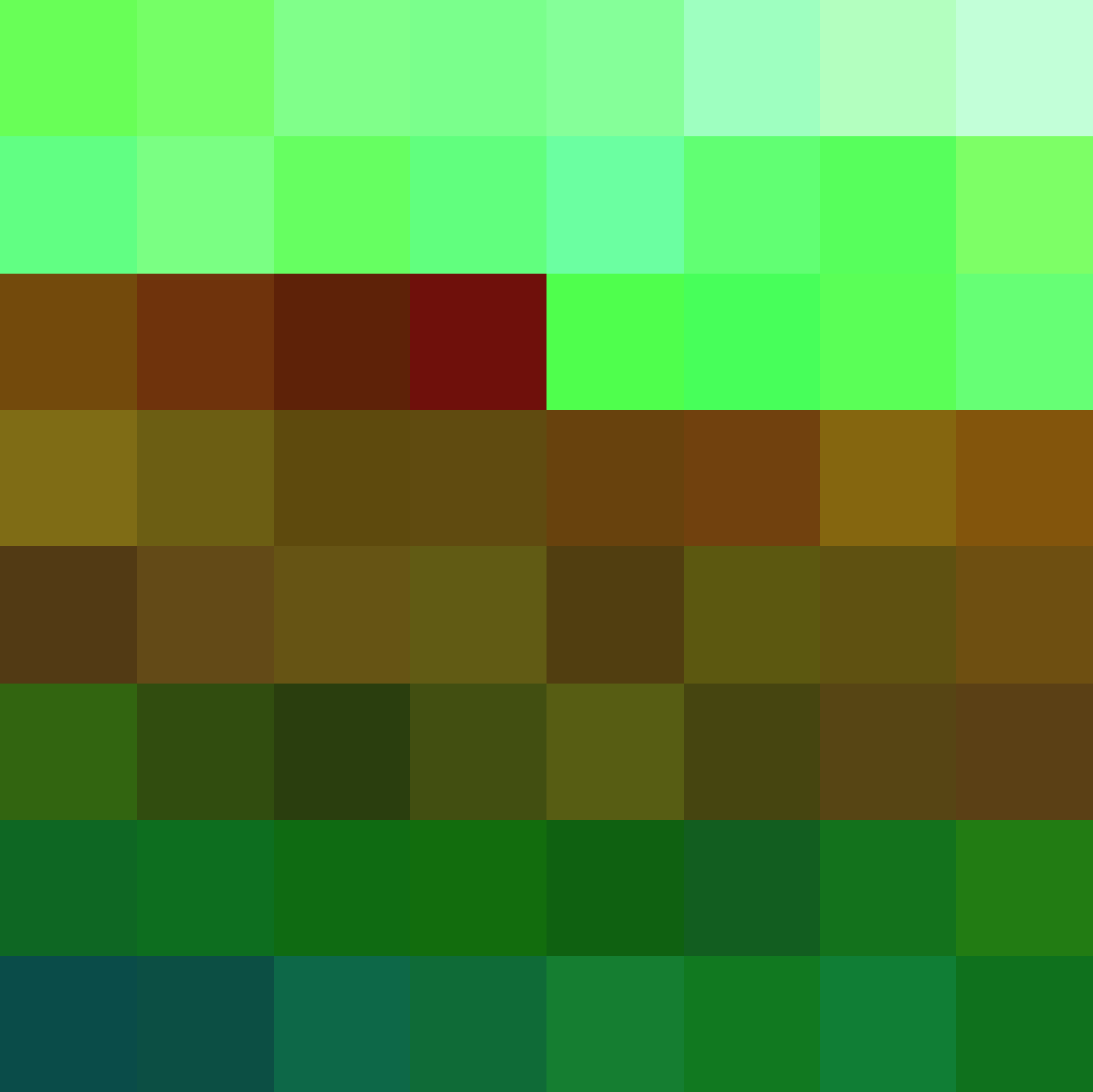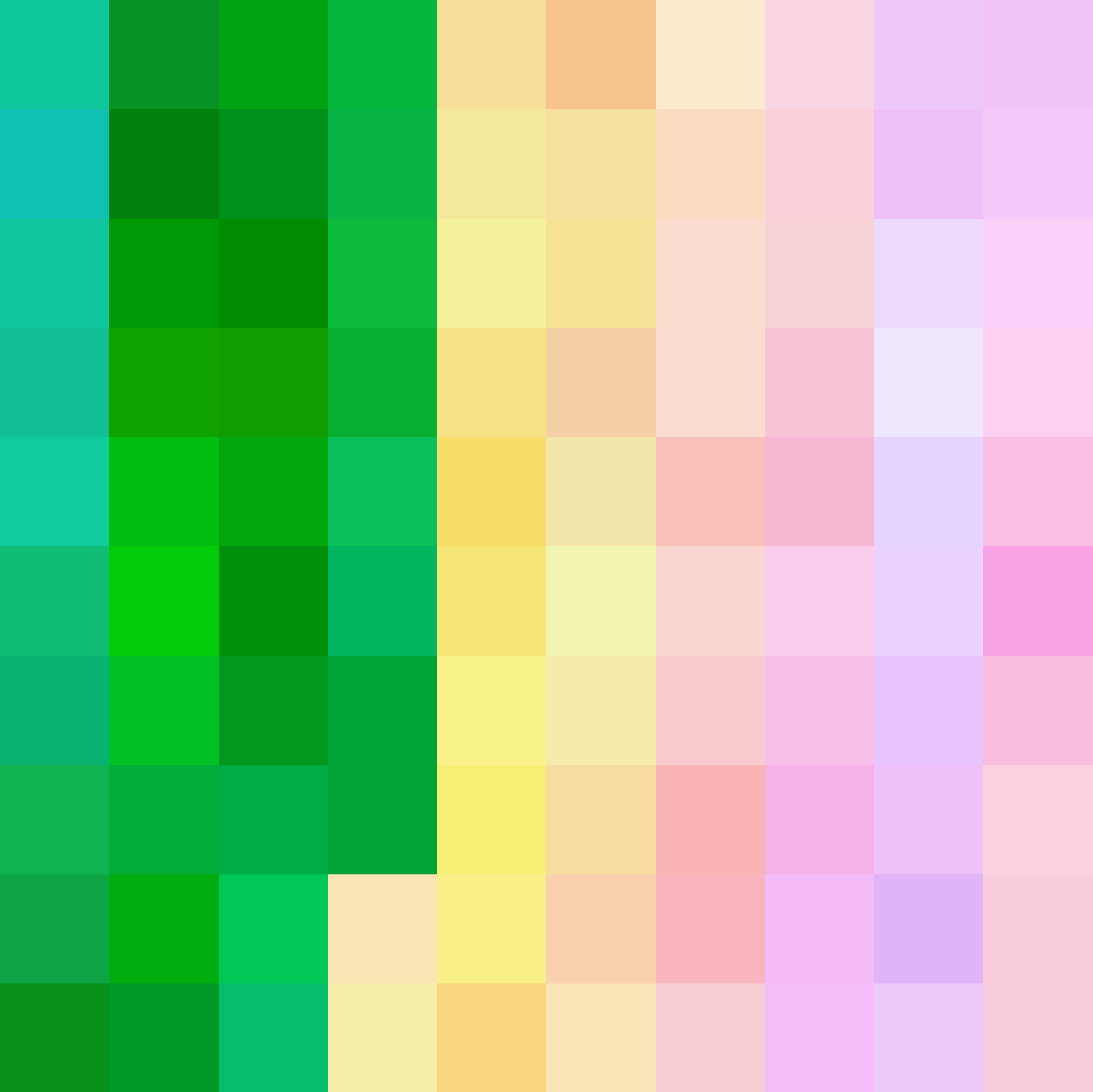
There's a two tone pixel gradient in this 5 by 5 grid. It is mostly green, but it also has quite some cyan in it.
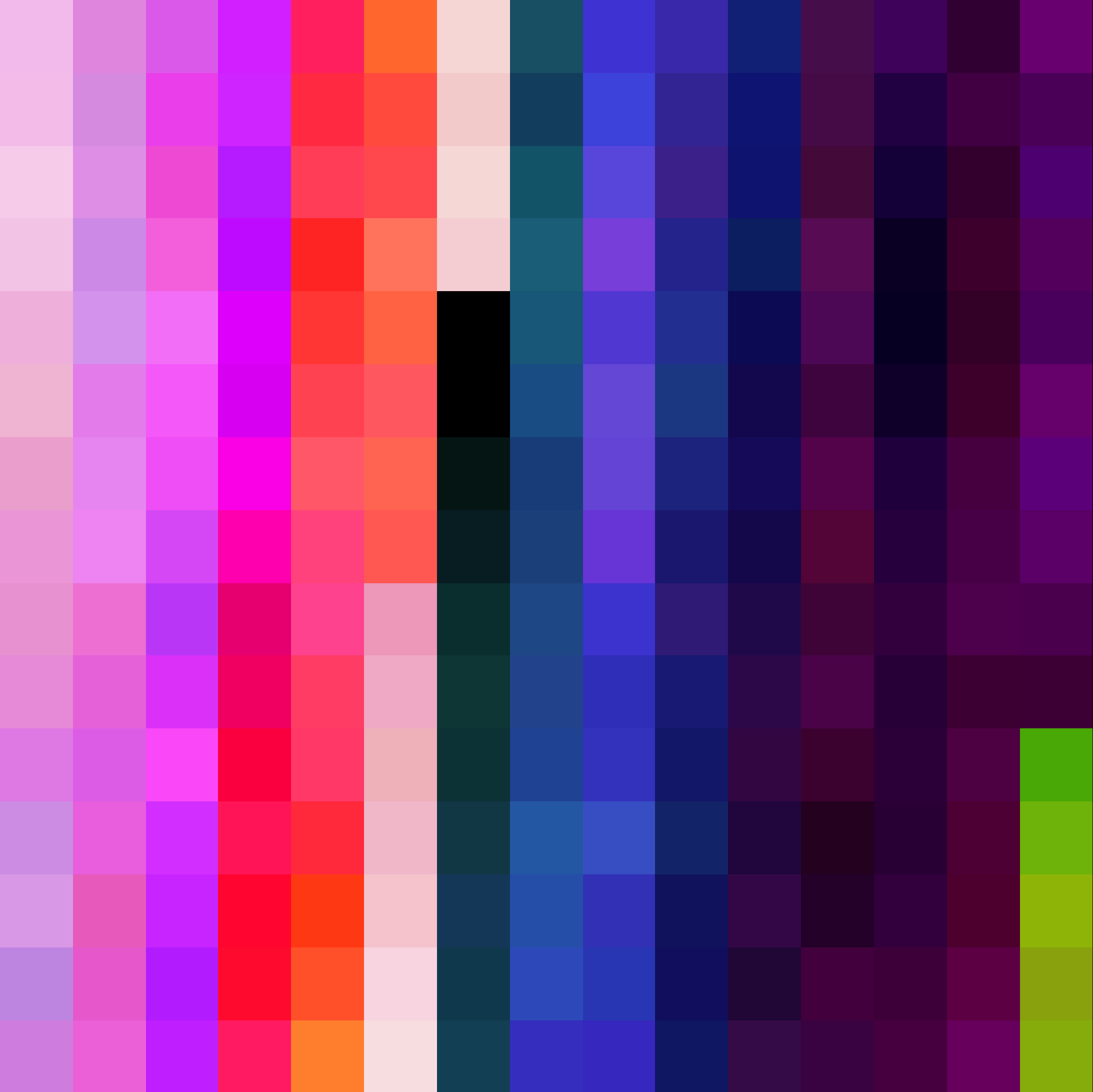
An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly cyan, but it also has quite some purple, quite some blue, some indigo, and some violet in it.
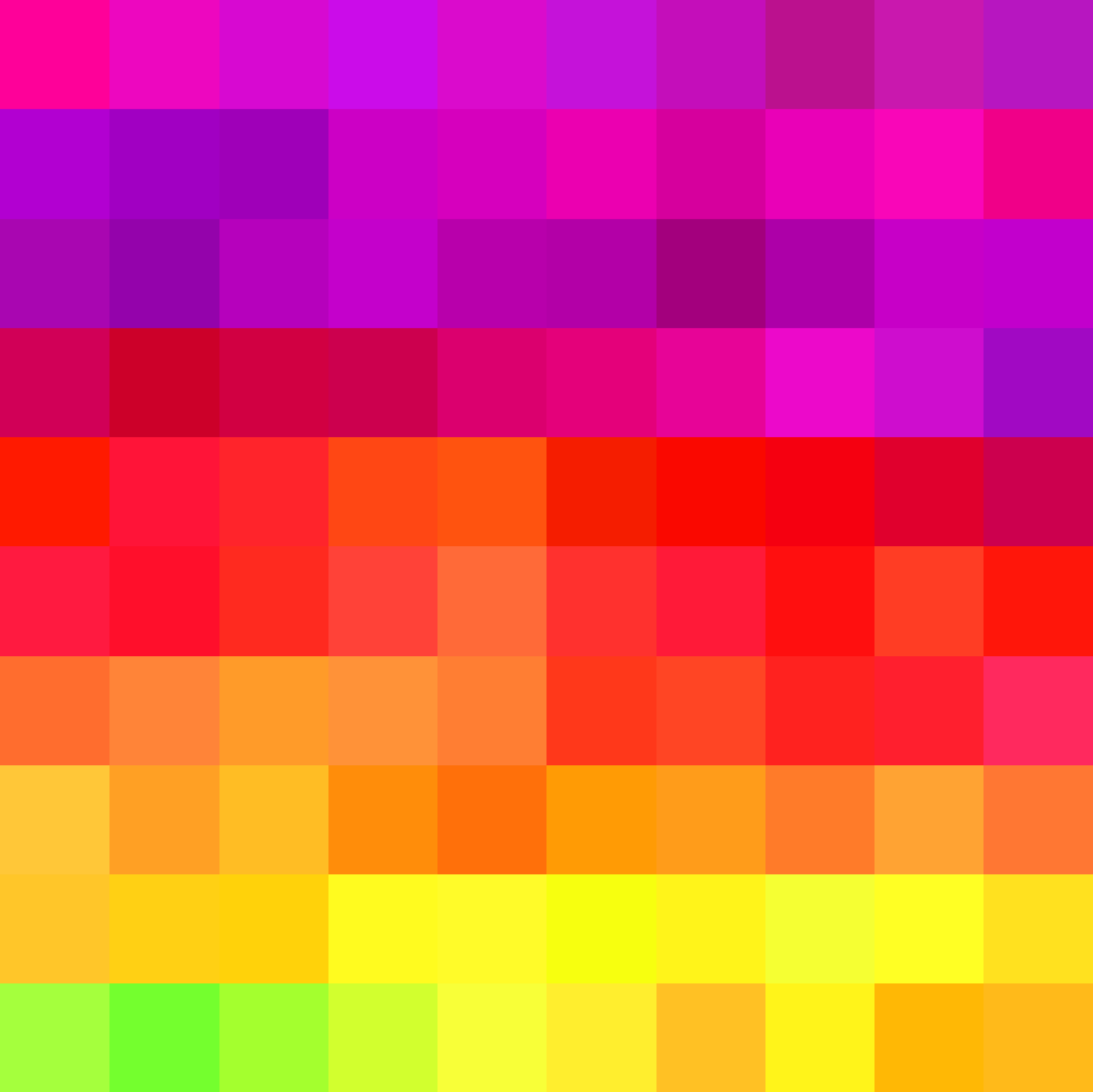
A grid with 64 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some orange, some yellow, a little bit of cyan, a tiny bit of red, and a tiny bit of lime in it.
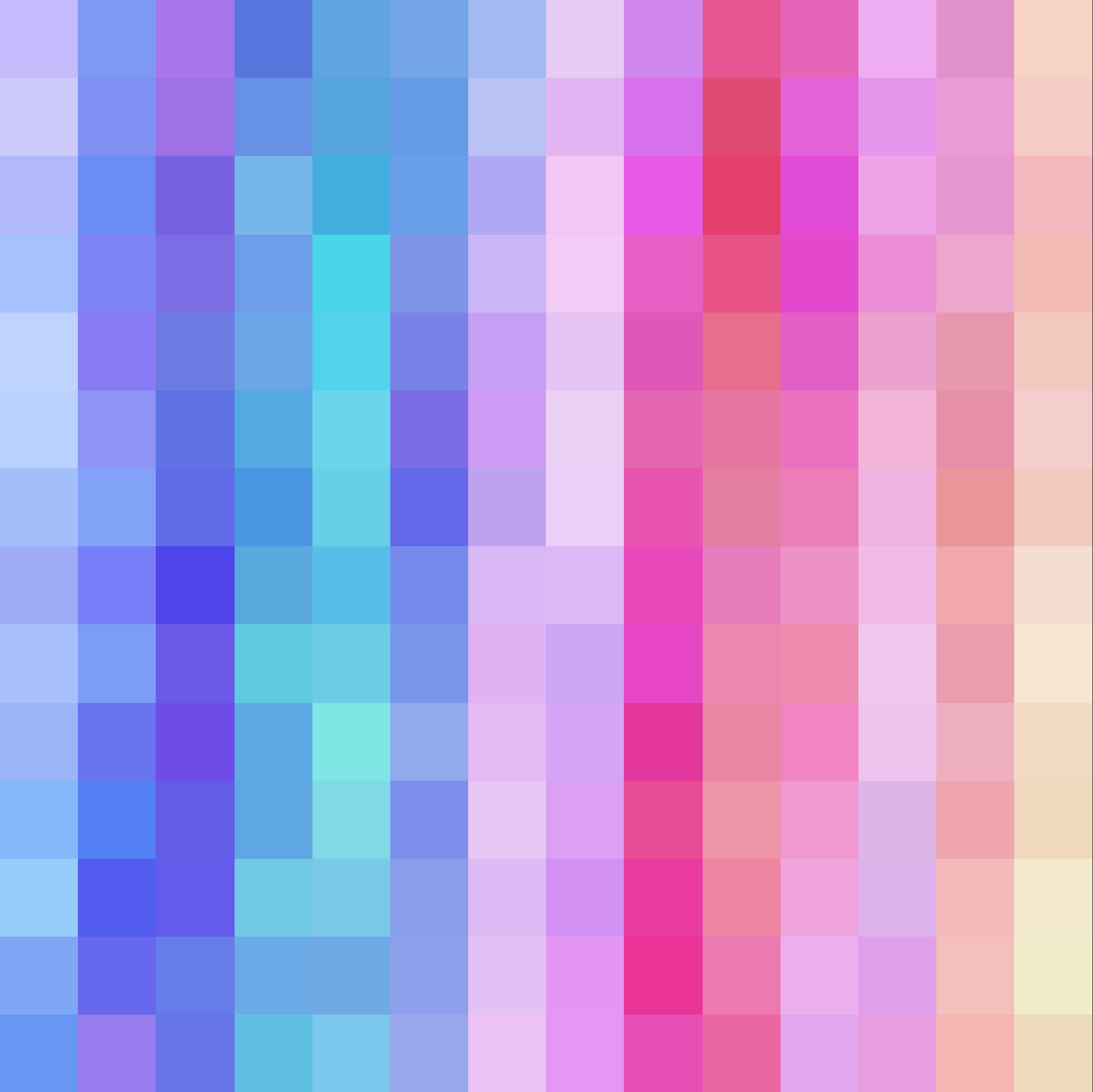
There's a colourful pixel gradient in this 10 by 10 grid. It is mostly red, but it also has quite some green, some orange, some yellow, and a little bit of cyan in it.
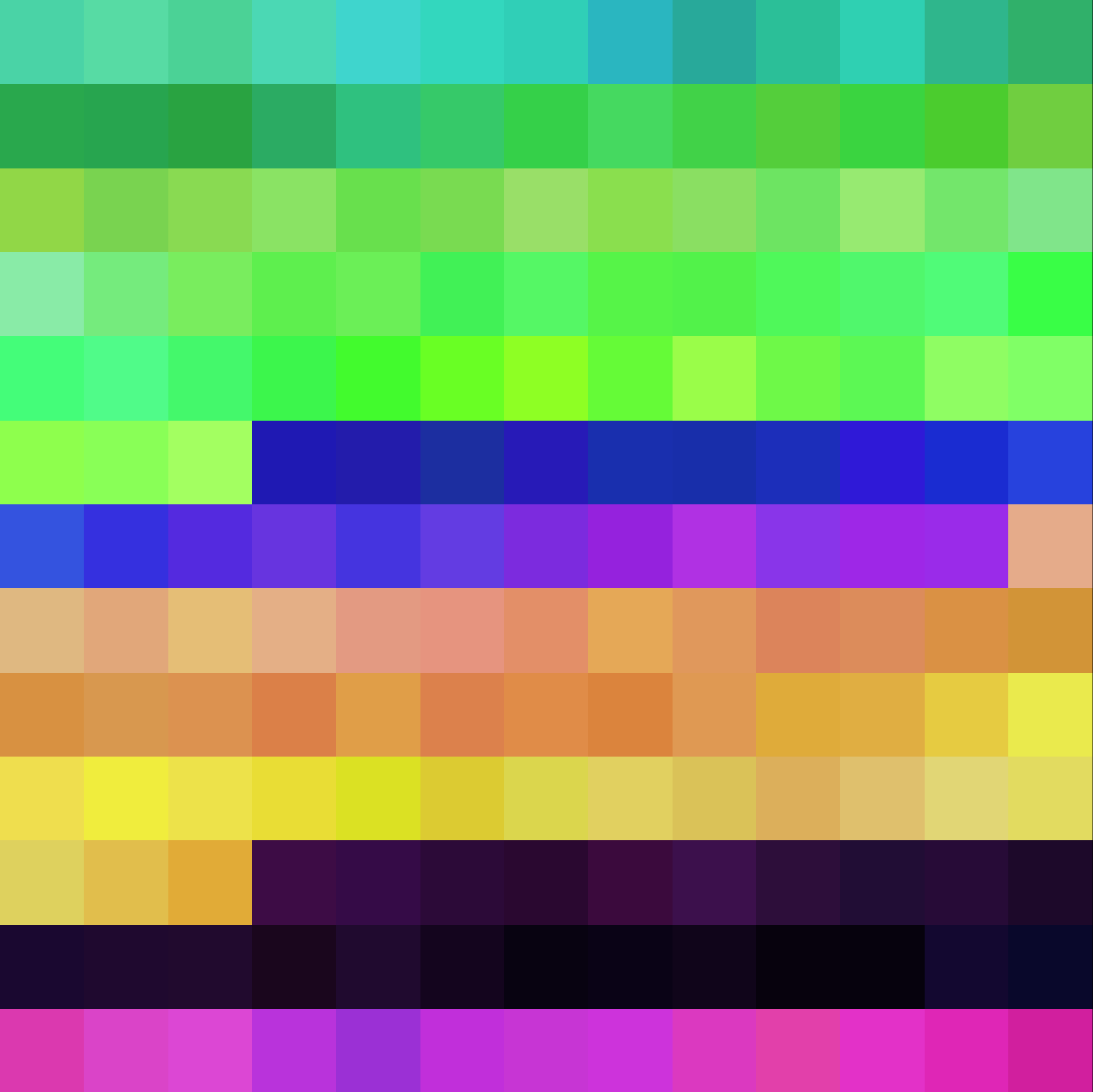
The very, very colourful gradient in this 15 by 15 pixel grid is mostly magenta, but it also has some blue, some purple, some red, a bit of indigo, a little bit of rose, a little bit of cyan, a little bit of violet, a tiny bit of green, a tiny bit of orange, a tiny bit of lime, and a tiny bit of yellow in it.

Here's a 10 by 10 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, and it also has quite some red, quite some orange, some yellow, a little bit of rose, a little bit of purple, a little bit of green, and a tiny bit of lime in it.
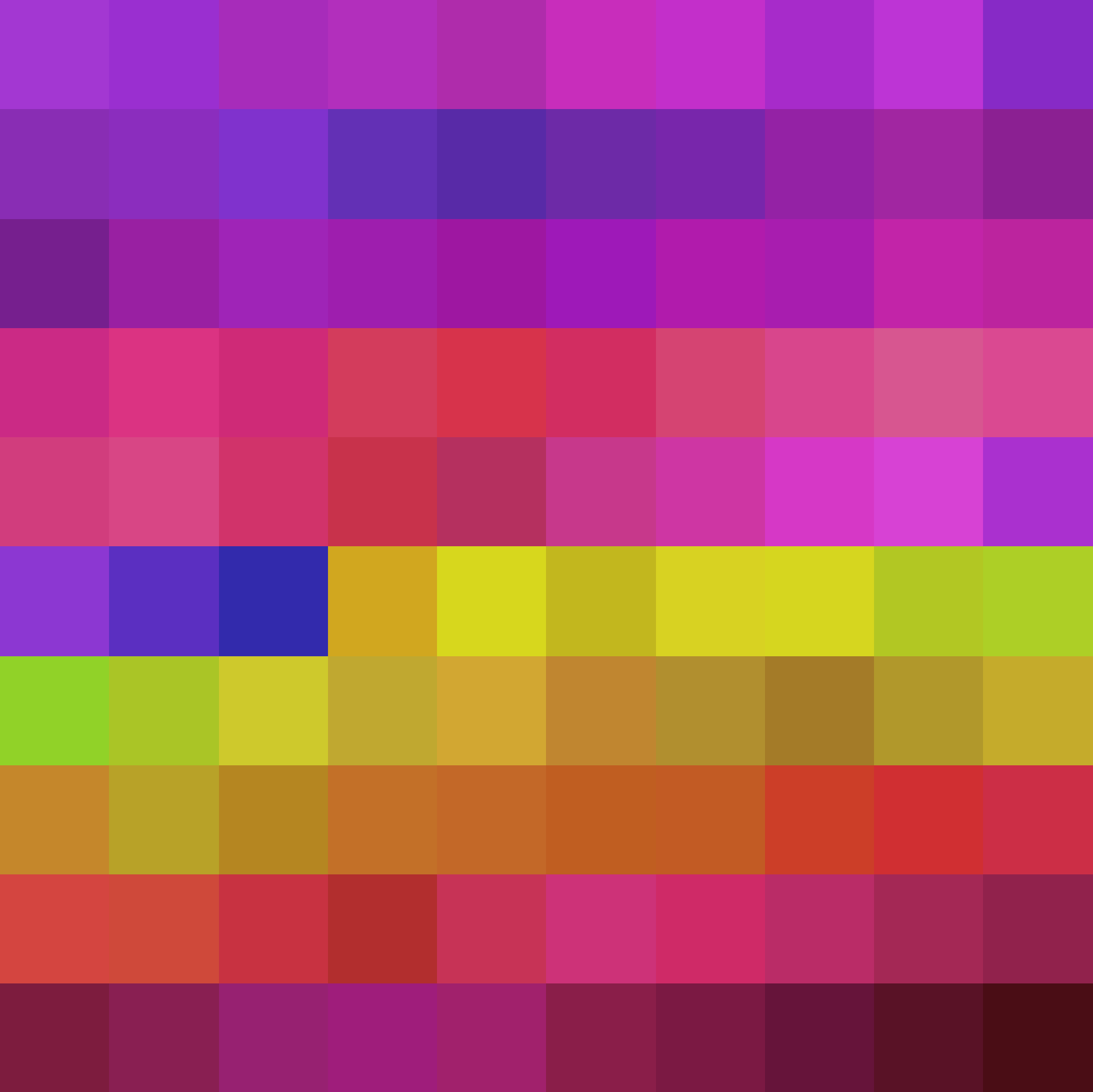
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly blue, but it also has quite some magenta, some purple, a bit of rose, a bit of red, a bit of indigo, a little bit of cyan, a little bit of orange, a little bit of violet, and a tiny bit of yellow in it.
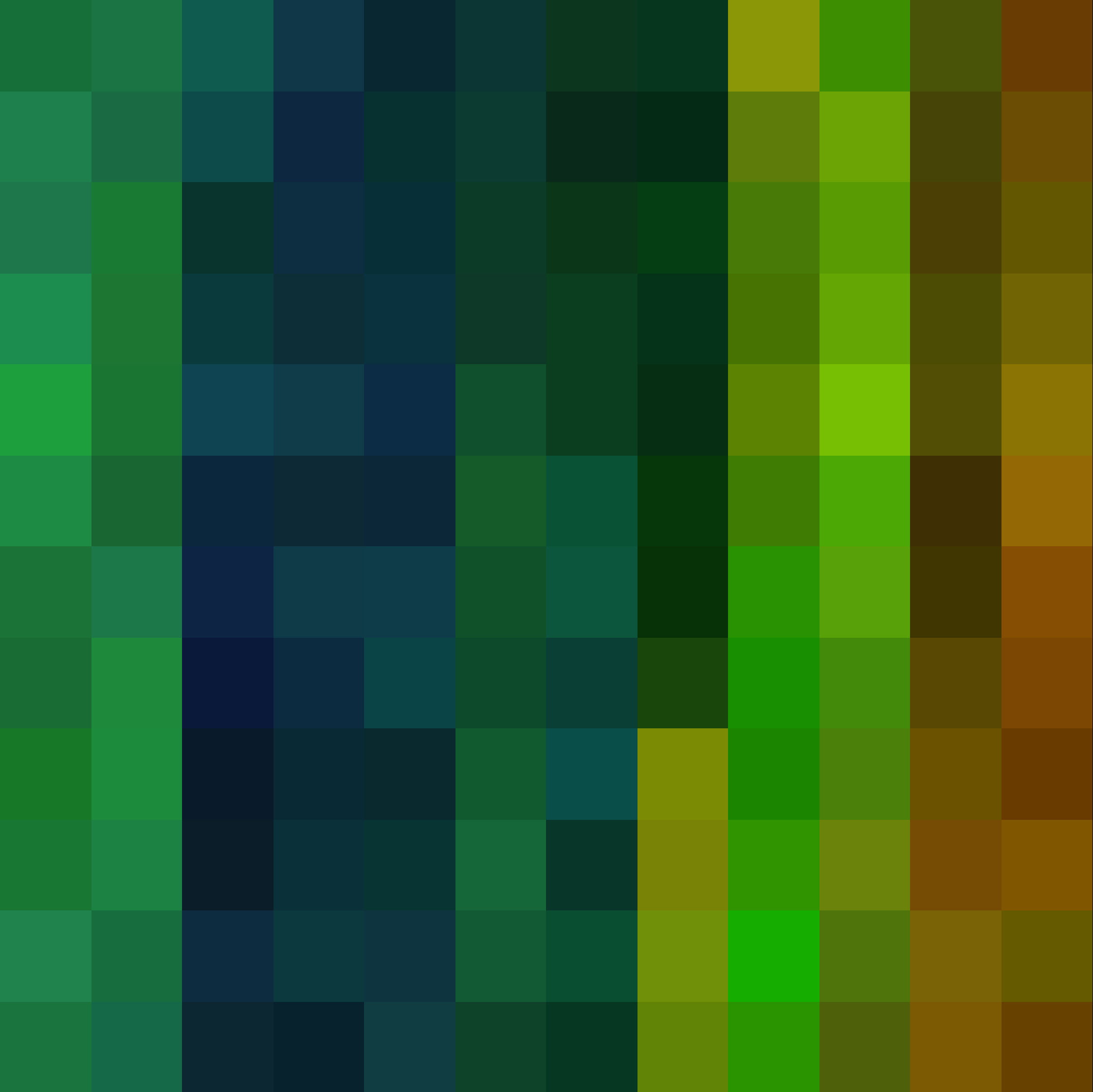
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some orange, some purple, a bit of yellow, a bit of indigo, a bit of magenta, a little bit of cyan, a little bit of blue, a little bit of violet, and a tiny bit of red in it.
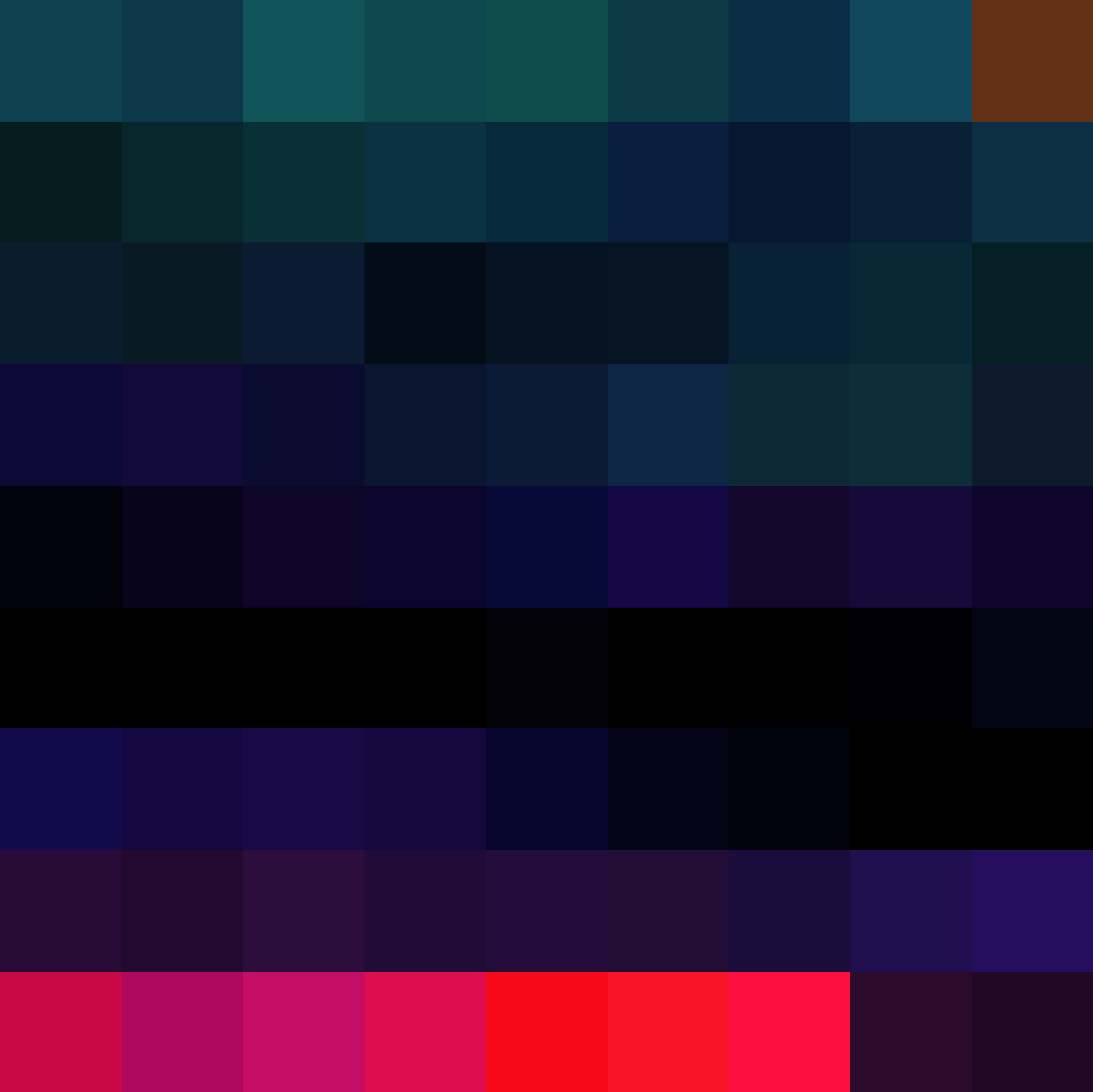
This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly red, and it also has quite some magenta, some purple, some yellow, some rose, a bit of orange, a little bit of violet, a tiny bit of indigo, a tiny bit of lime, and a tiny bit of green in it.
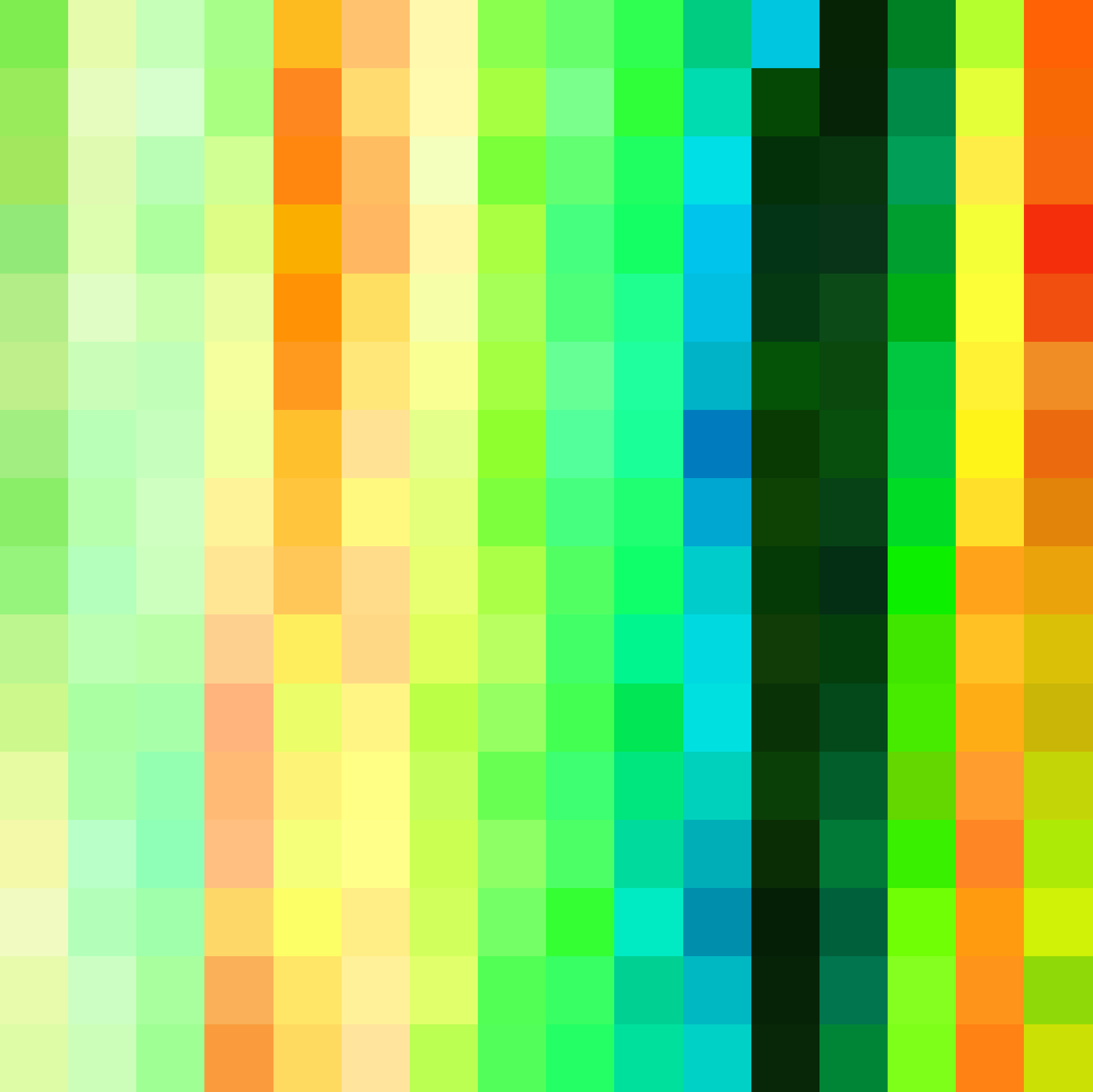
The cells in this 12 by 12 pixel grid form a very colourful gradient. It is mostly green, but it also has some cyan, some blue, some yellow, a bit of orange, and a little bit of lime in it.
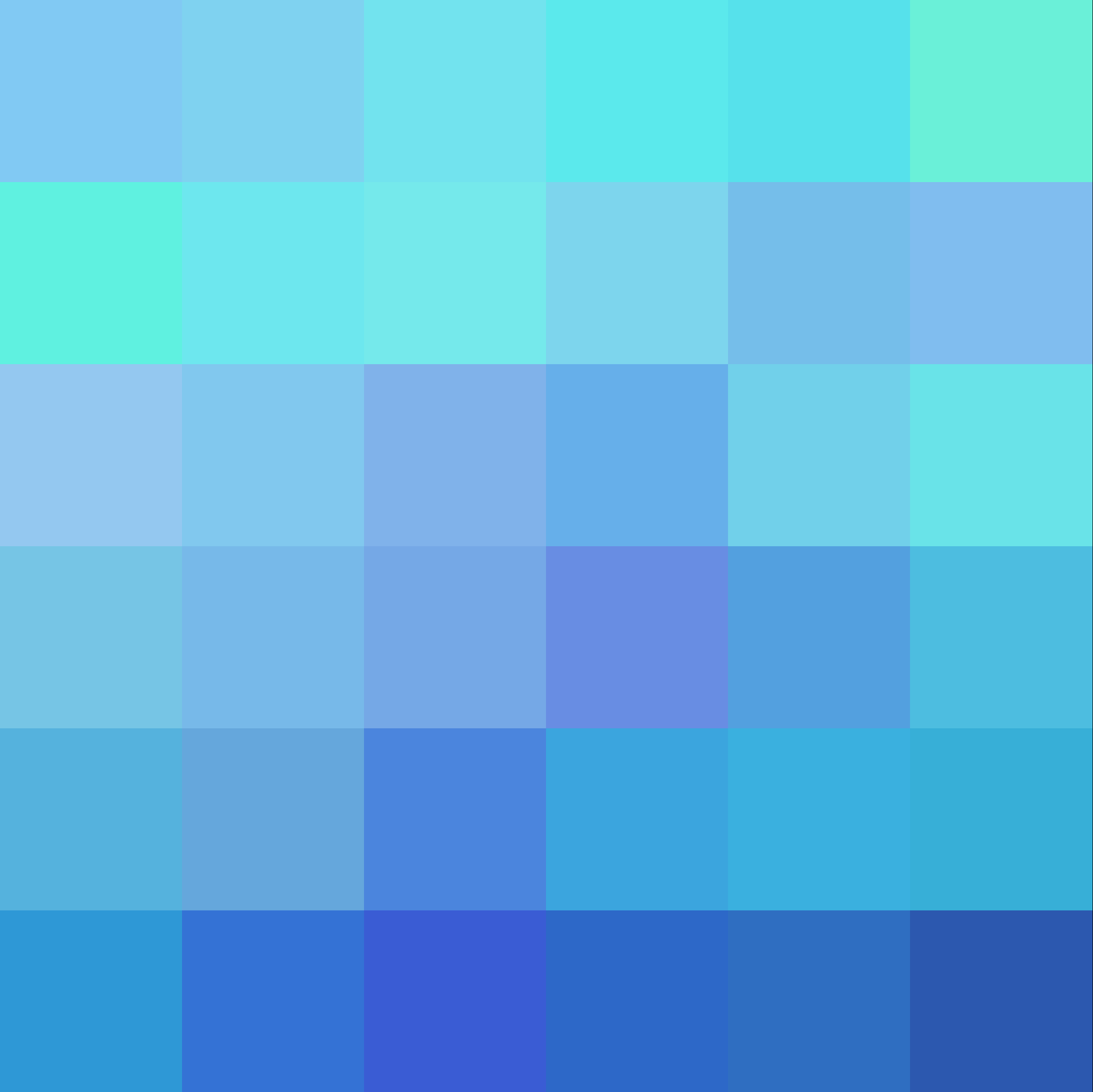
There's a very, very colourful pixel gradient in this 9 by 9 grid. It is mostly blue, and it also has quite some indigo, a bit of cyan, a little bit of purple, a little bit of rose, a little bit of red, a tiny bit of violet, a tiny bit of magenta, and a tiny bit of orange in it.
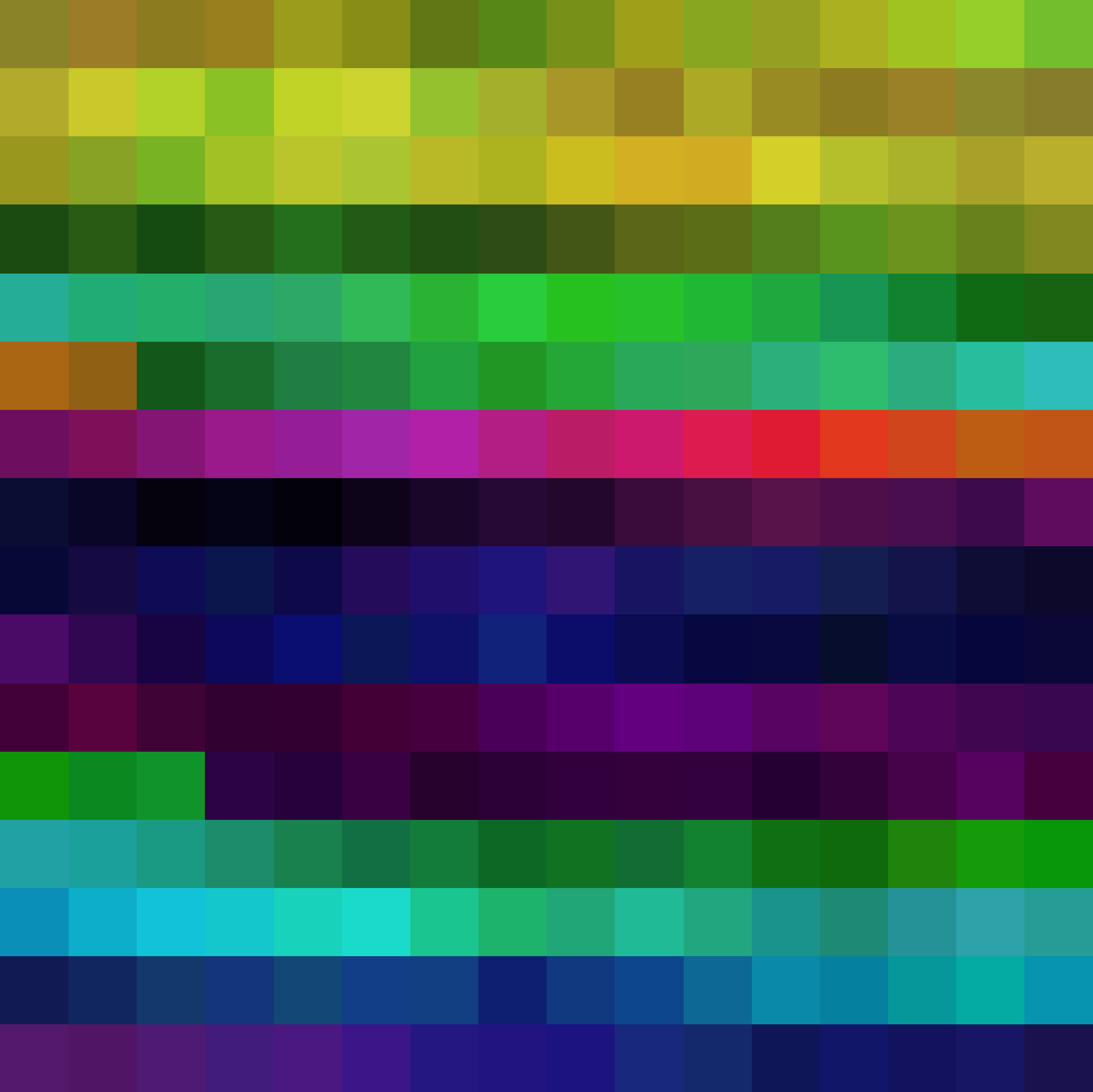
A grid of 36 blocks. It's mostly green, and it also has quite some yellow, some orange, and a little bit of lime in it.
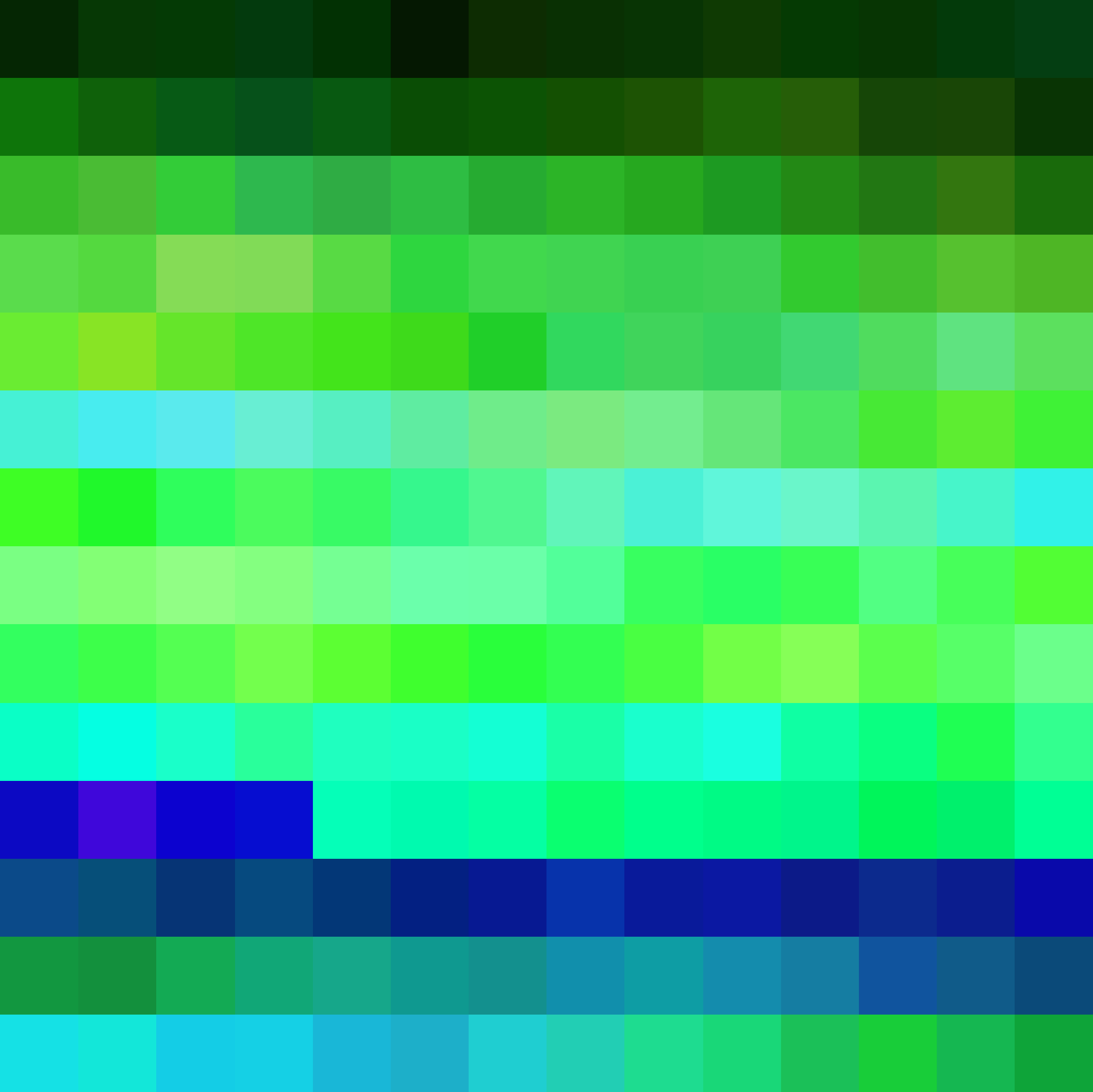
Here's a 16 by 16 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some orange, some yellow, a little bit of cyan, a little bit of lime, a tiny bit of blue, and a tiny bit of red in it.

A two tone grid of 36 blocks. It's mostly blue, and it also has quite some cyan in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly red, and it also has quite some green, some yellow, a bit of cyan, a bit of blue, a little bit of lime, a tiny bit of orange, a tiny bit of indigo, a tiny bit of purple, and a tiny bit of violet in it.
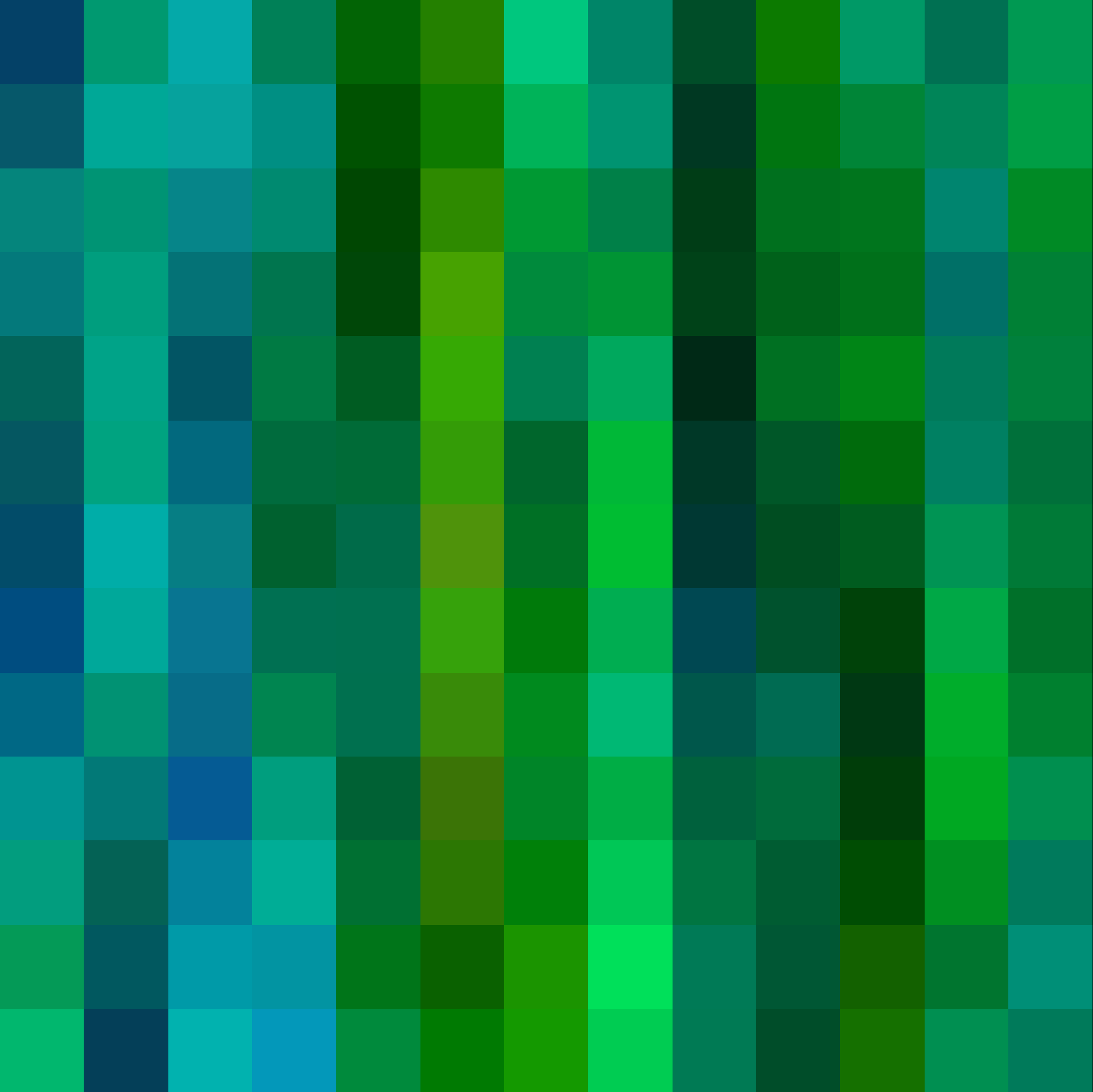
The cells in this 14 by 14 pixel grid form a gradient. It is mostly green, and it also has some cyan, a bit of blue, and a tiny bit of indigo in it.

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

Here's a 13 by 13 pixelated grid that forms a gradient. It is mostly green, but it also has quite some cyan, and a little bit of blue in it.
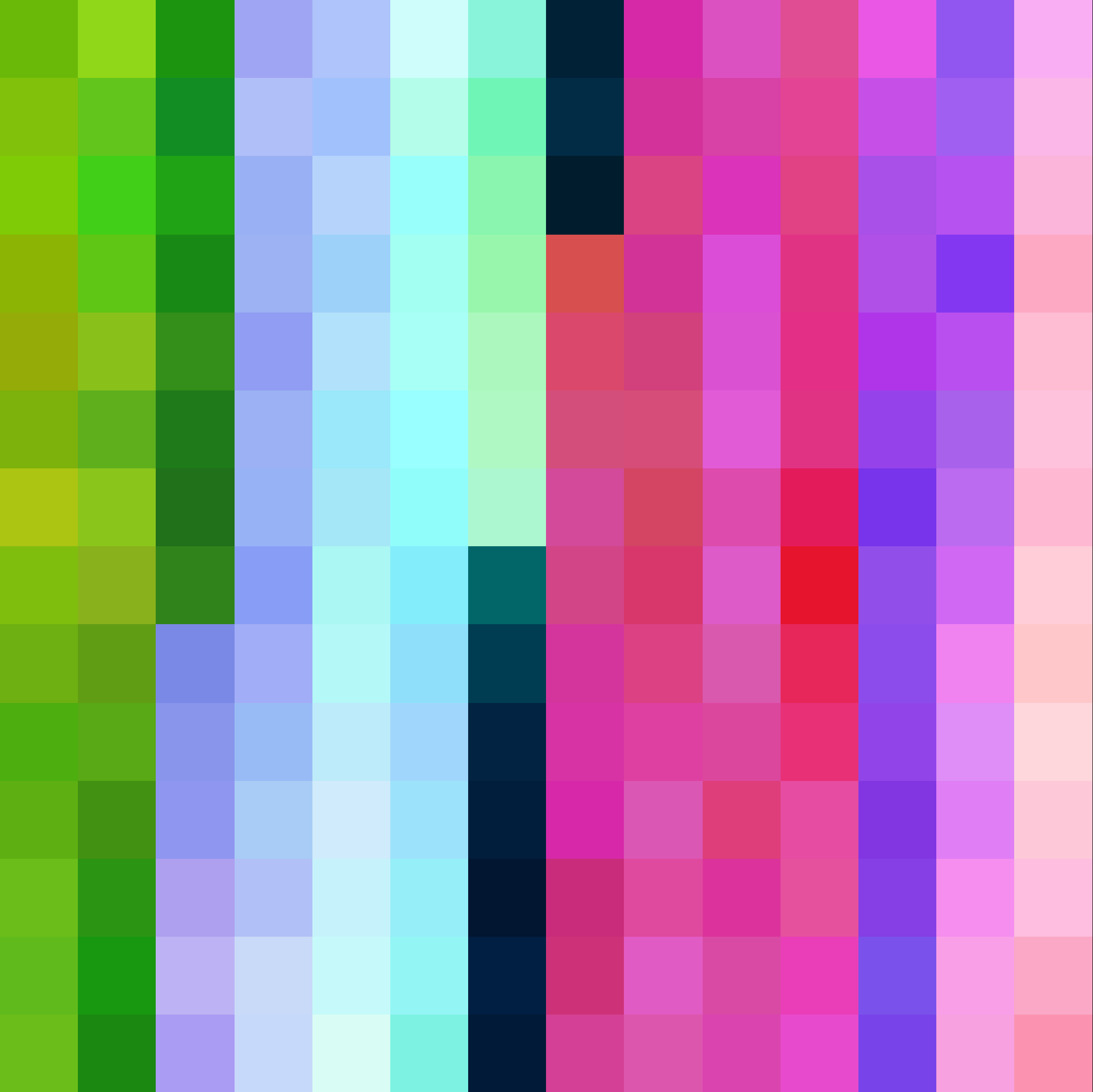
This very colourful pixel gradient—it is 6 cells wide, 6 cells high—is mostly red, but it also has quite some rose, some orange, a little bit of green, a little bit of lime, and a little bit of yellow in it.
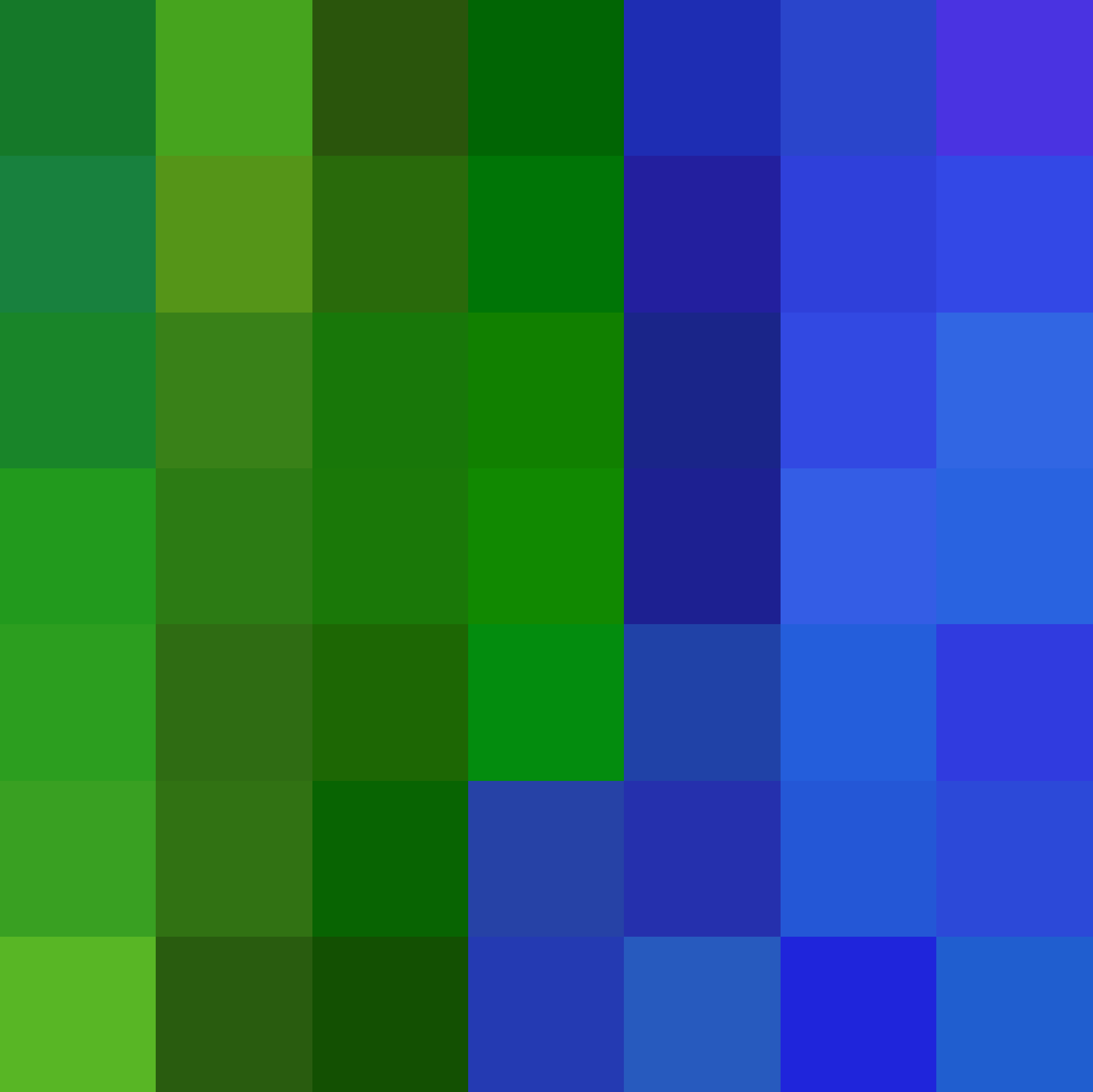
There's a two tone pixel gradient in this 5 by 5 grid. It is mostly green, and it also has some lime in it.
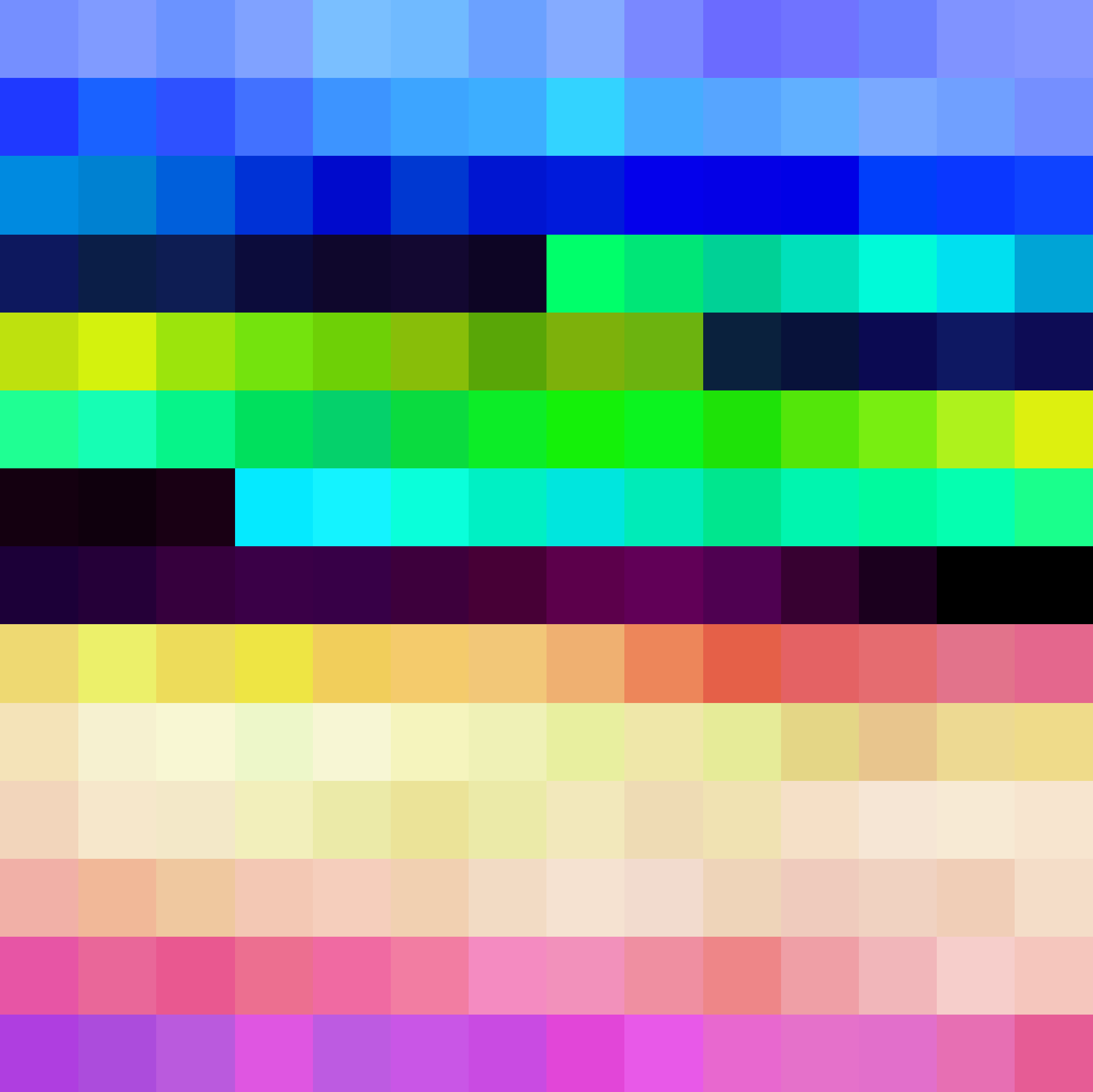
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly orange, and it also has some yellow, some green, some red, a bit of cyan, a bit of magenta, a little bit of blue, a tiny bit of lime, and a tiny bit of rose in it.

There's a very colourful pixel gradient in this 14 by 14 grid. It is mostly red, and it also has some green, some blue, a bit of cyan, a tiny bit of lime, a tiny bit of indigo, and a tiny bit of yellow in it.
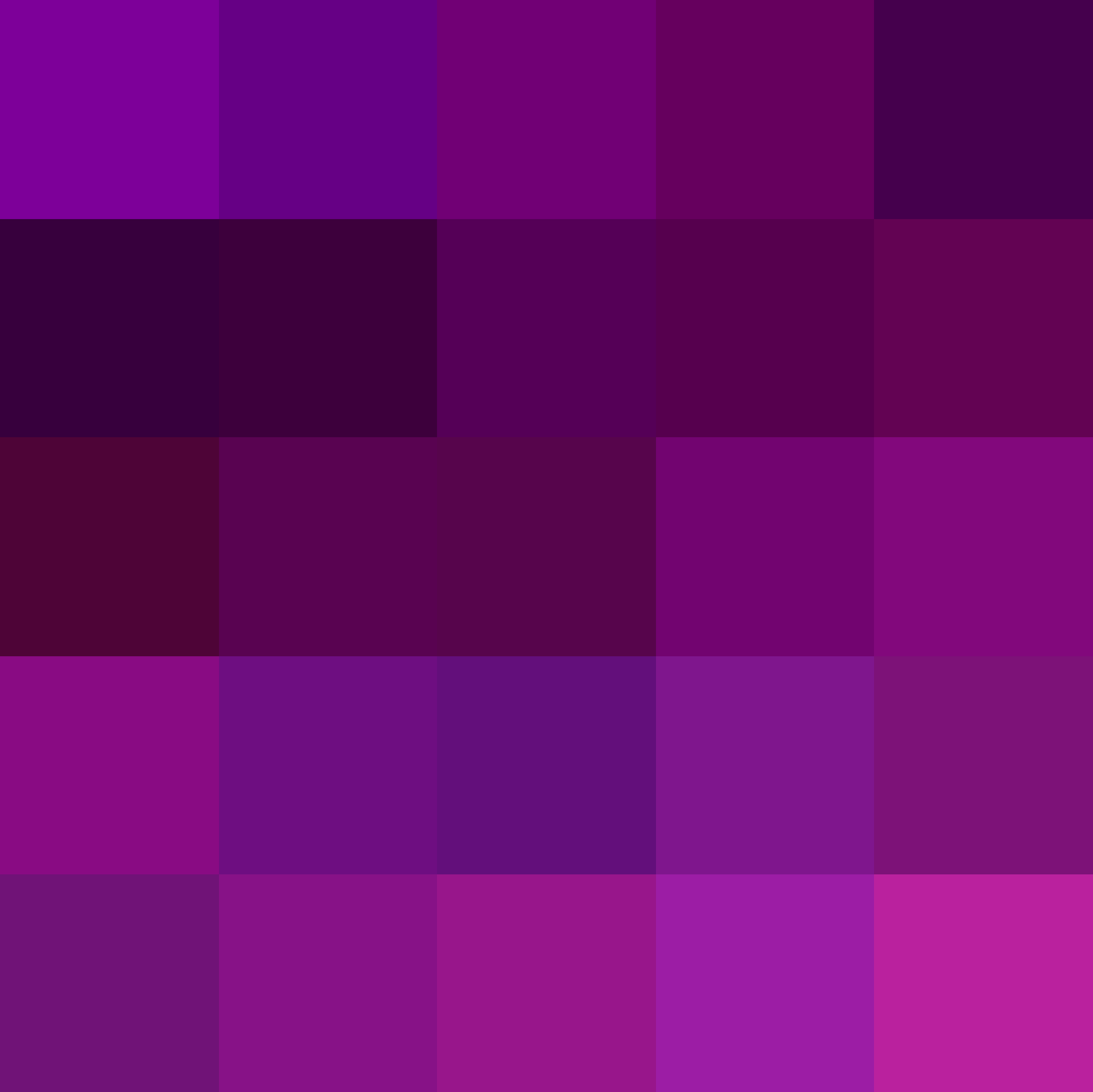
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly green, and it also has a lot of blue, and a little bit of indigo in it.
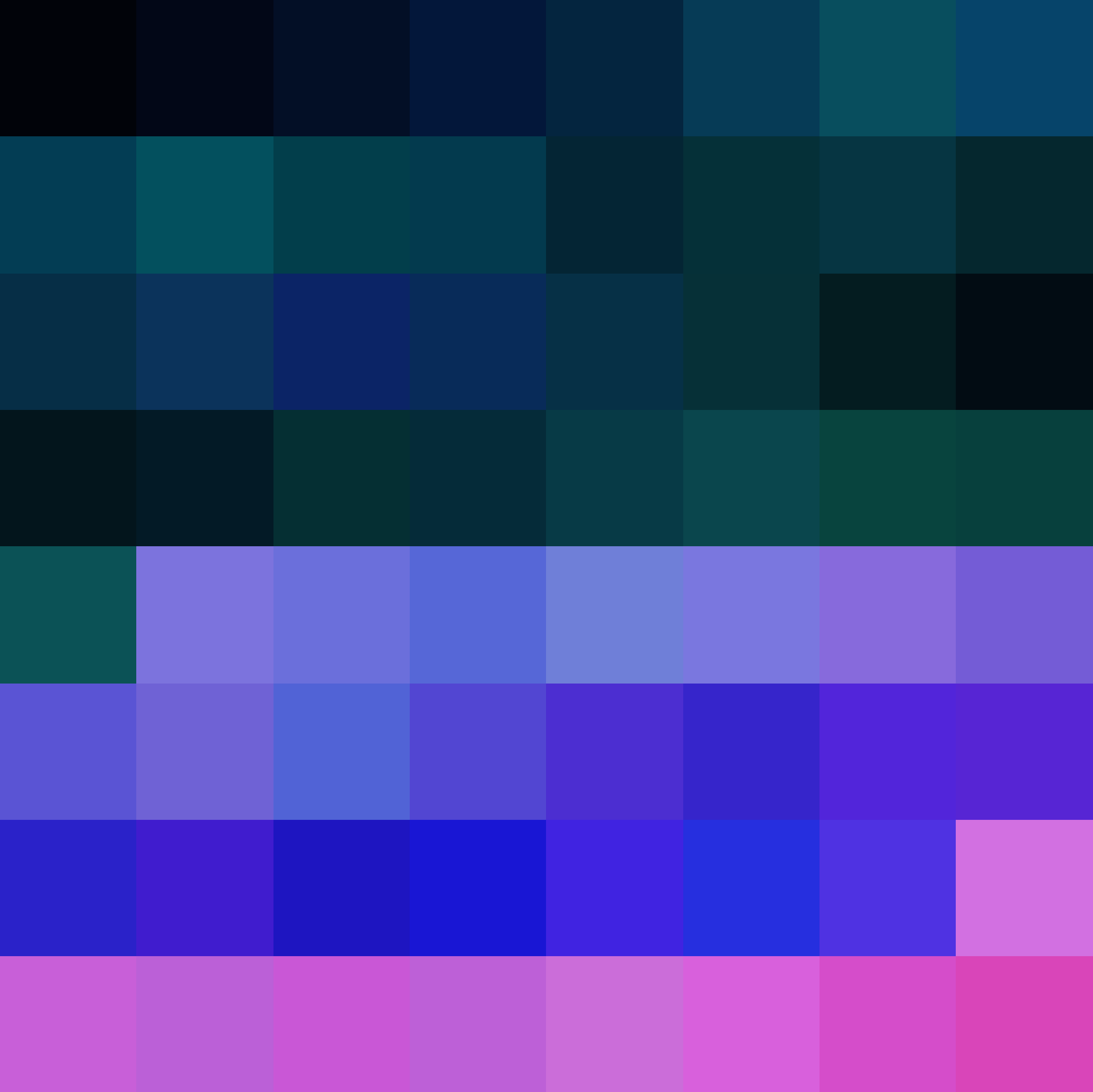
This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly blue, but it also has some orange, some green, some yellow, a bit of magenta, a little bit of red, a little bit of cyan, a little bit of purple, a little bit of rose, a little bit of indigo, a tiny bit of lime, and a tiny bit of violet in it.
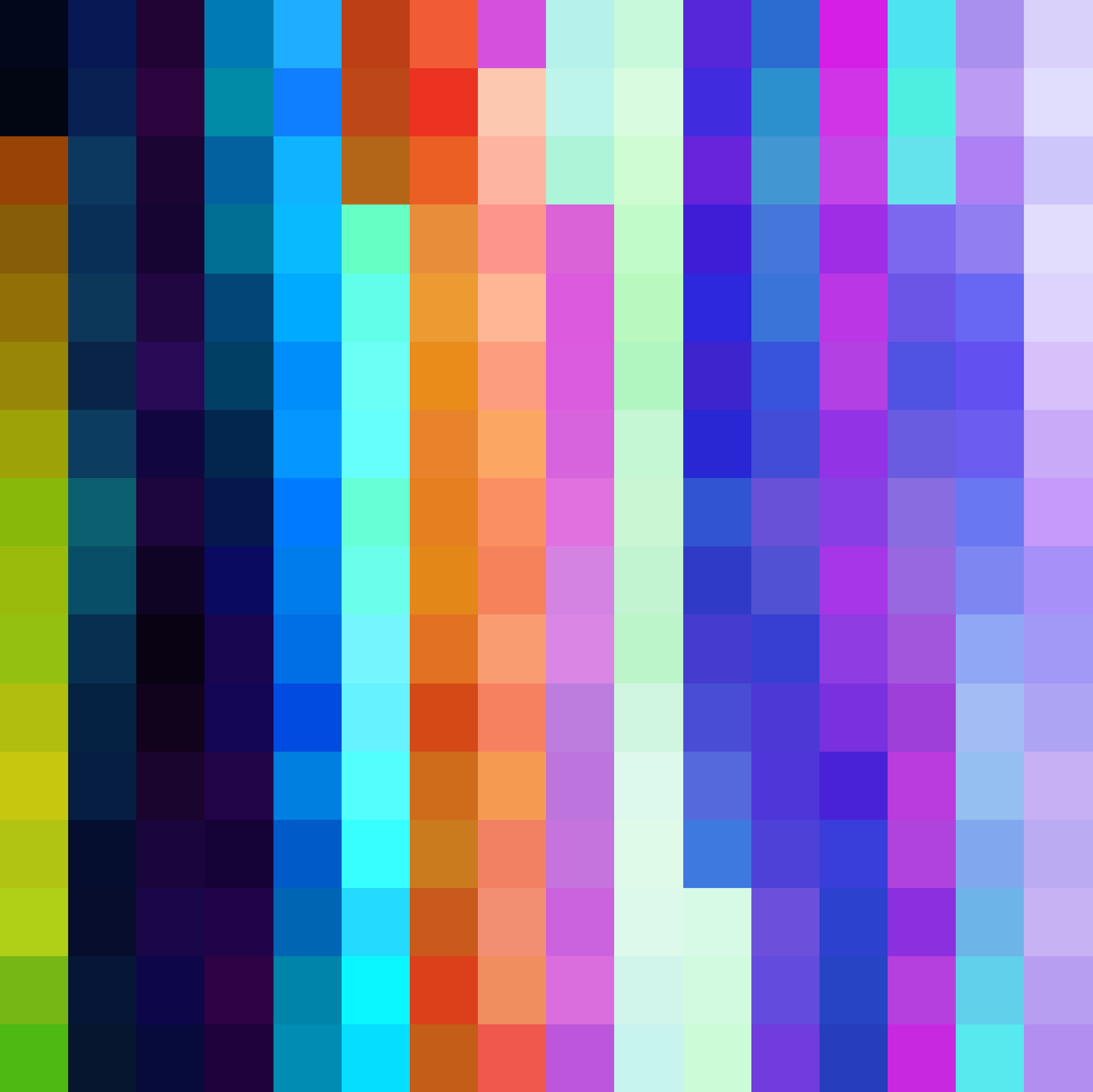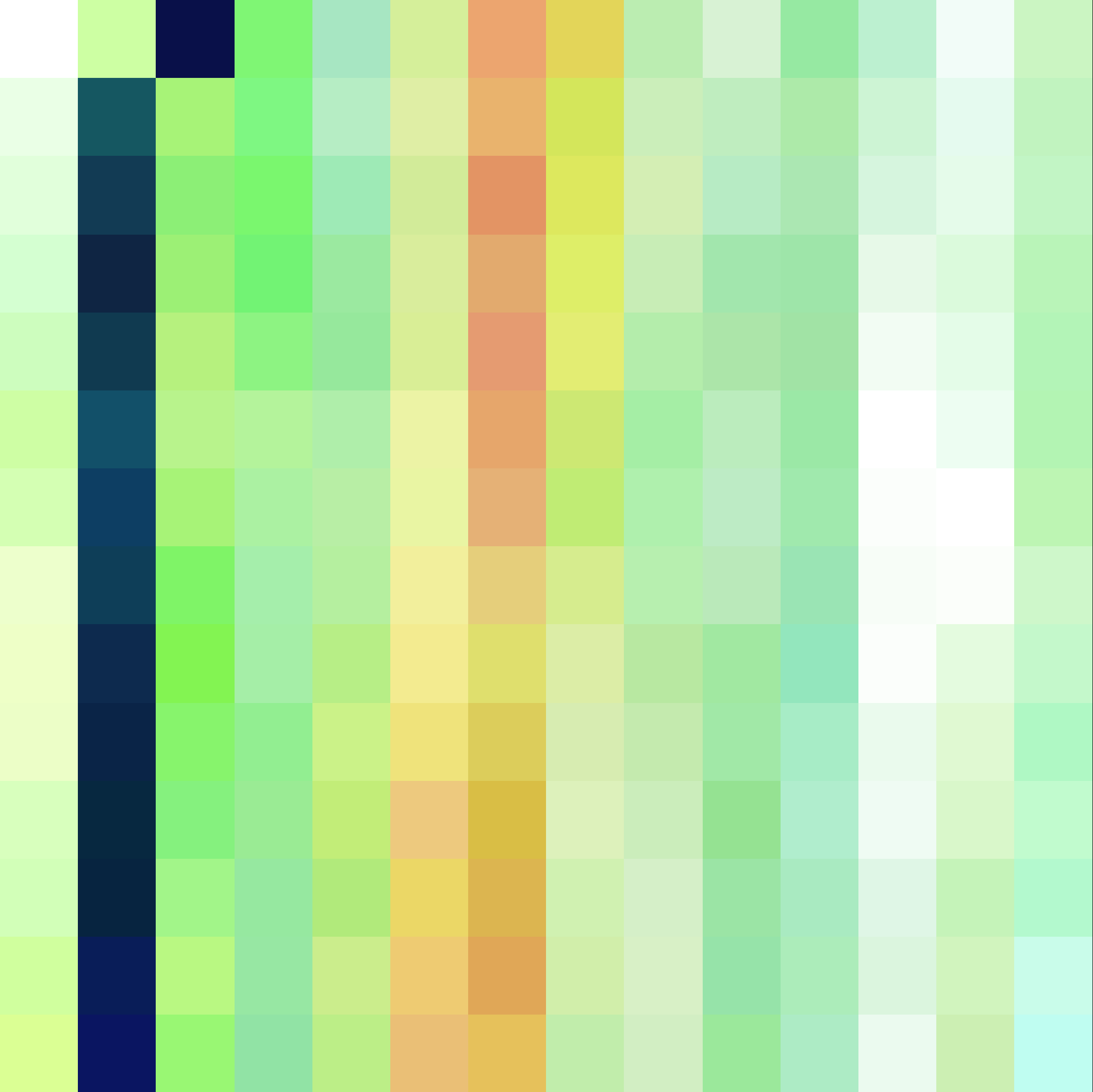
This two tone gradient, generated in this 5 by 5 pixel grid, is mostly magenta, and it also has some purple in it.
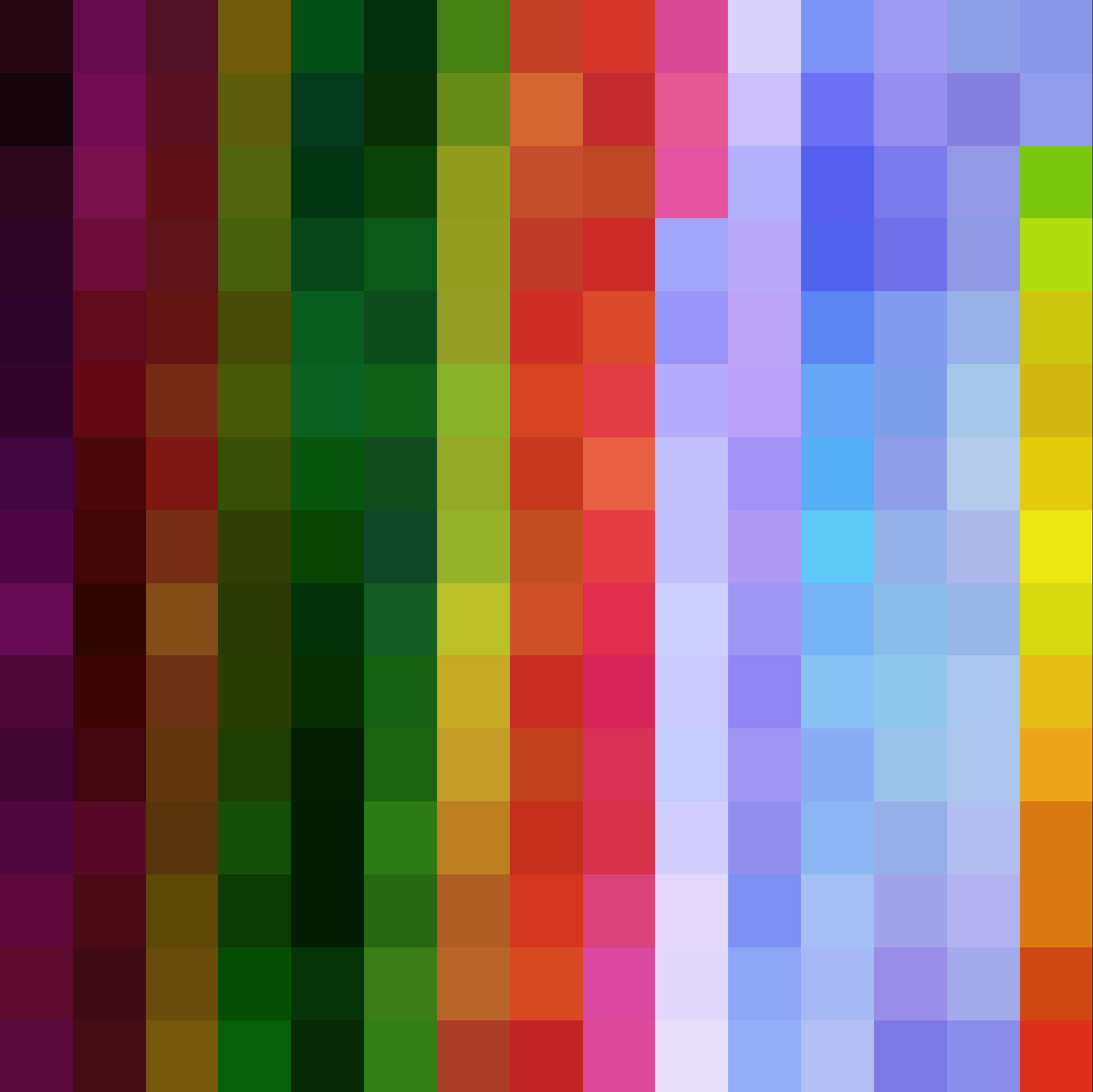
An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, quite some cyan, some magenta, and a little bit of purple in it.
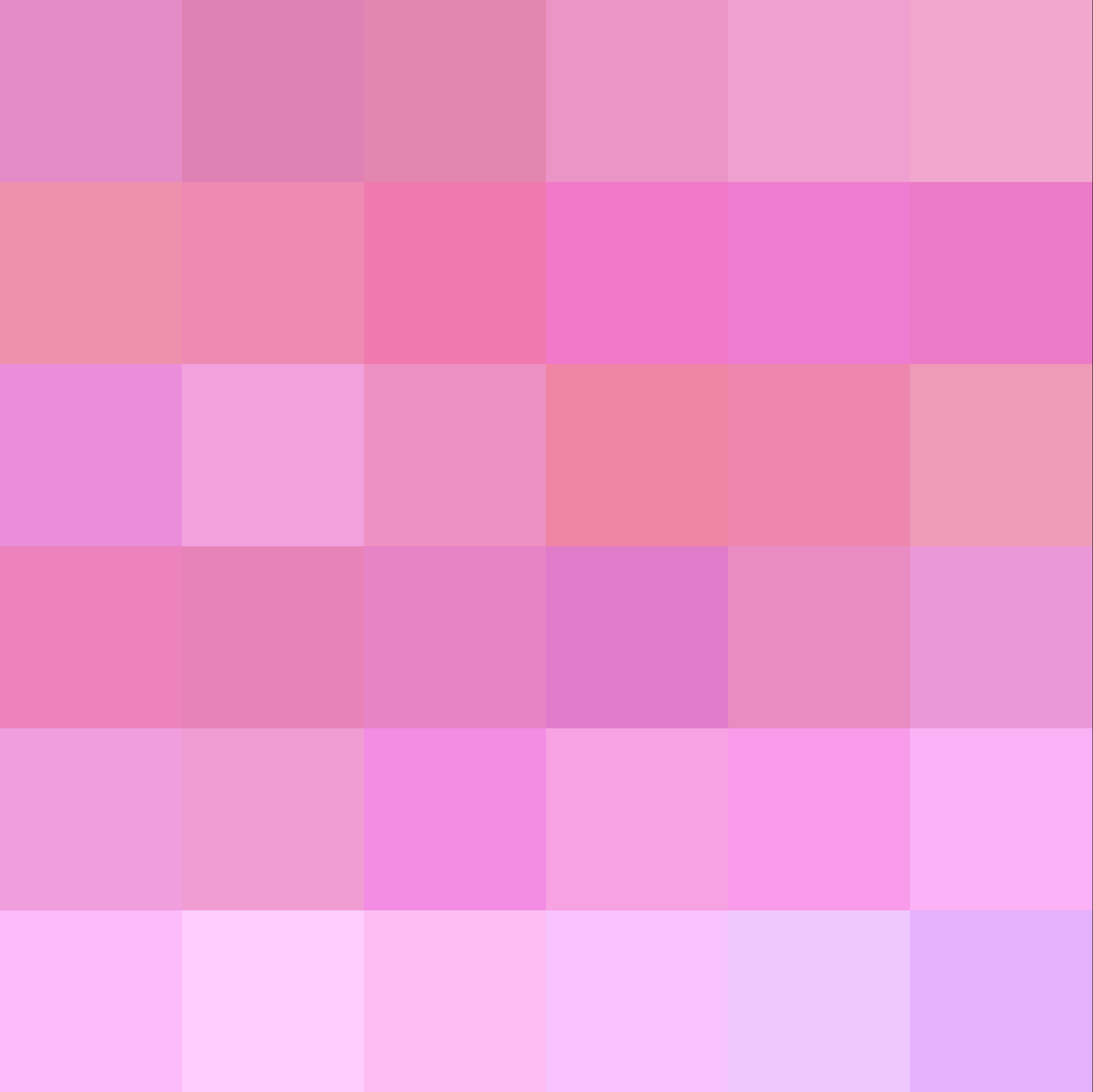
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly blue, and it also has some indigo, a bit of orange, a bit of cyan, a bit of violet, a bit of green, a bit of purple, a little bit of red, a little bit of magenta, a tiny bit of yellow, and a tiny bit of lime in it.
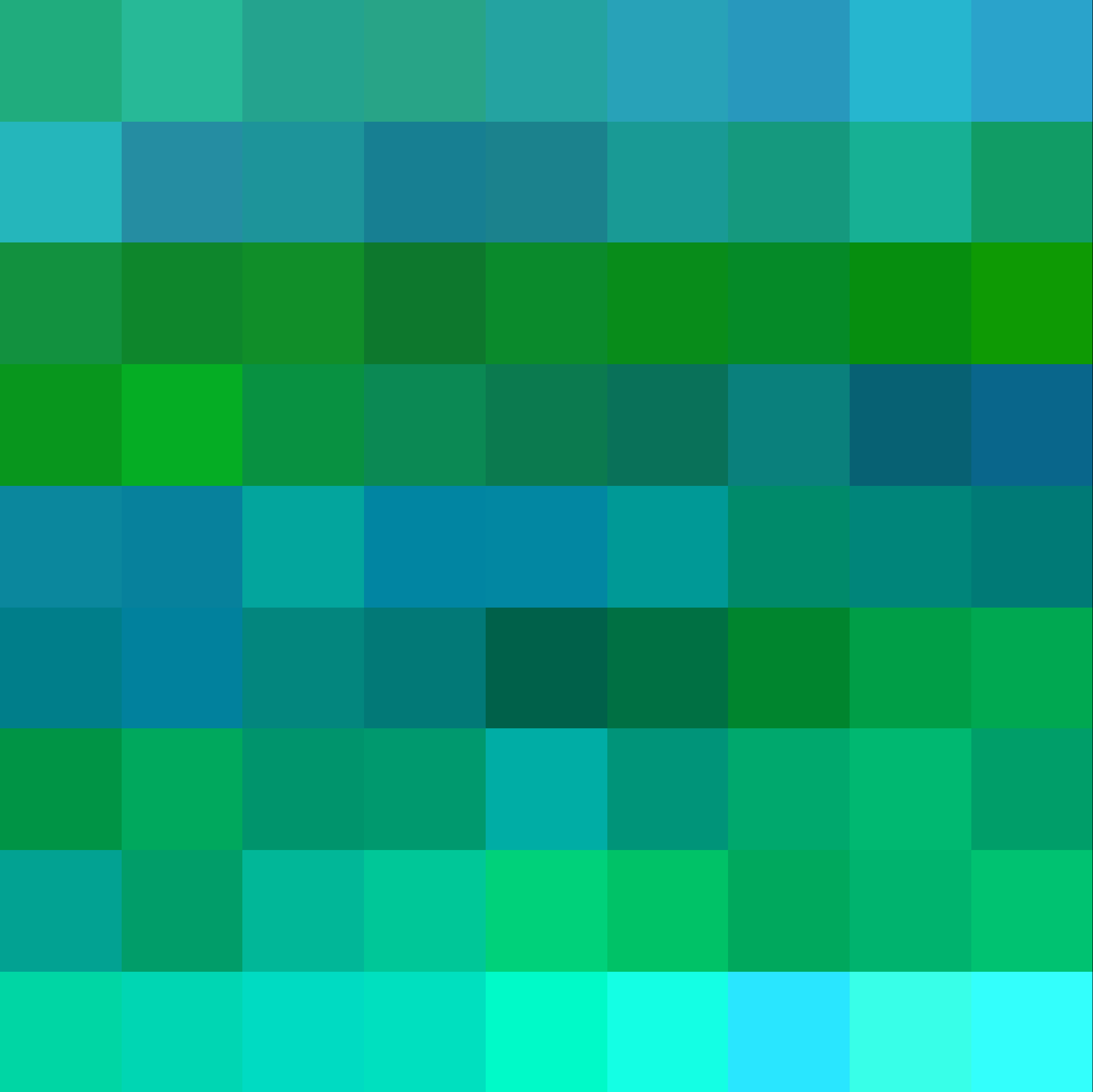
Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly green, but it also has a bit of yellow, a bit of blue, a bit of orange, a little bit of lime, and a tiny bit of cyan in it.

A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some red, some green, some indigo, a bit of orange, a bit of magenta, a bit of yellow, a little bit of rose, and a little bit of lime in it.

The gradient in this 6 by 6 pixel grid is mostly magenta, but it also has quite some rose, and a little bit of purple in it.
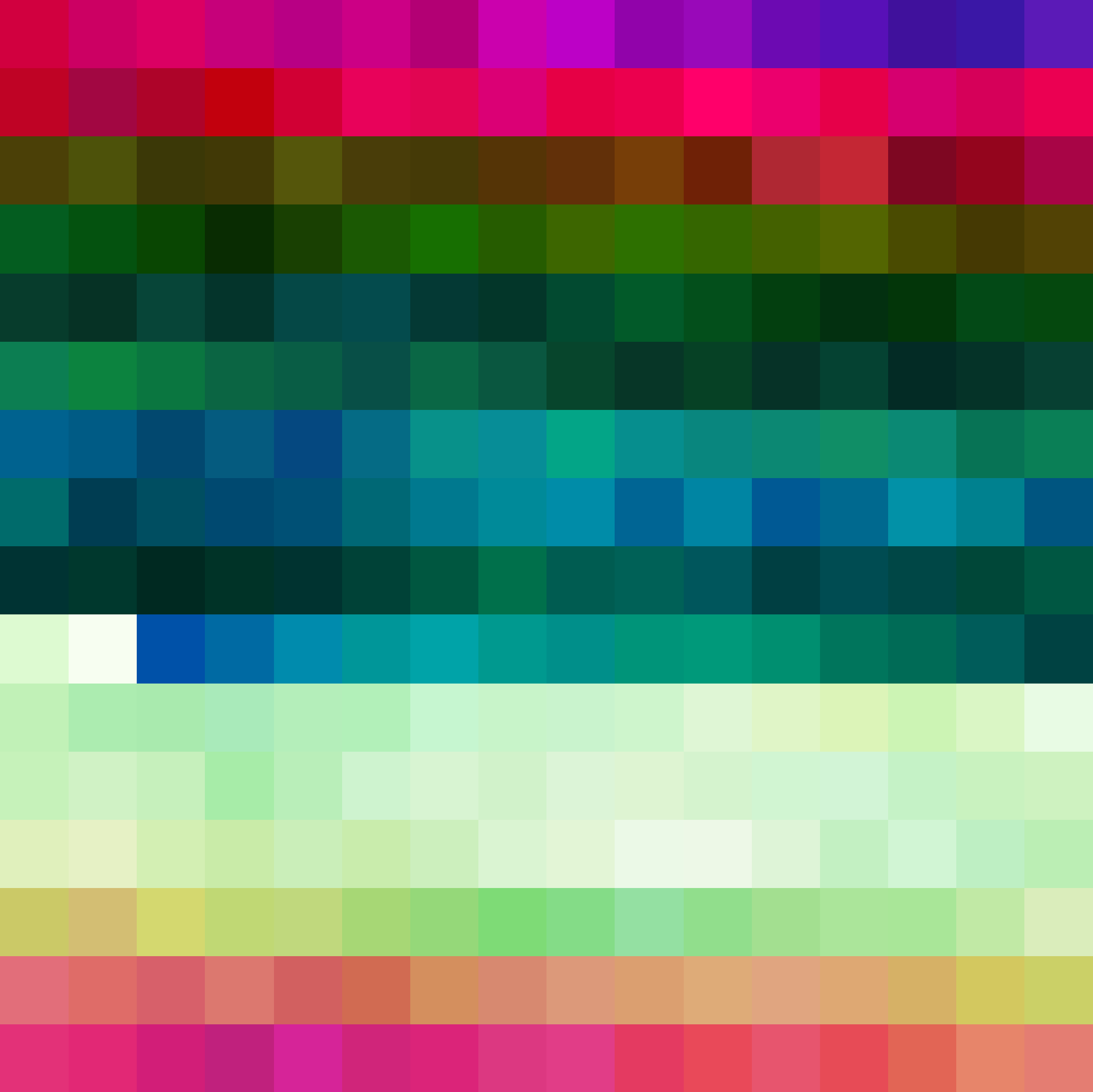
There's a pixel gradient in this 9 by 9 grid. It is mostly cyan, and it also has quite some green, and a little bit of blue in it.
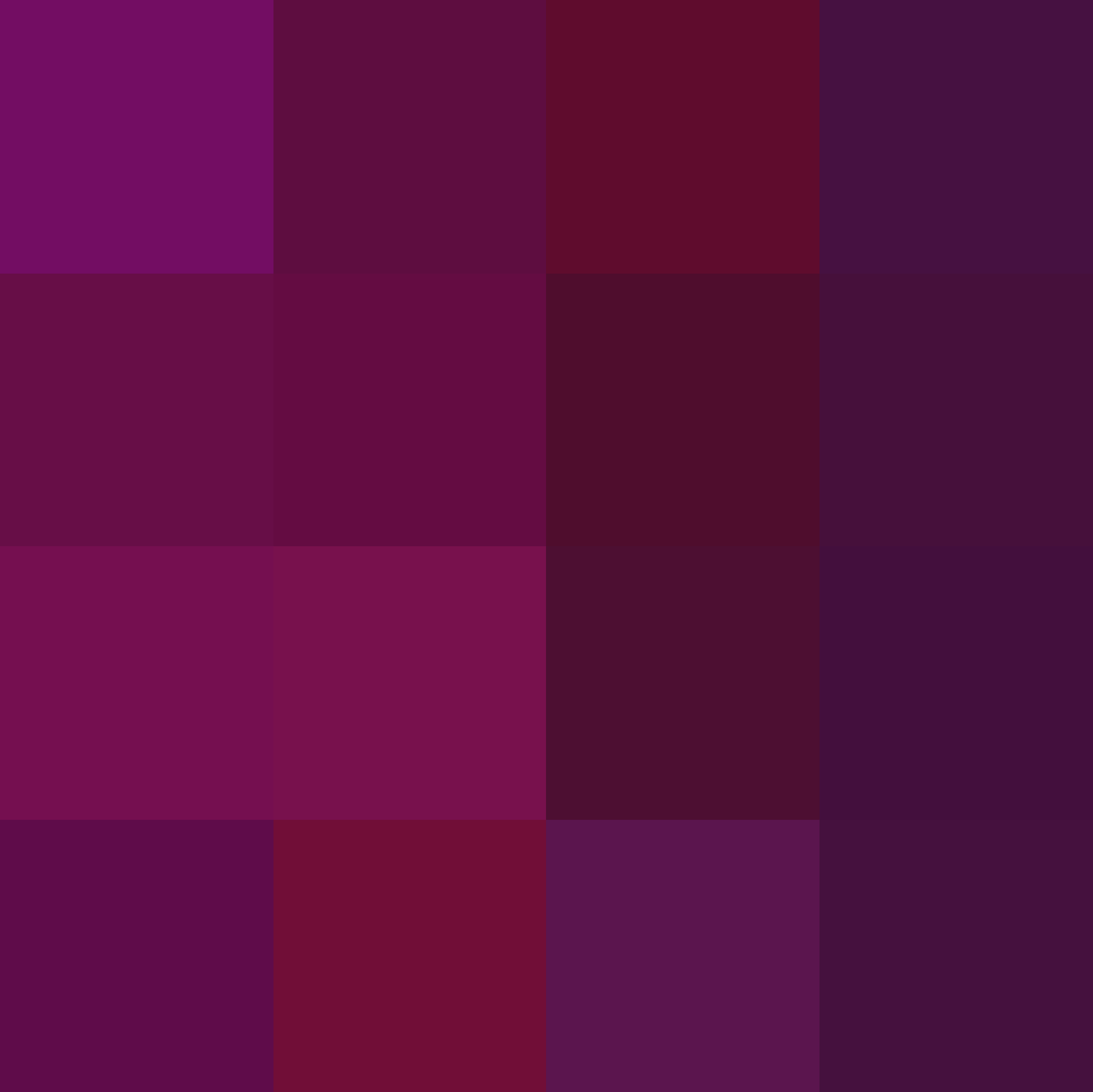
The cells in this 7 by 7 pixel grid form a colourful gradient. It is mostly blue, but it also has some red, some magenta, a bit of cyan, and a little bit of rose in it.
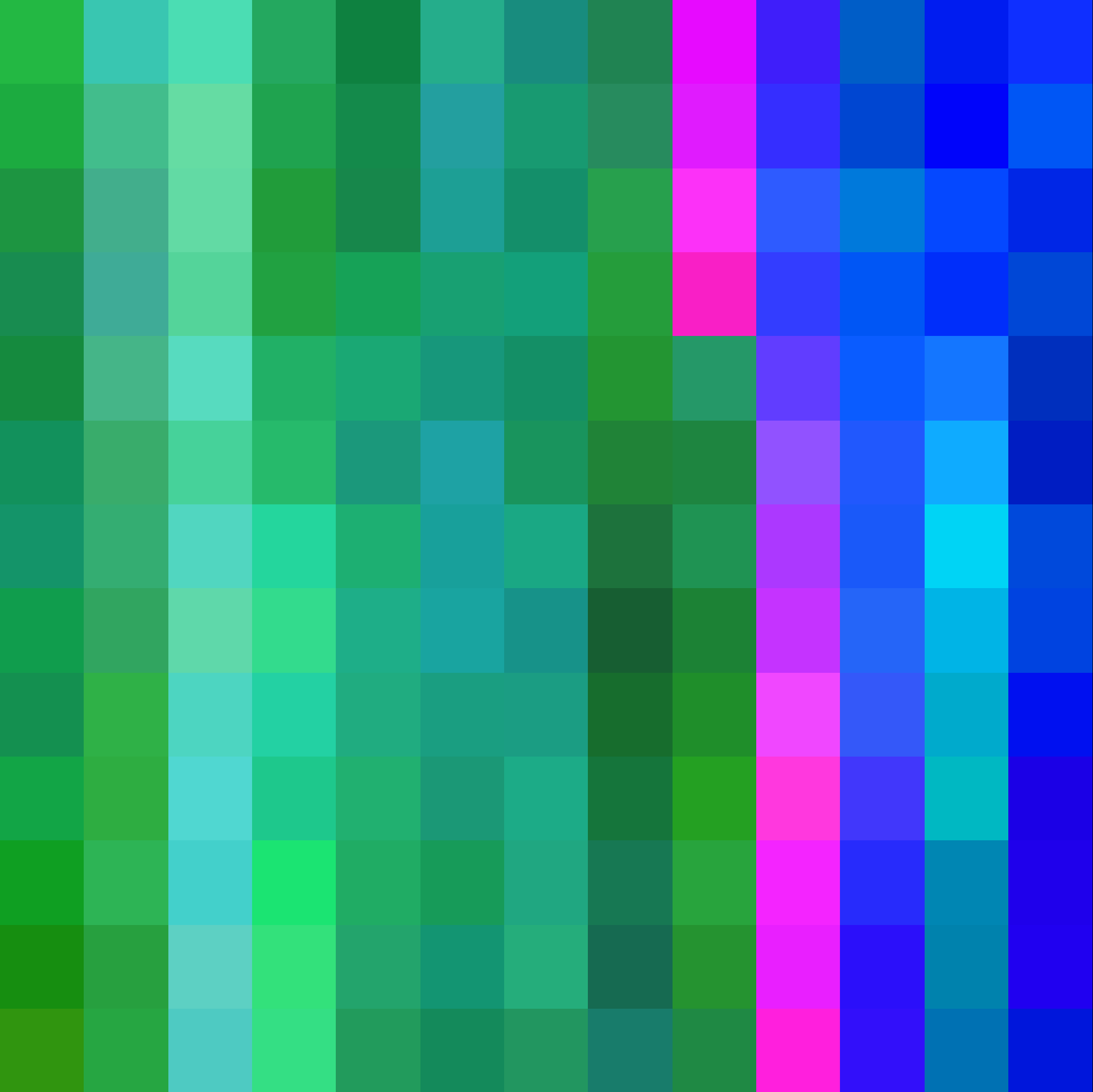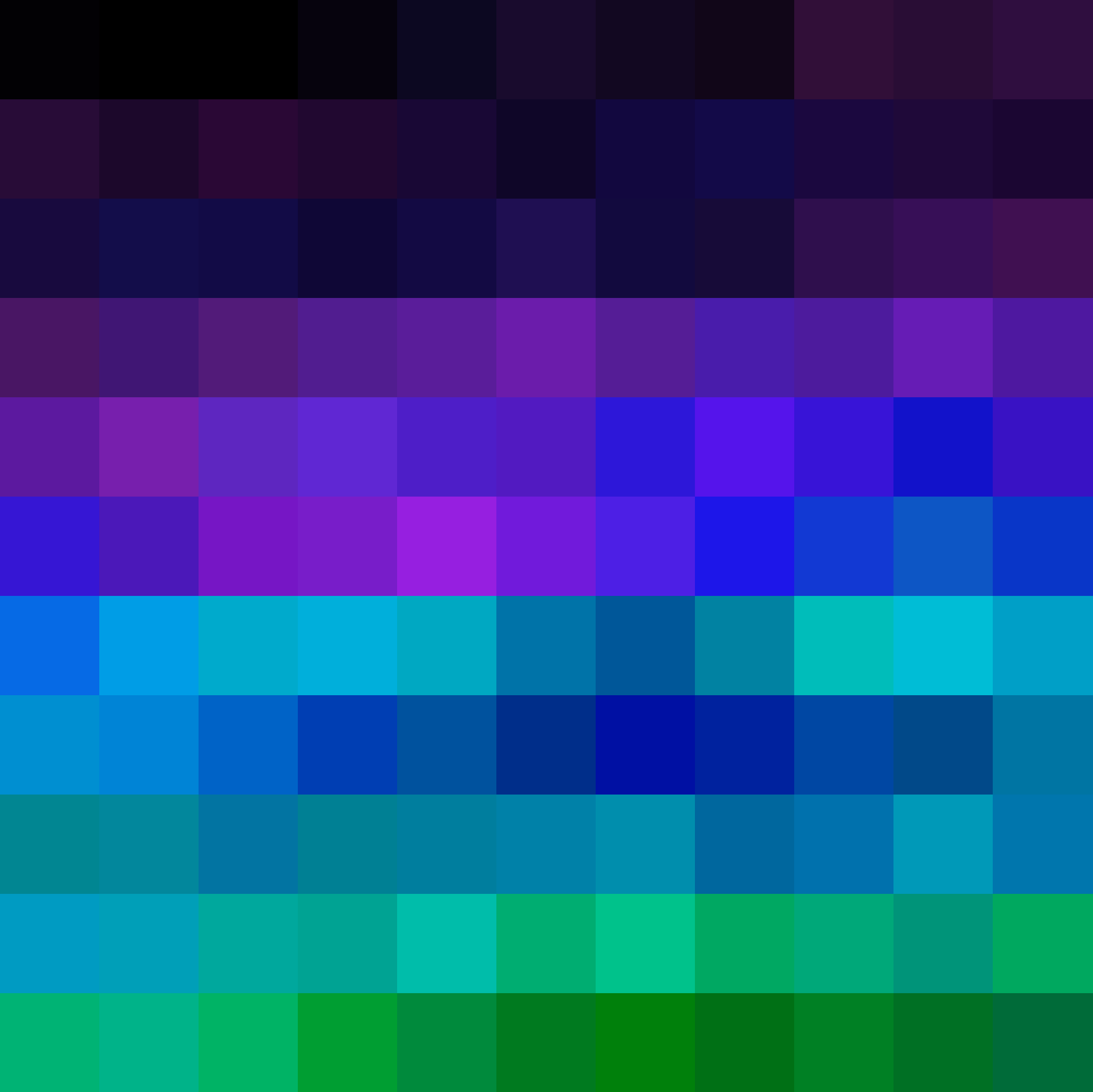
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has quite some cyan, some red, a little bit of rose, a little bit of yellow, a little bit of blue, a little bit of orange, a tiny bit of magenta, a tiny bit of lime, a tiny bit of purple, a tiny bit of violet, and a tiny bit of indigo in it.
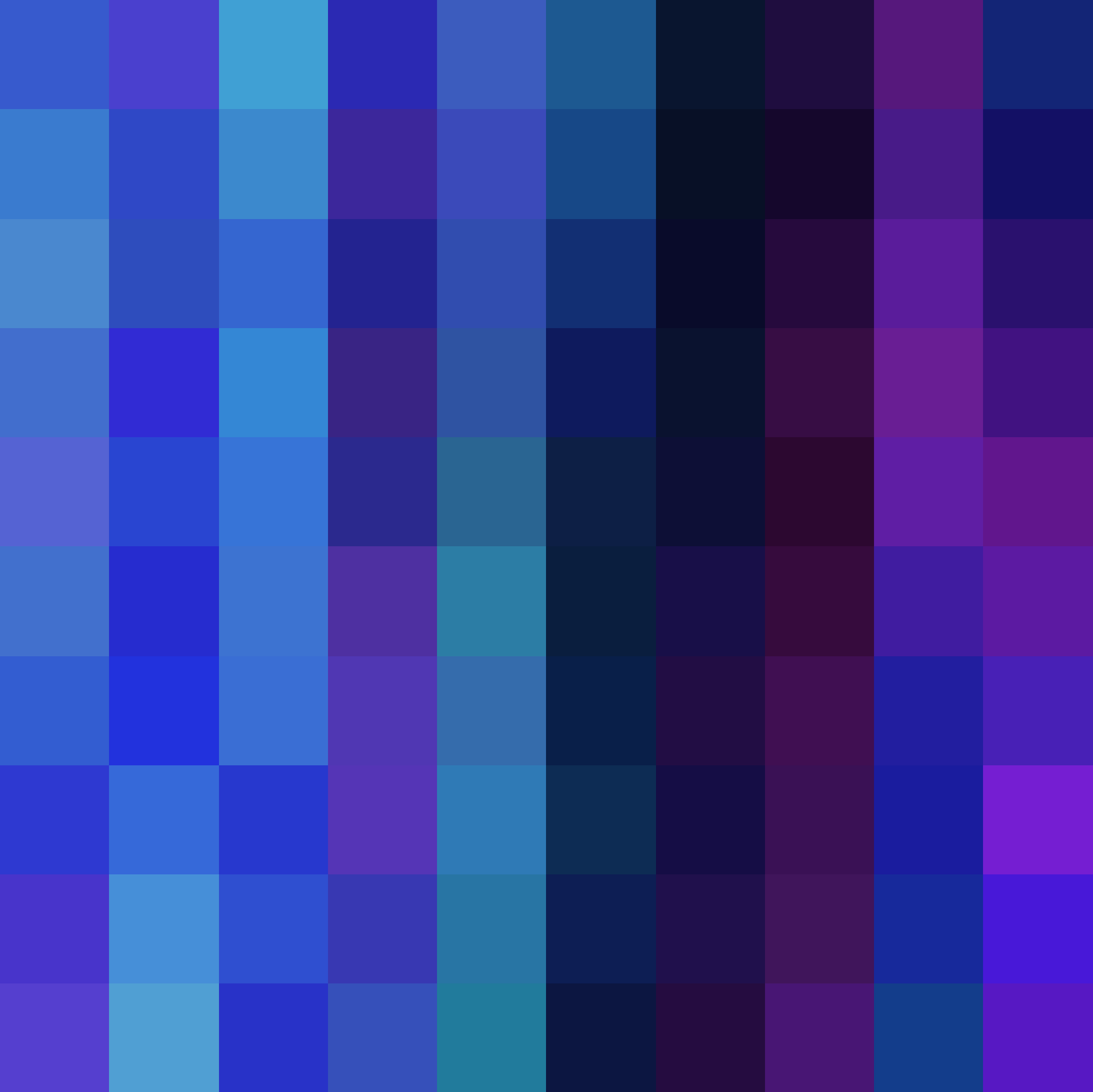
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly magenta, and it also has some rose in it.

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

A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly indigo, but it also has quite some blue, some cyan, some purple, some violet, and some green in it.

Here's a 10 by 10 pixelated grid that forms a colourful gradient. It is mostly blue, but it also has quite some indigo, some violet, a bit of purple, and a tiny bit of magenta 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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