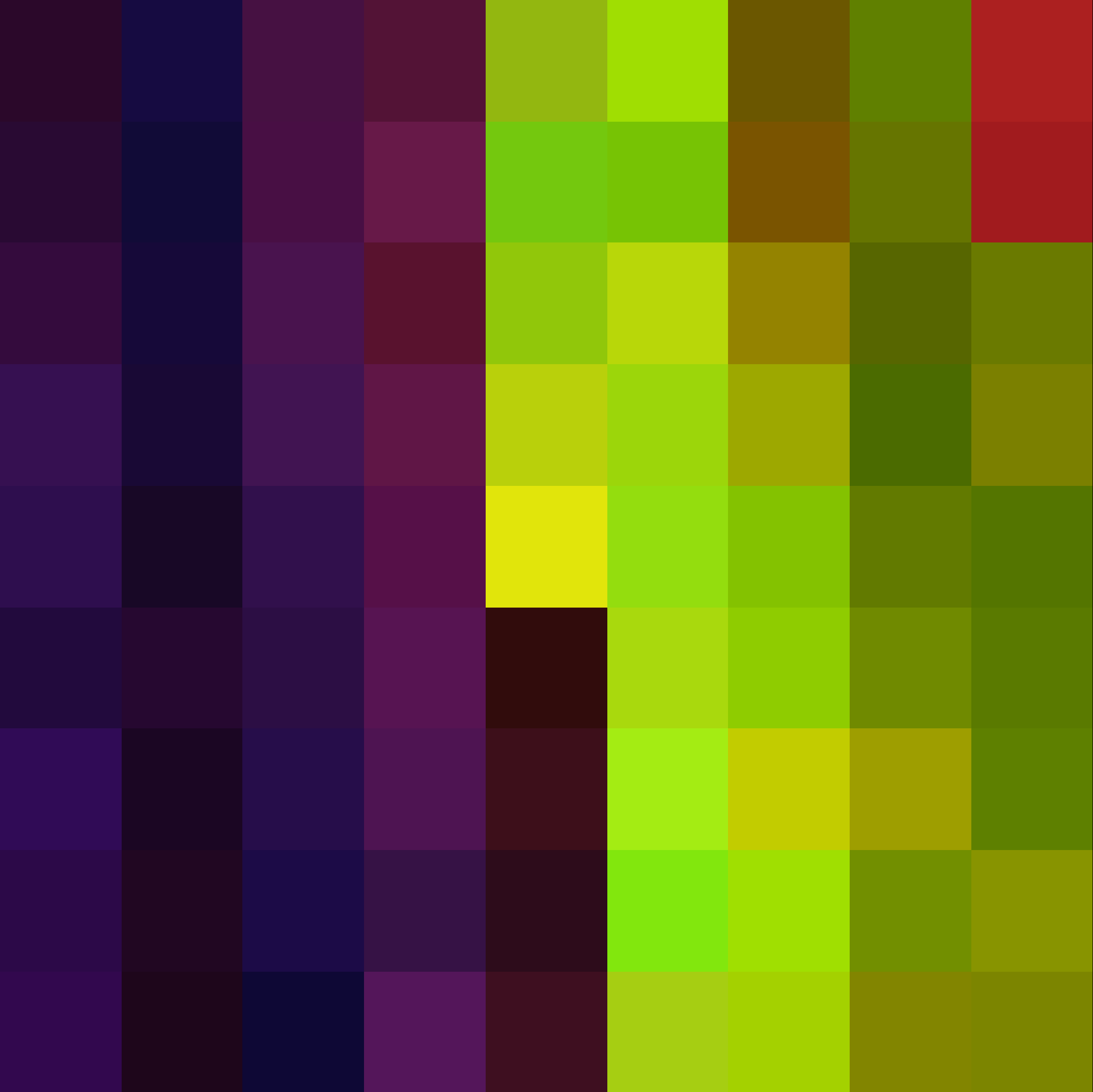# 100 random pixel gradients
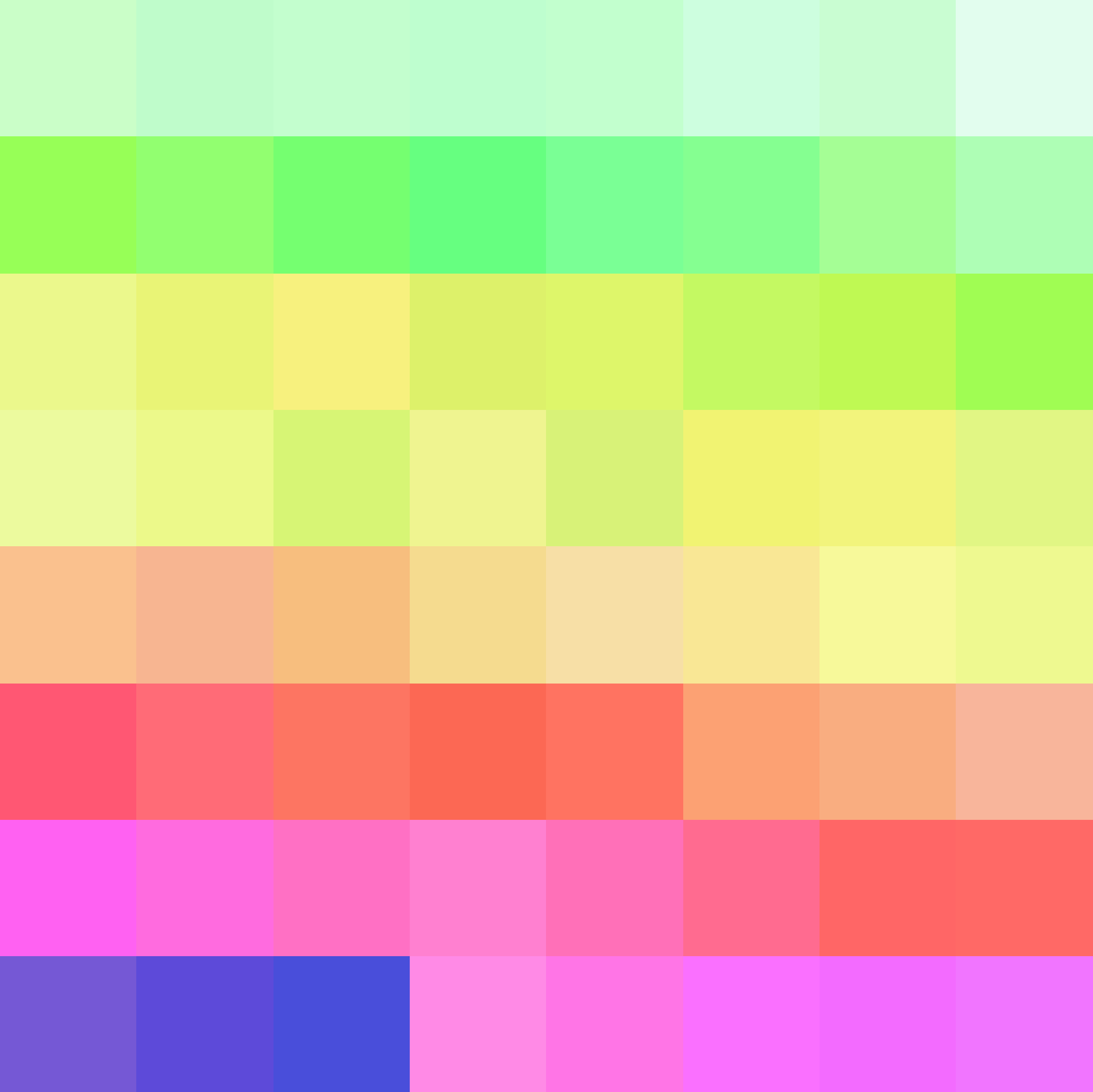
Vasilis van Gemert – 13-07-2023

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, but it also has some magenta, a bit of purple, a bit of red, a little bit of yellow, a little bit of rose, a little bit of blue, a little bit of orange, a little bit of violet, a little bit of cyan, a tiny bit of lime, 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 lime, and it also has some yellow, some purple, some magenta, a little bit of violet, a little bit of indigo, a little bit of green, a little bit of rose, a little bit of red, and a tiny bit of orange in it.
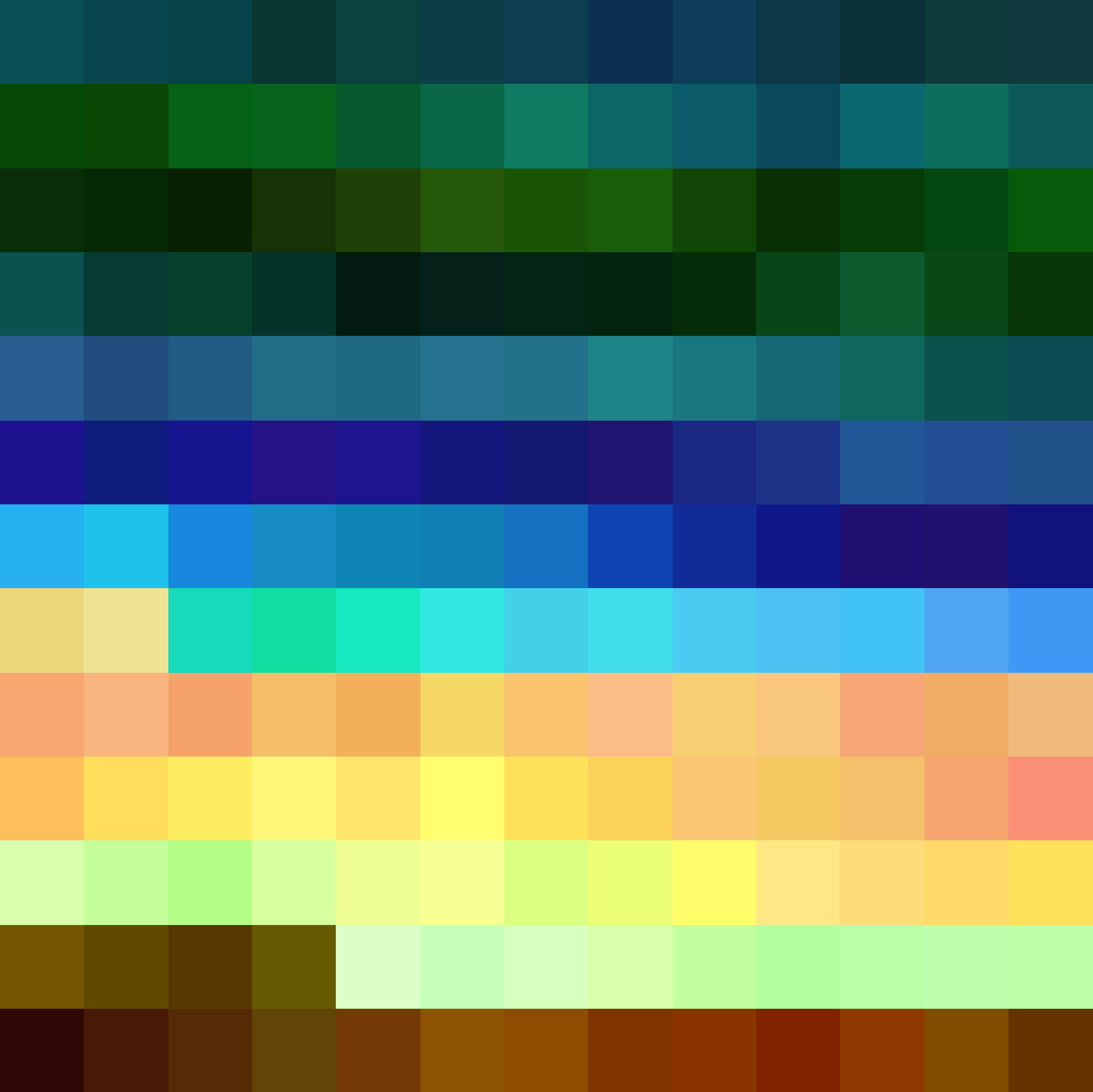
A very colourful grid of 64 blocks. It's mostly green, but it also has quite some red, quite some yellow, some orange, a little bit of lime, a little bit of indigo, and a tiny bit of blue in it.
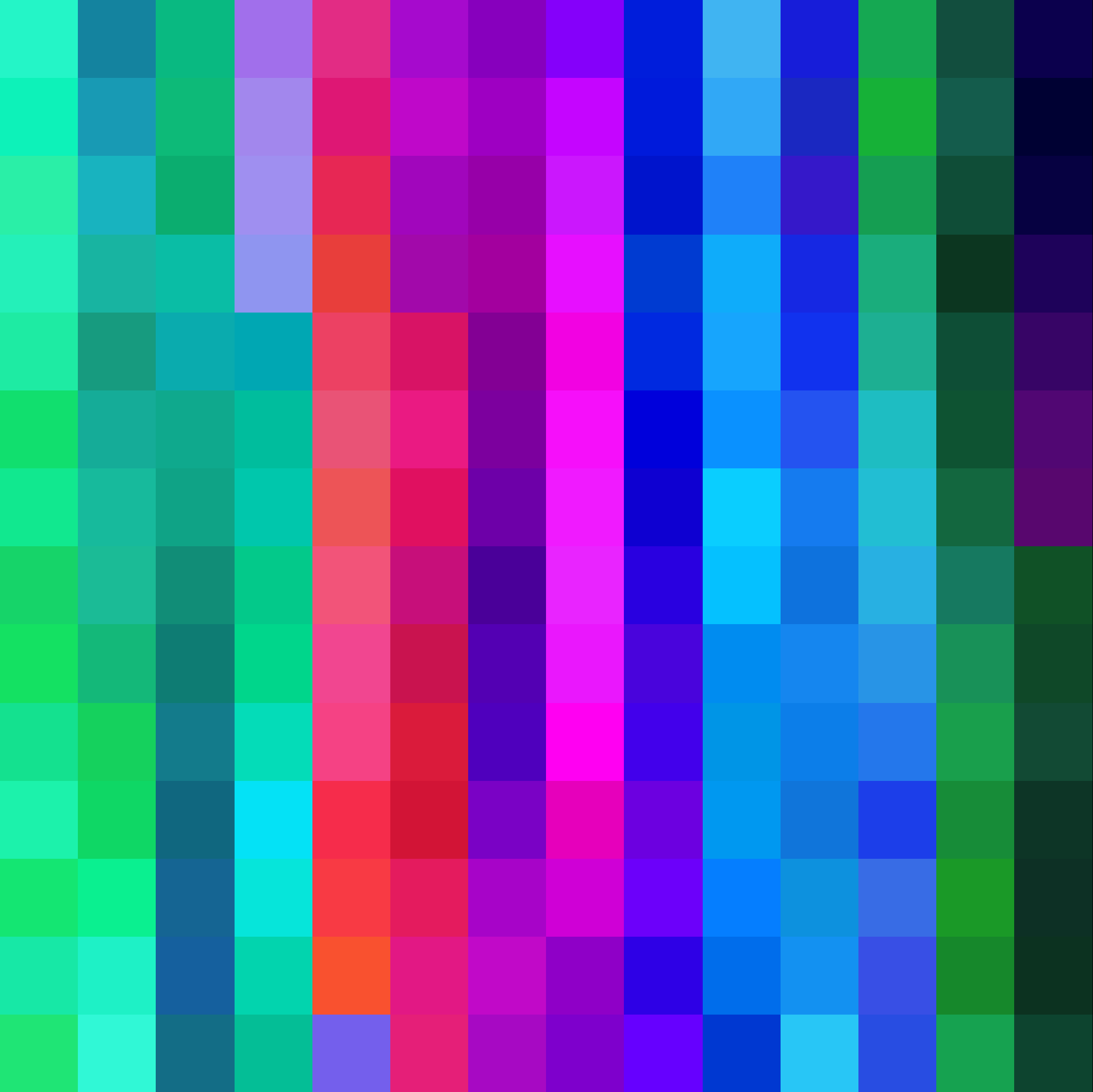
A 7 by 7 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, and it also has quite some cyan in it.
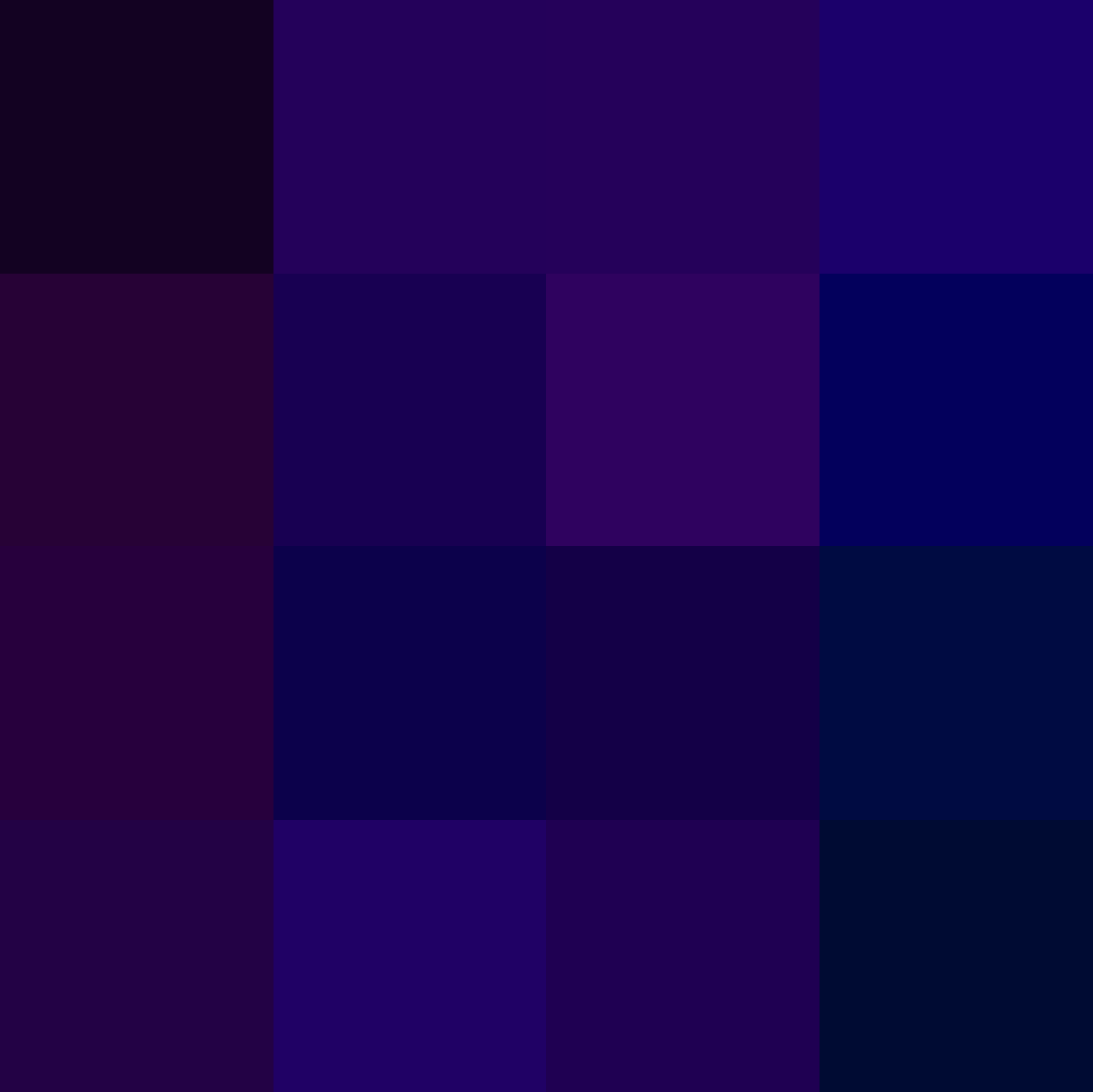
This gradient, generated in this 5 by 5 pixel grid, is mostly red, and it also has a lot of orange, and a bit of yellow in it.
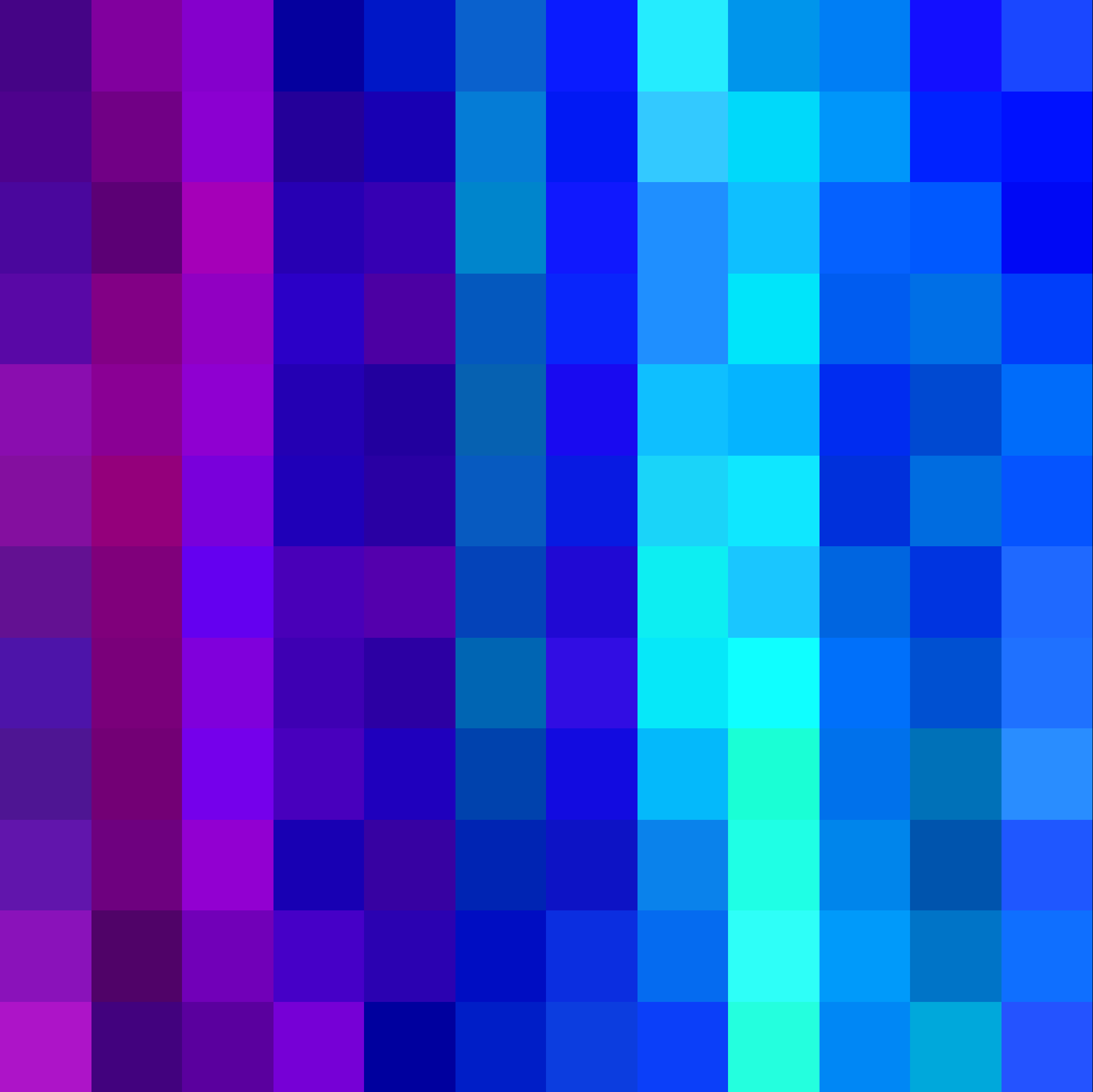
Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some blue, quite some orange, some cyan, a bit of yellow, a little bit of indigo, a tiny bit of red, and a tiny bit of lime in it.
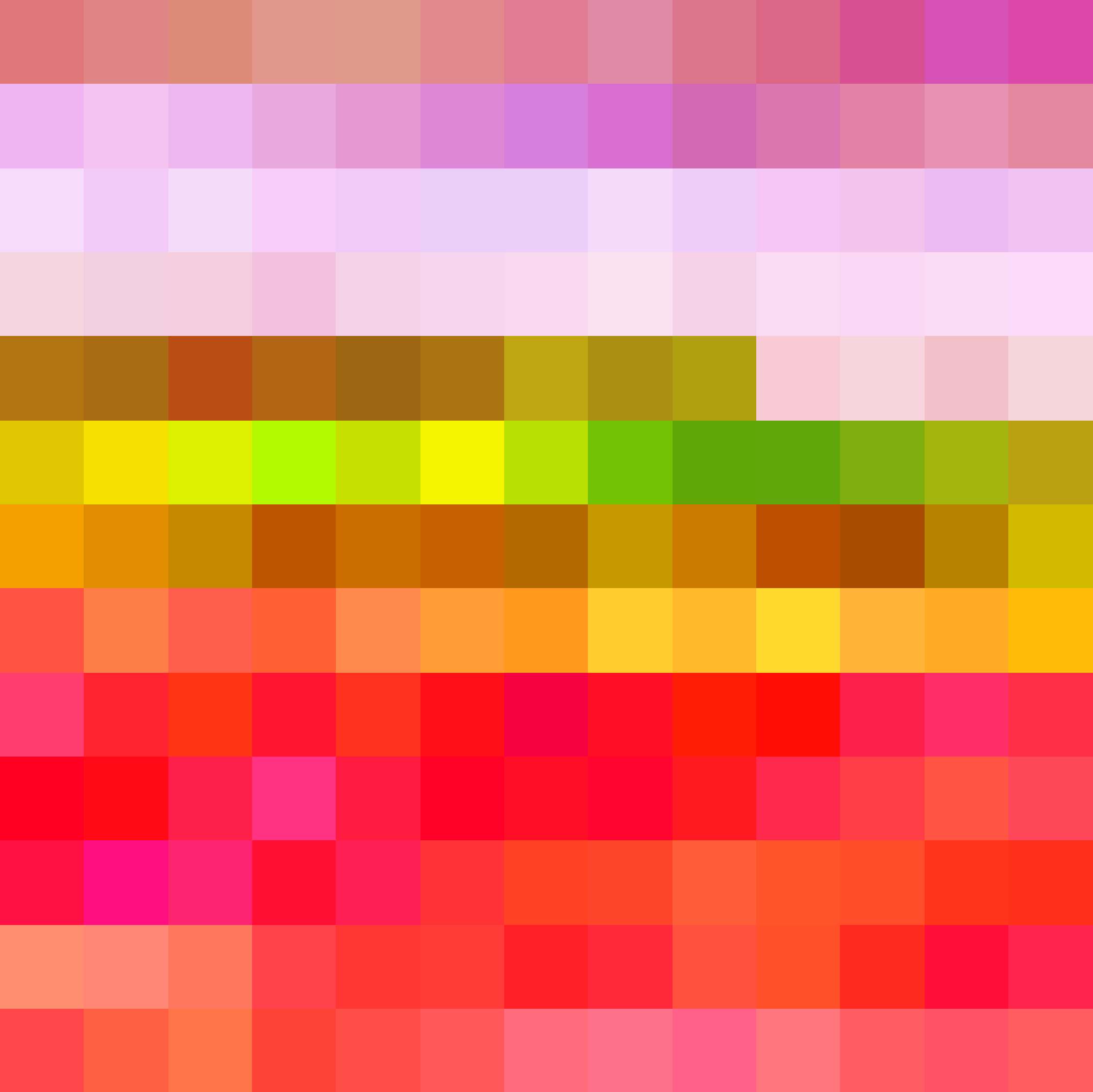
Here's a 14 by 14 pixelated grid that forms a very, very colourful gradient. It is mostly blue, but it also has quite some green, some cyan, some red, a bit of purple, a bit of magenta, a little bit of indigo, and a little bit of violet in it.
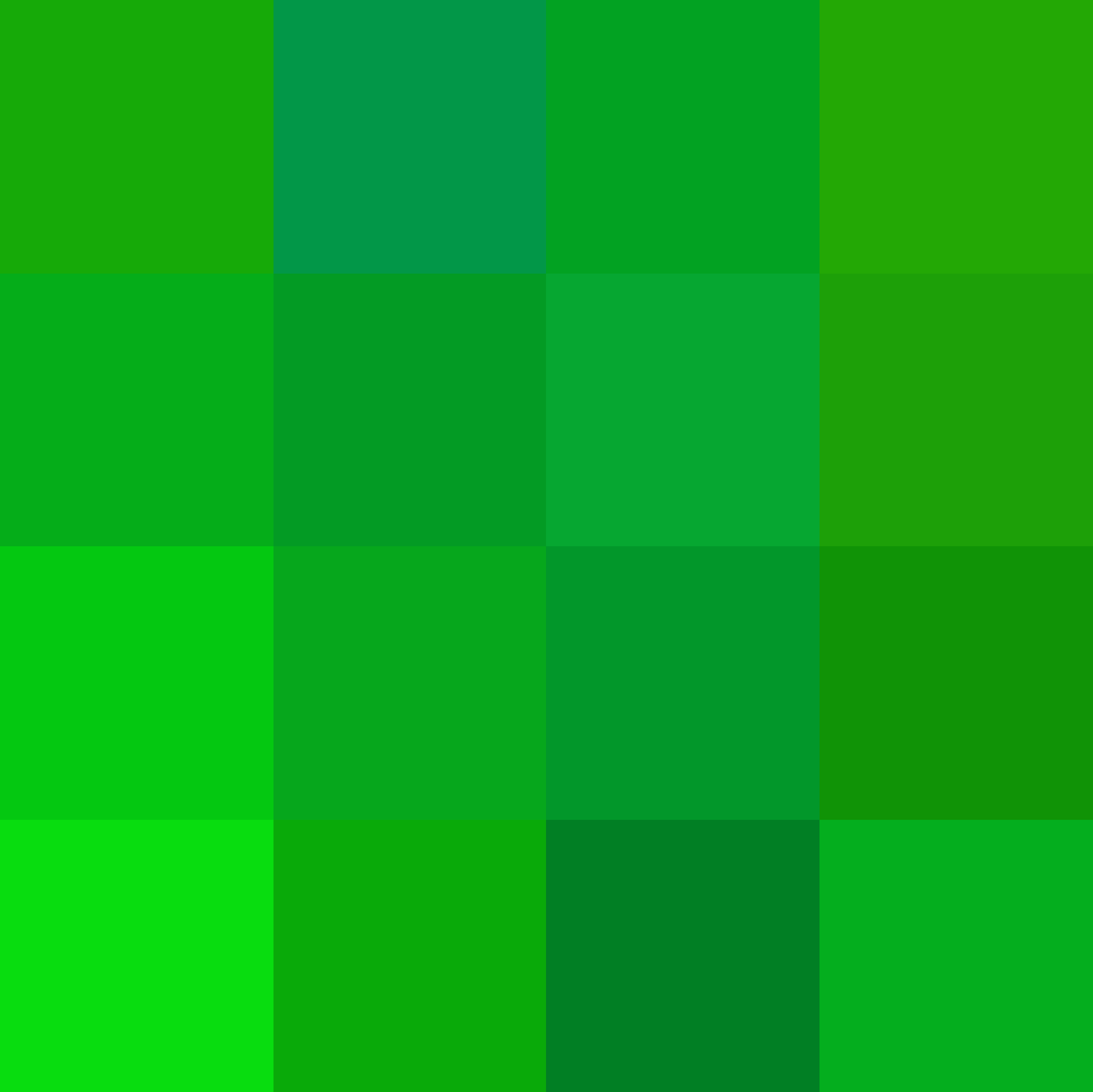
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly indigo, but it also has quite some violet, some purple, and some blue in it.
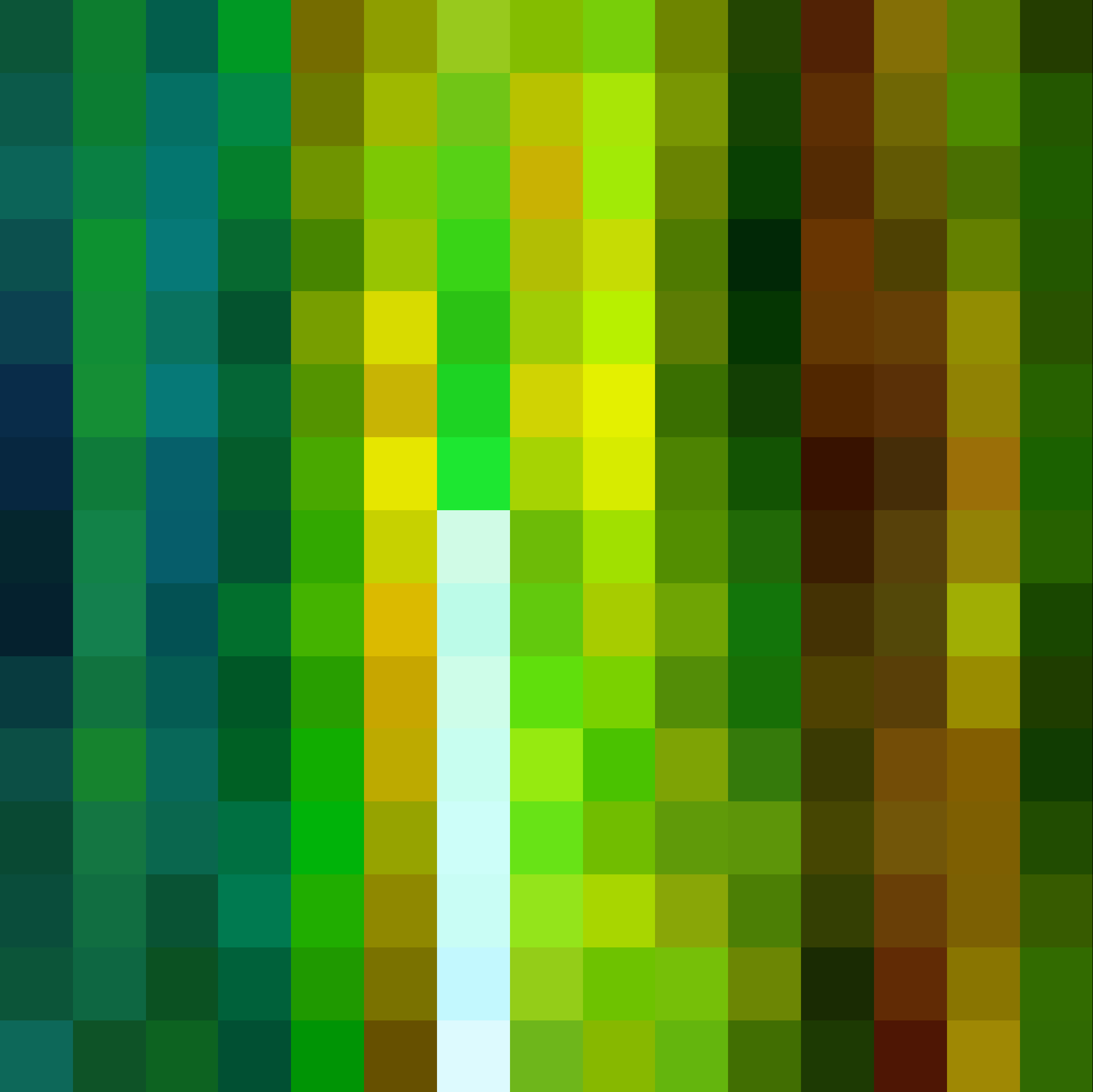
A very colourful grid of 144 blocks. It's mostly blue, and it also has some purple, some indigo, a bit of violet, a bit of cyan, and a little bit of magenta in it.

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

This monochrome pixel gradient—it is 4 cells wide, 4 cells high—is green.

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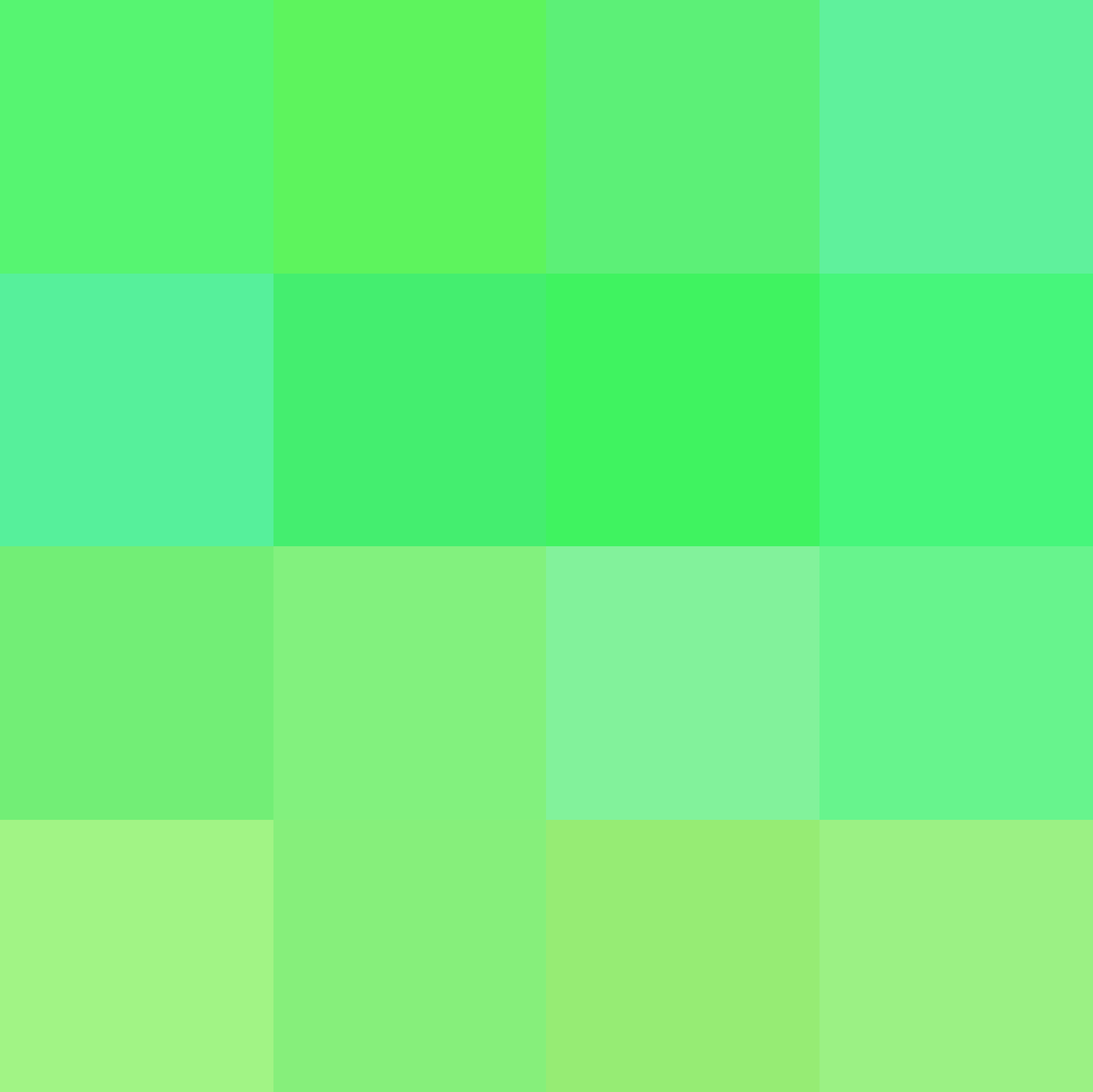
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly magenta, and it also has some purple, some indigo, some yellow, some rose, some red, a bit of violet, a little bit of blue, a little bit of green, a tiny bit of lime, and a tiny bit of orange in it.

This two tone gradient, generated in this 10 by 10 pixel grid, is mostly red, but it also has quite some orange 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 some blue, a bit of cyan, and a tiny bit of lime in it.
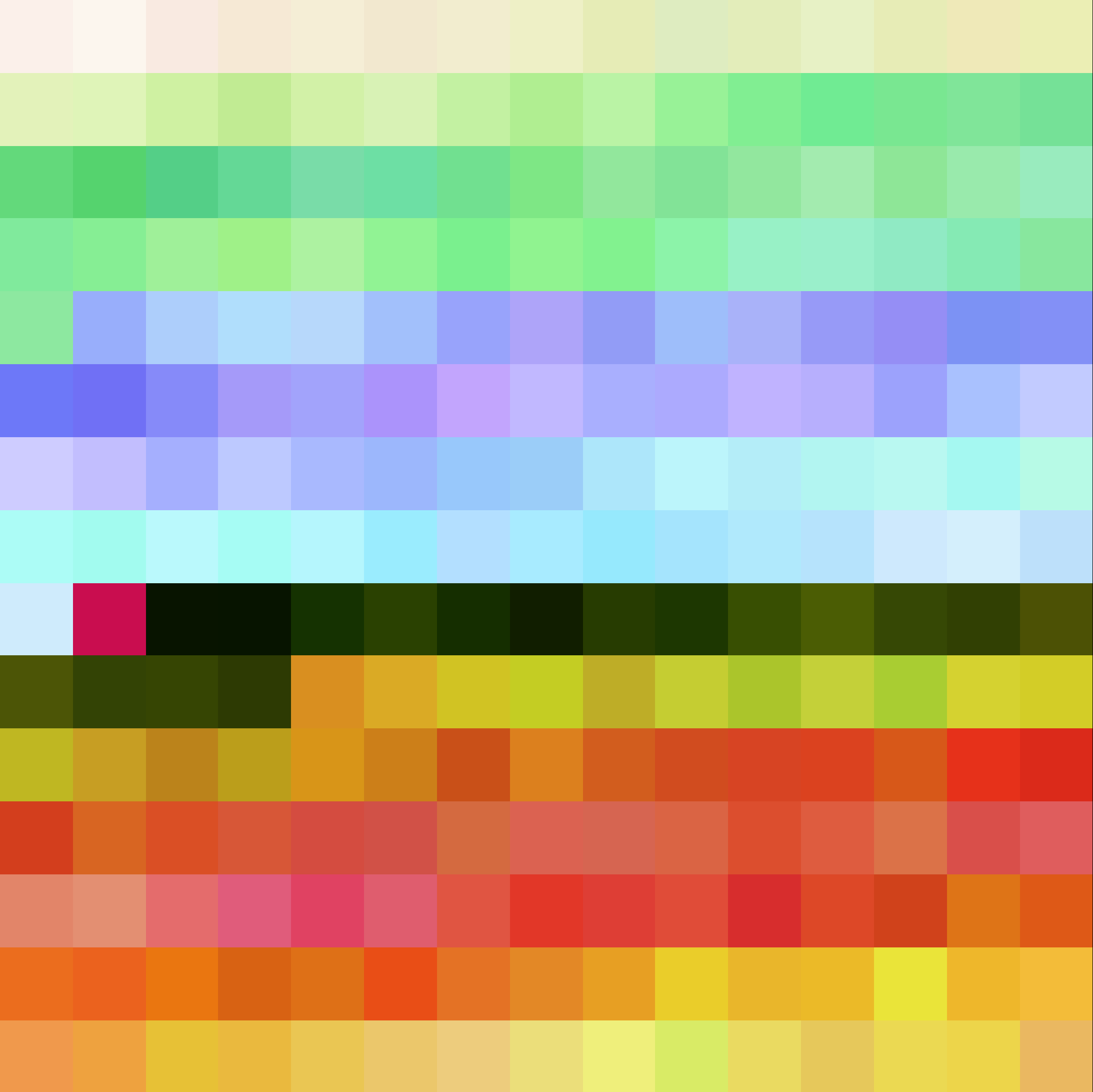
This monochrome pixel gradient—it is 4 cells wide, 4 cells high—is green.

A 13 by 13 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some green, some orange, some red, some rose, a bit of lime, and a tiny bit of magenta in it.

A 12 by 12 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some magenta, some indigo, some purple, some violet, a bit of rose, a little bit of cyan, a little bit of red, and a tiny bit of orange in it.
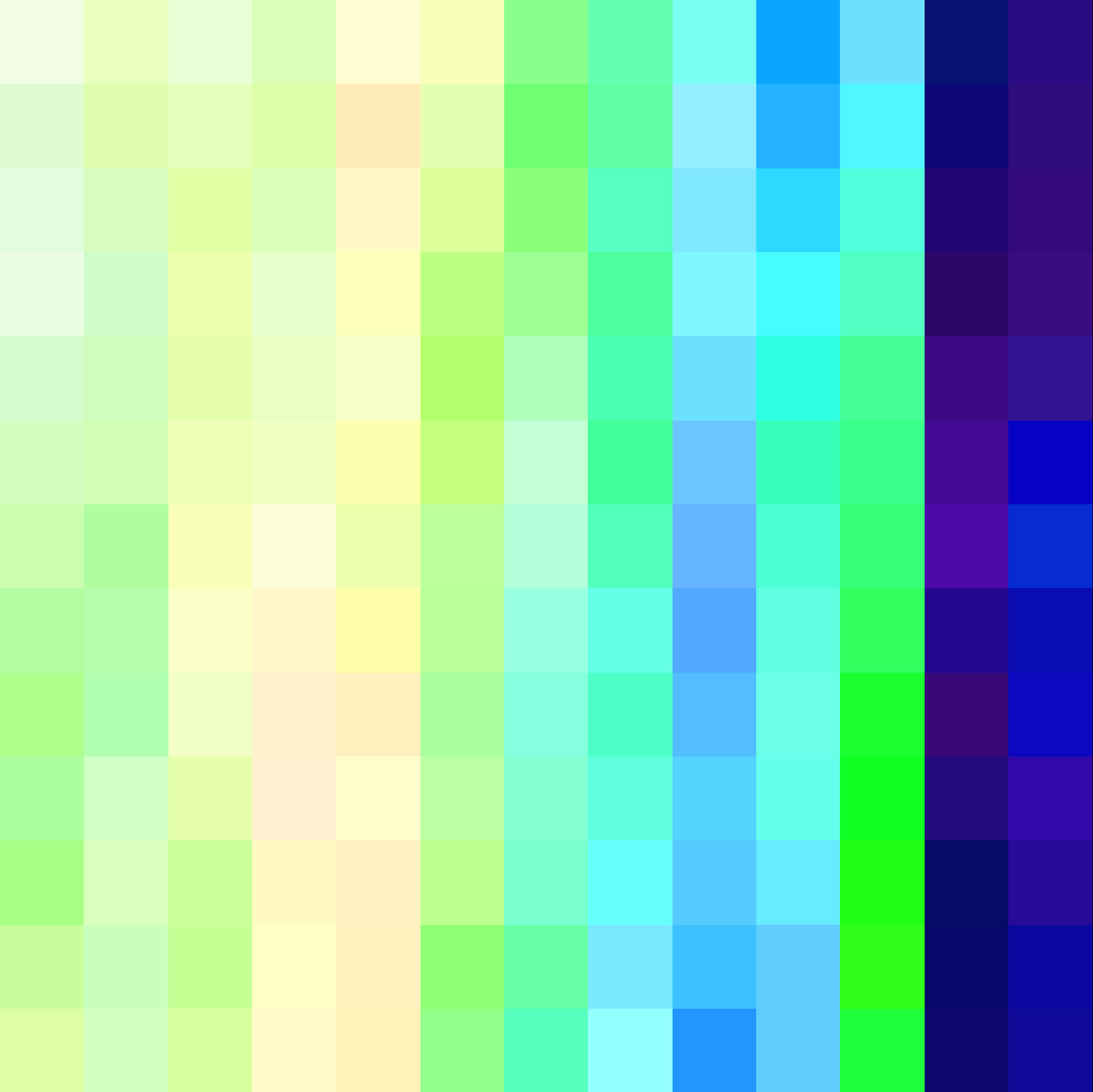
This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, but it also has some orange, some blue, some yellow, some red, a little bit of cyan, a little bit of lime, a little bit of indigo, and a tiny bit of rose in it.
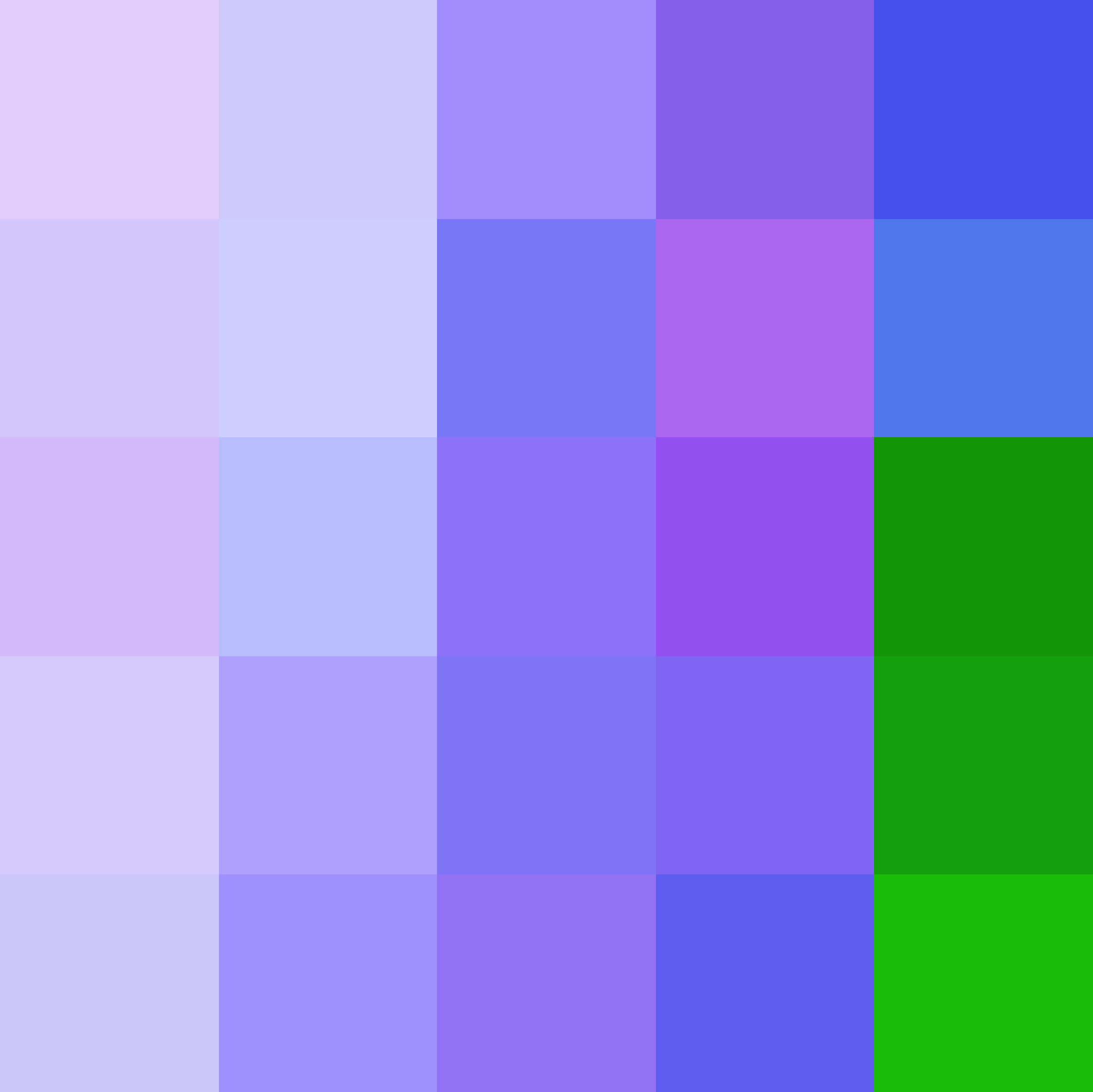
This gradient, generated in this 5 by 5 pixel grid, is mostly magenta, and it also has quite some purple, some rose, and a bit of red in it.
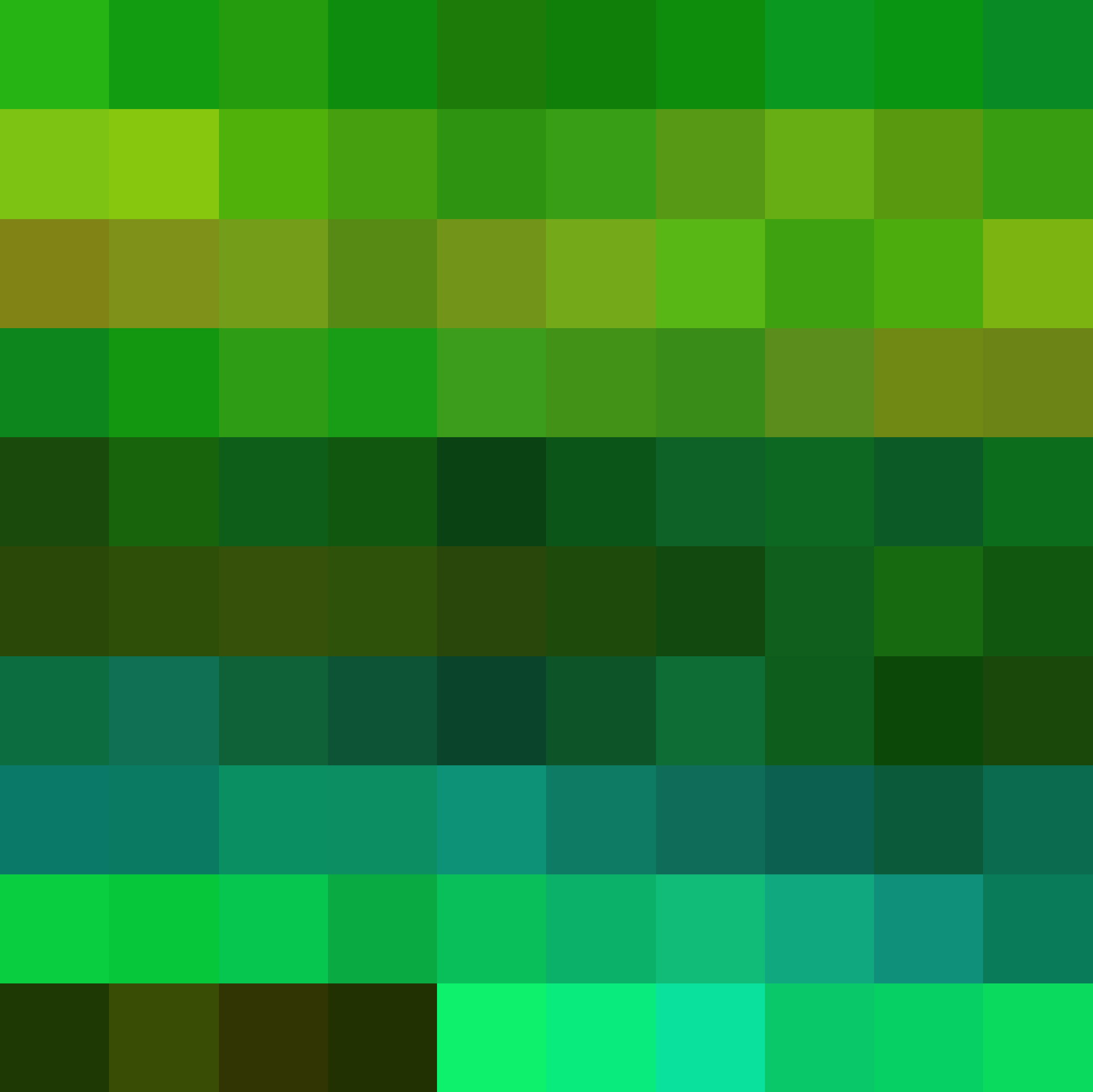
This very colourful gradient, generated in this 14 by 14 pixel grid, is mostly red, and it also has some orange, some rose, some magenta, some green, a tiny bit of yellow, and a tiny bit of lime in it.

A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some cyan, some yellow, a bit of blue, a bit of indigo, a little bit of lime, a little bit of violet, and a tiny bit of orange in it.
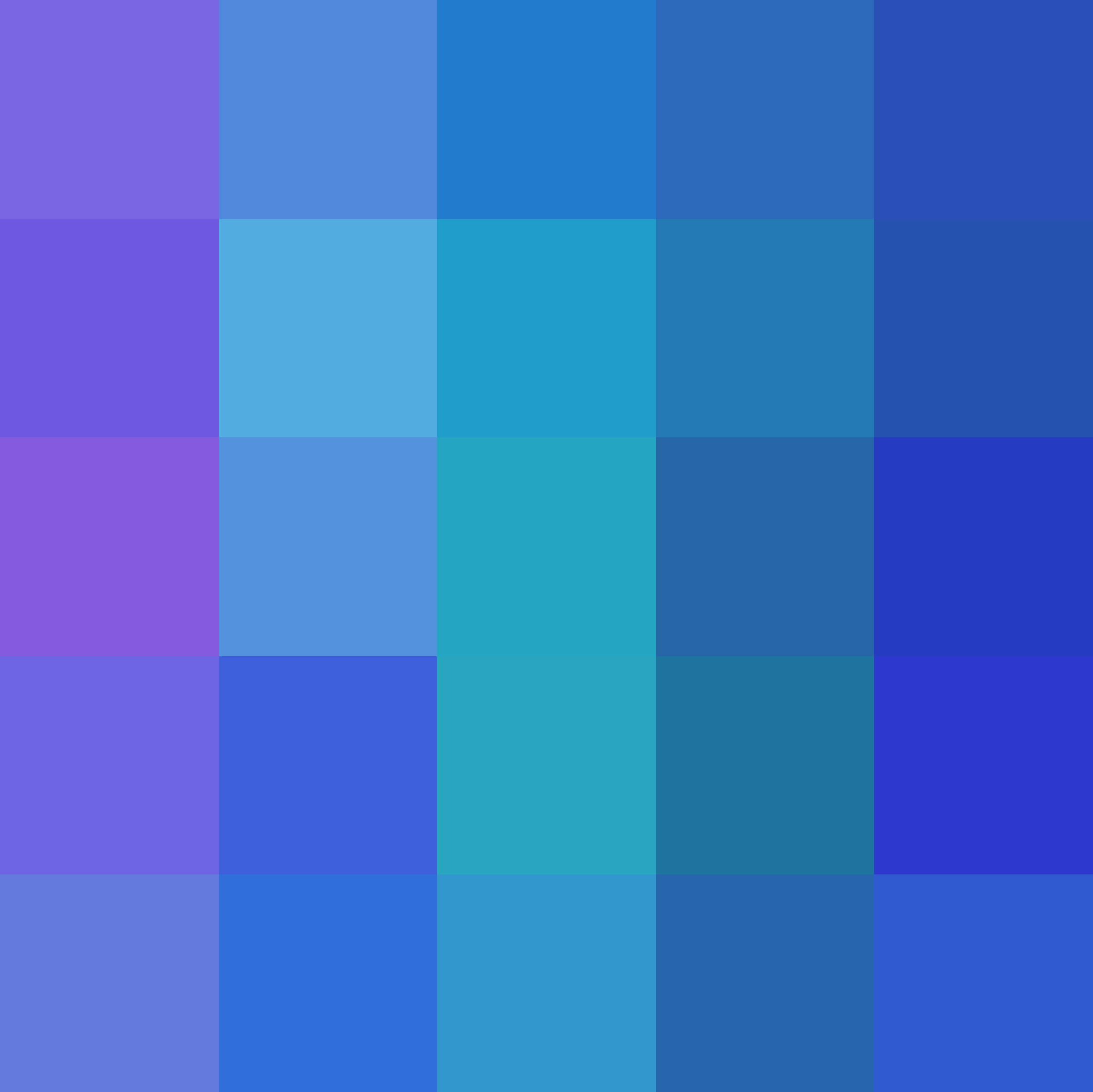
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly indigo, and it also has quite some blue, some violet, and some green in it.

A grid of 100 blocks. It's mostly green, and it also has a bit of cyan, a little bit of lime, and a little bit of yellow in it.

The very colourful gradient in this 9 by 9 pixel grid is mostly green, but it also has a bit of magenta, a little bit of purple, a little bit of yellow, a little bit of lime, a tiny bit of indigo, and a tiny bit of violet in it.
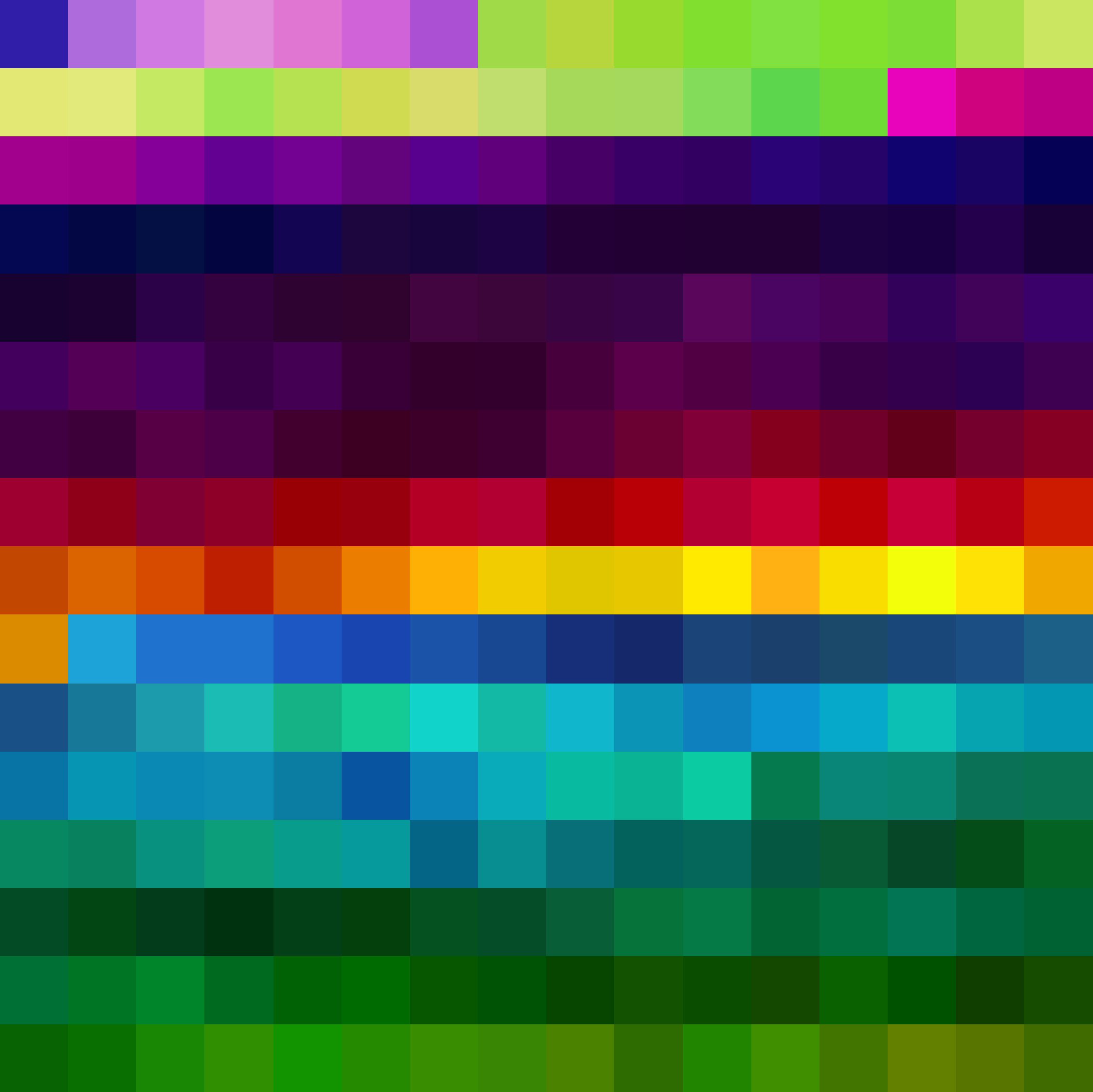
A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has some indigo, and a bit of cyan in it.
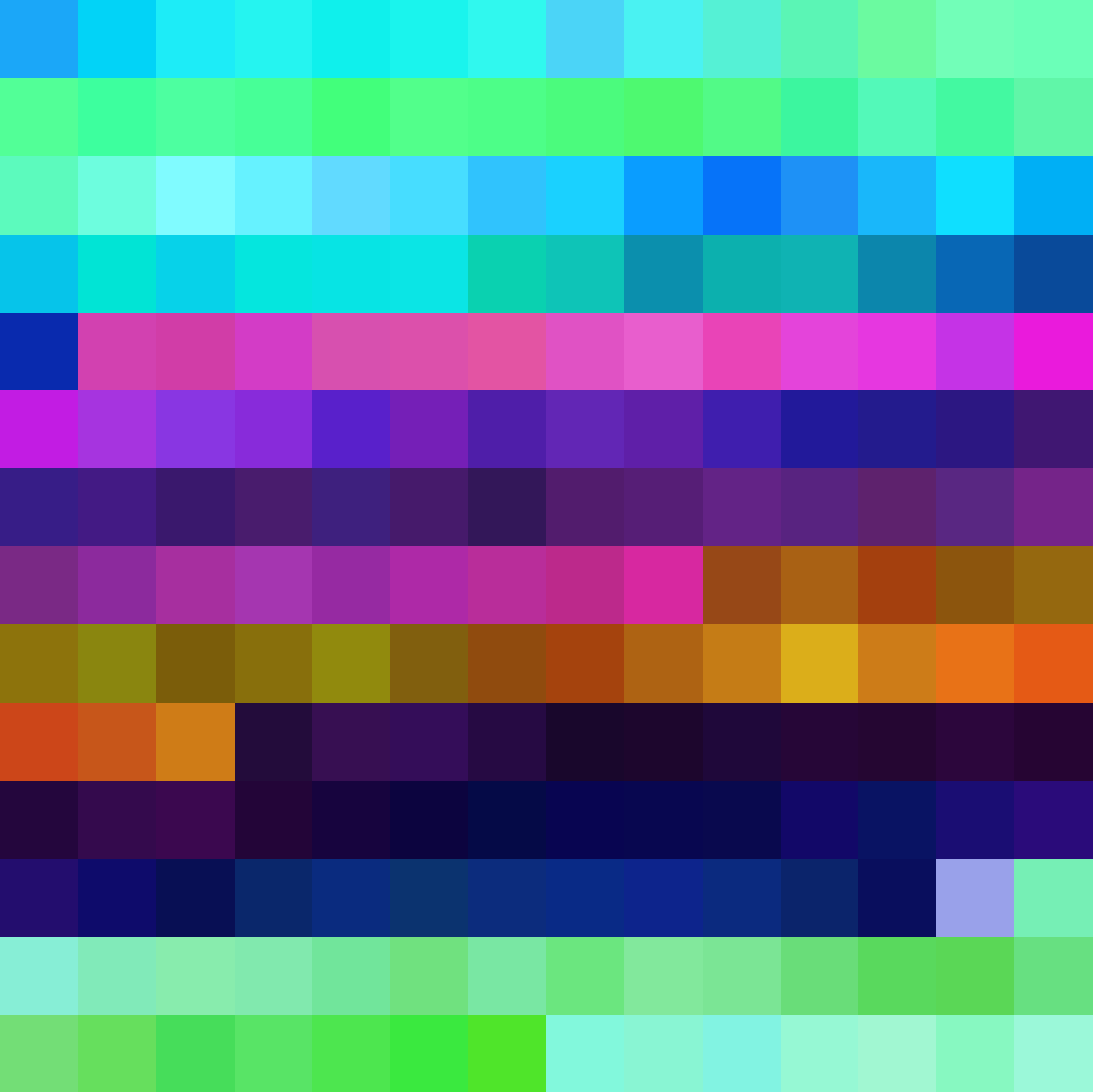
This gradient, generated in this 4 by 4 pixel grid, is mostly red, but it also has some rose, and some orange in it.
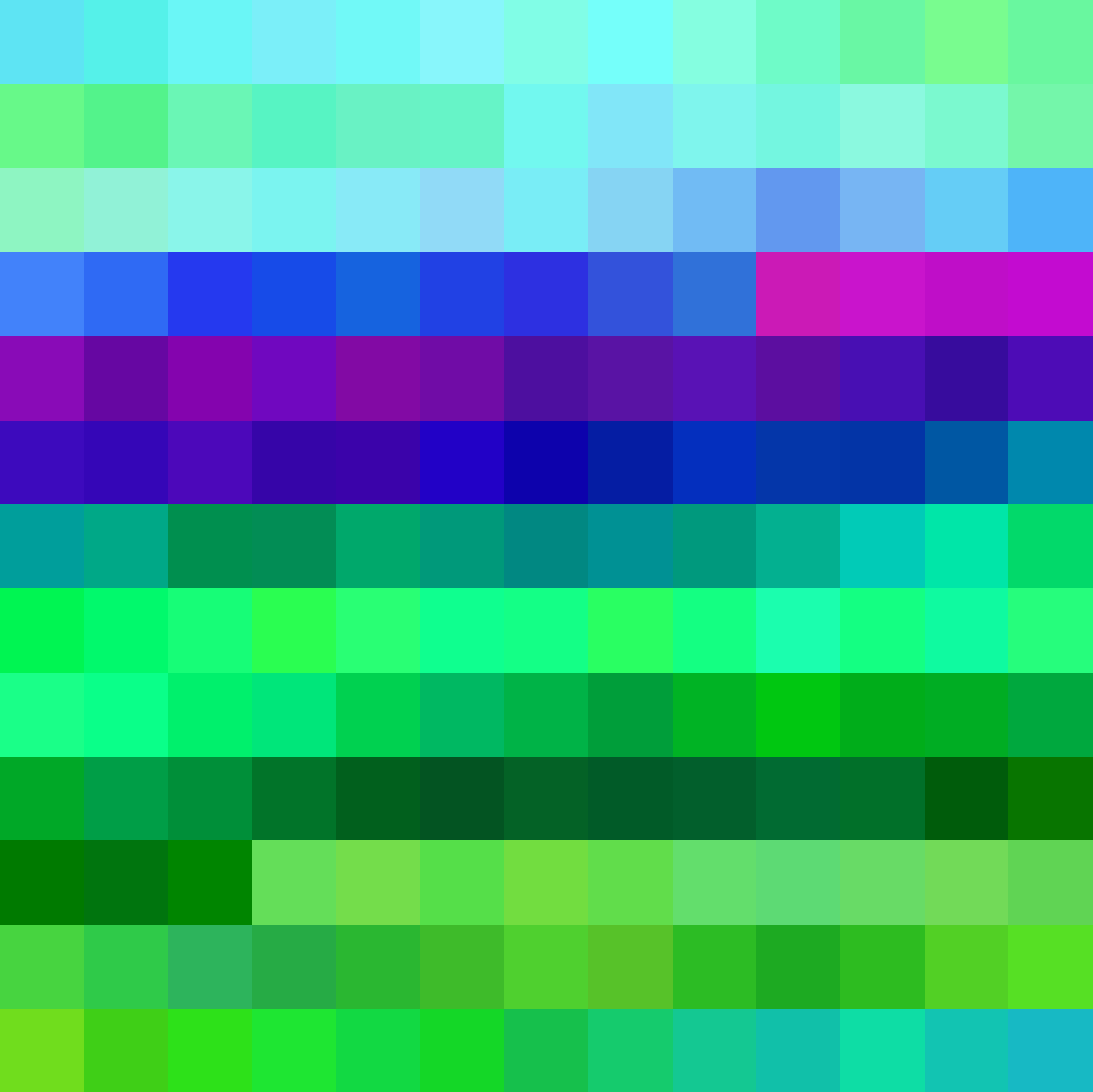
The gradient in this 10 by 10 pixel grid is mostly red, but it also has a lot of orange, a little bit of yellow, and a little bit of lime in it.

This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, and it also has some purple, some magenta, some blue, some cyan, a little bit of red, a little bit of rose, a little bit of yellow, a little bit of orange, a little bit of violet, a little bit of indigo, and a little bit of lime in it.
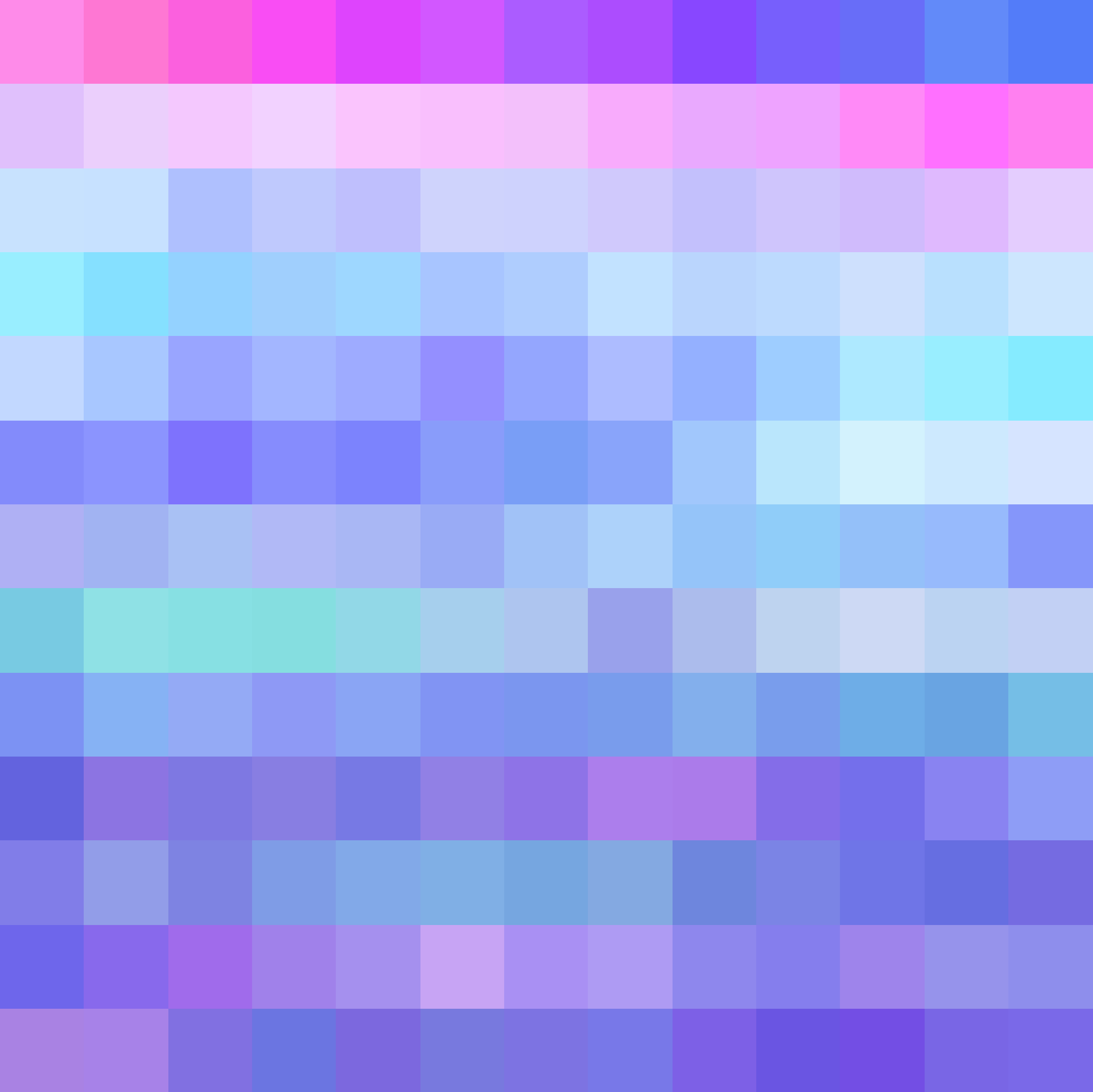
The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some cyan, some blue, some purple, a bit of magenta, a bit of indigo, a bit of orange, a little bit of violet, a little bit of yellow, a tiny bit of rose, and a tiny bit of red in it.
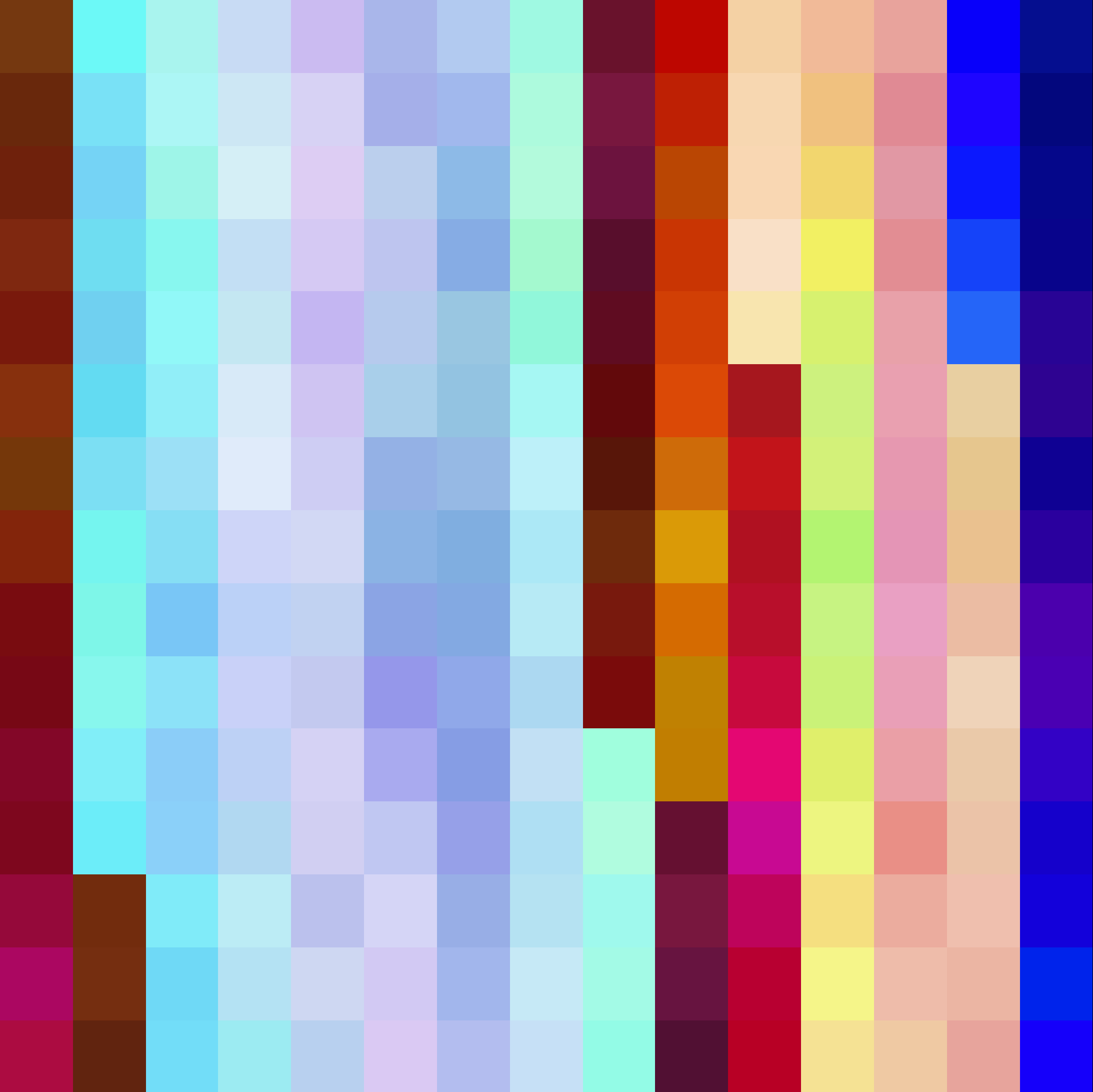
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, and it also has some cyan, some blue, a little bit of purple, a little bit of indigo, a little bit of violet, and a tiny bit of magenta in it.
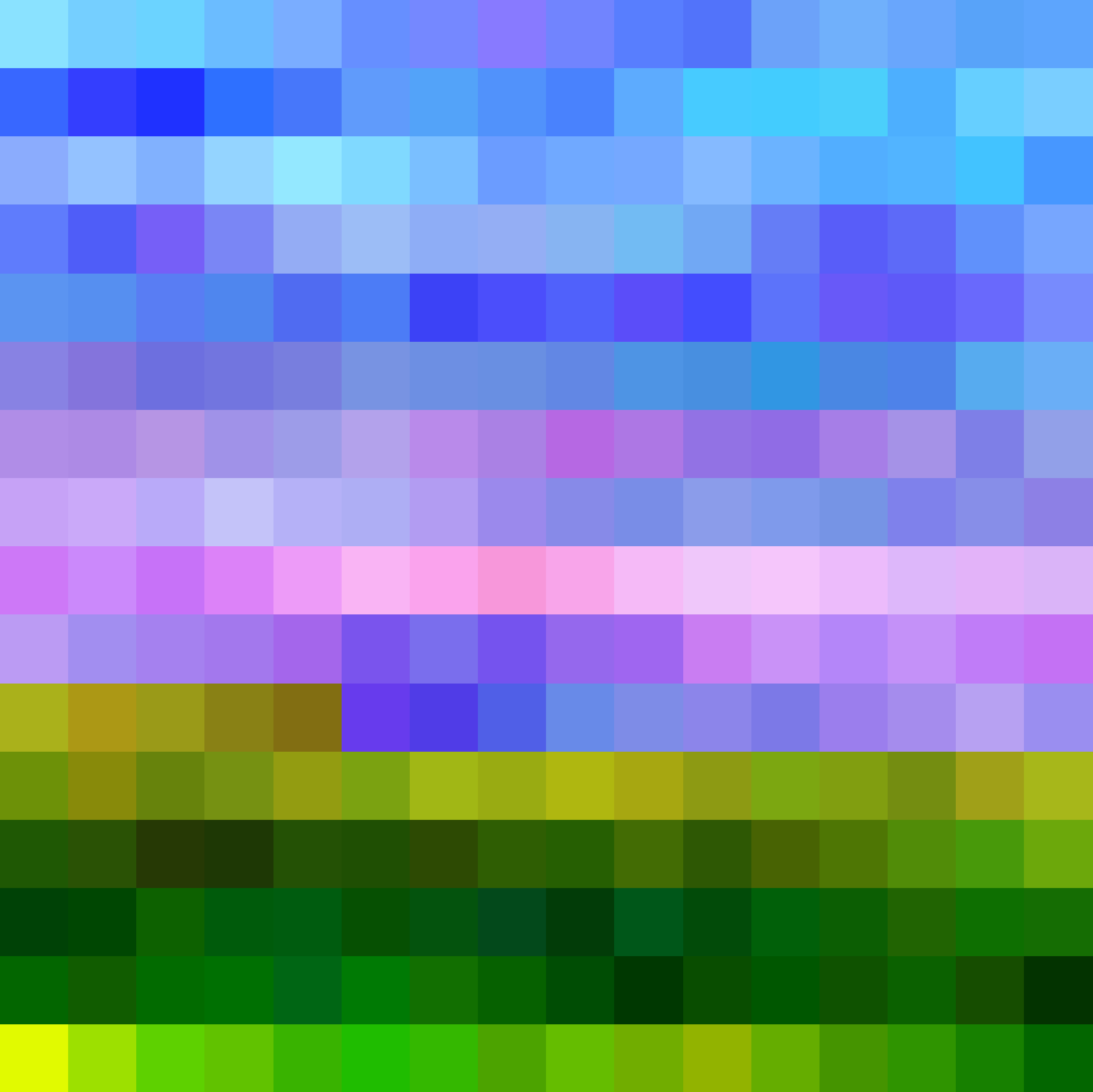
A very colourful grid of 81 blocks. It's mostly green, and it also has some yellow, a bit of cyan, a little bit of blue, a little bit of lime, and a tiny bit of orange in it.

This very colourful gradient, generated in this 13 by 13 pixel grid, is mostly blue, but it also has quite some indigo, a bit of purple, a little bit of magenta, a little bit of violet, and a little bit of cyan in it.

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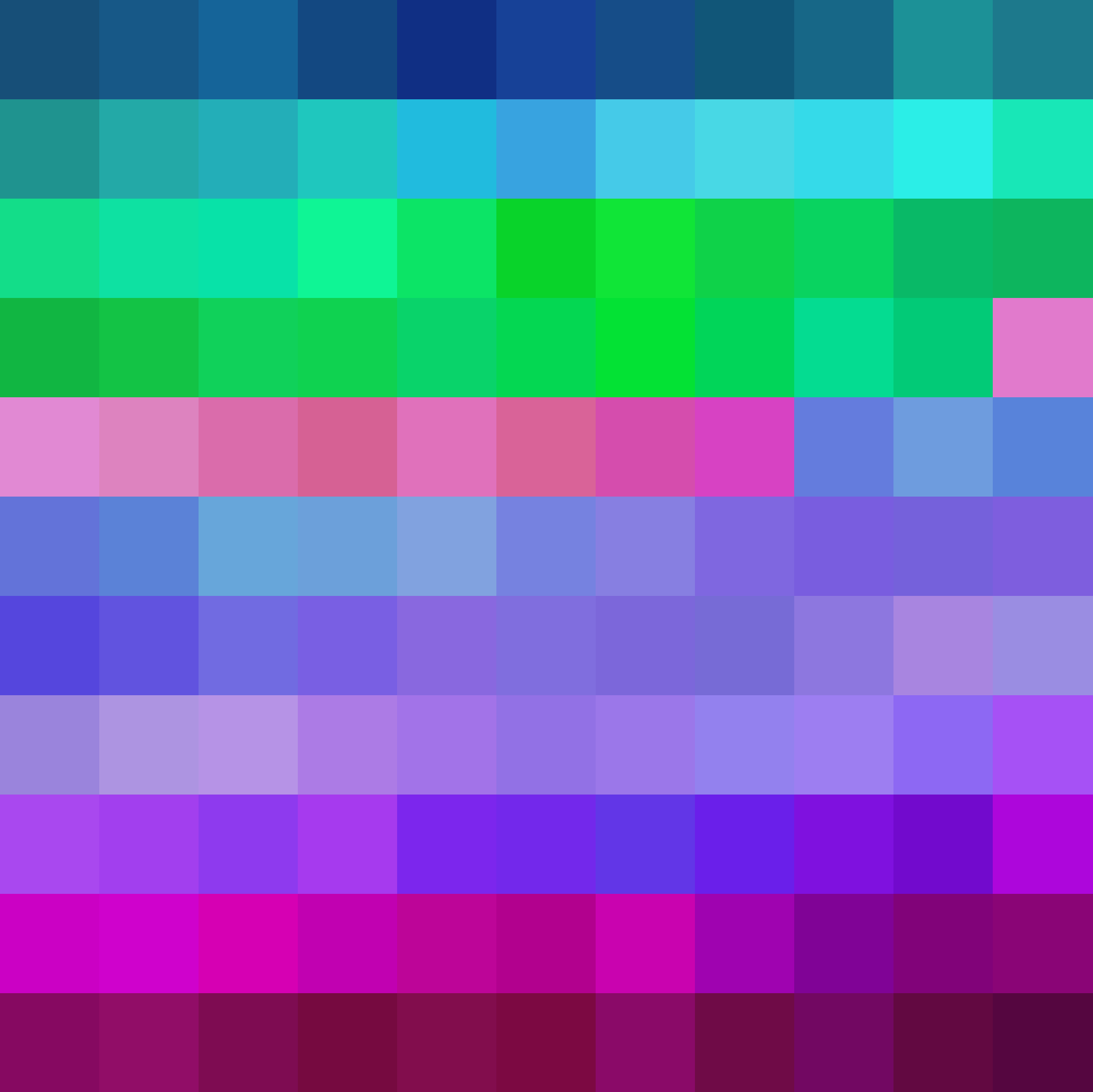
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly blue, and it also has quite some green, some indigo, a little bit of violet, a little bit of yellow, a little bit of purple, a little bit of lime, a little bit of magenta, and a tiny bit of cyan in it.

A very, very colourful grid of 169 blocks. It's mostly orange, but it also has some purple, some blue, some indigo, a bit of magenta, a bit of green, a bit of violet, a little bit of yellow, a little bit of cyan, a little bit of red, and a tiny bit of rose in it.
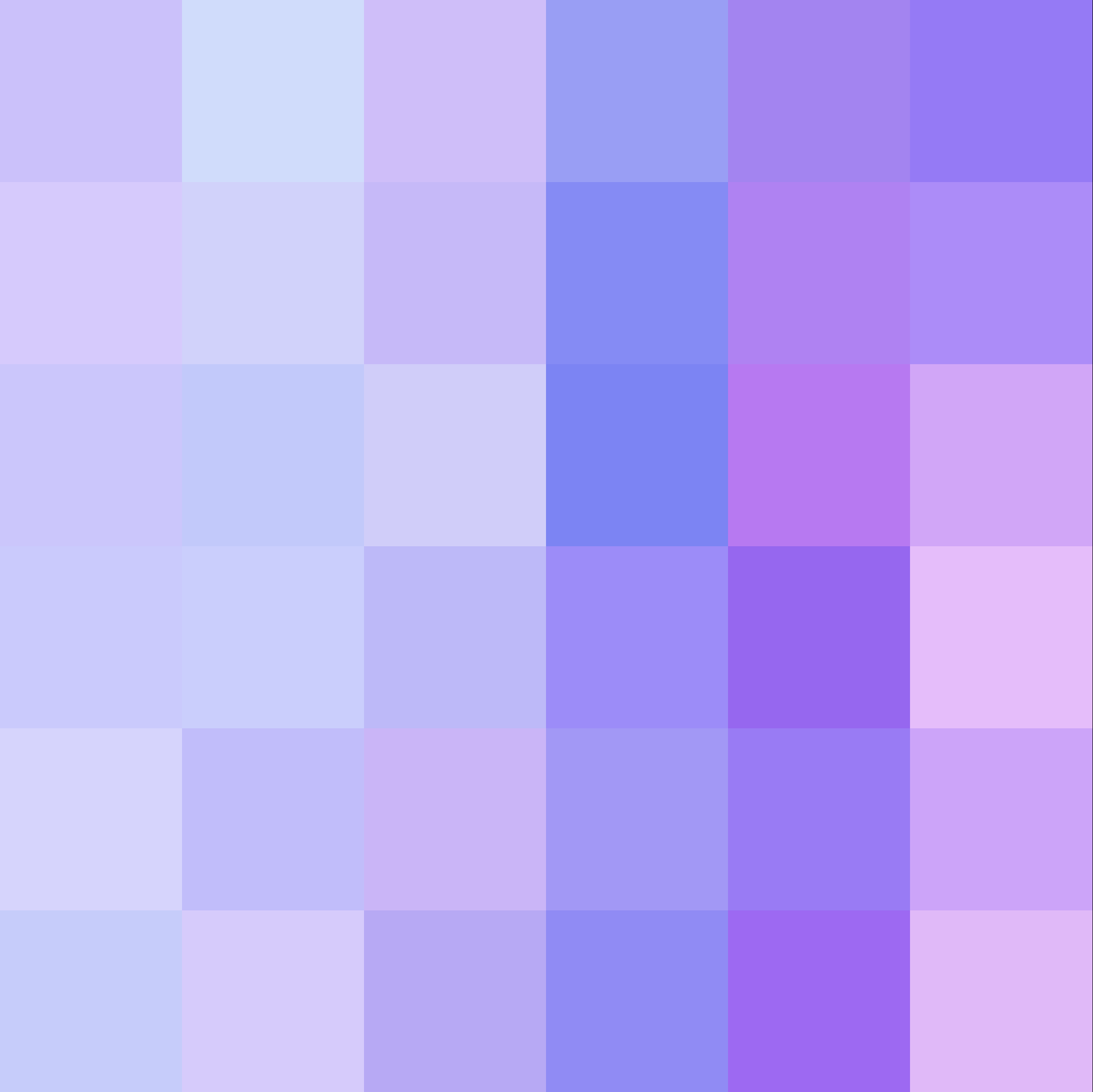
A grid of 100 blocks. It's mostly yellow, but it also has quite some green, some lime, and a bit of orange in it.

The cells in this 11 by 11 pixel grid form a very, very colourful gradient. It is mostly magenta, but it also has some indigo, some green, some blue, some cyan, a bit of violet, a bit of purple, and a little bit of rose in it.

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

There's a pixel gradient in this 6 by 6 grid. It is mostly indigo, and it also has quite some blue, some violet, and some purple in it.

A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly yellow, but it also has quite some orange, some lime, and a bit of green in it.
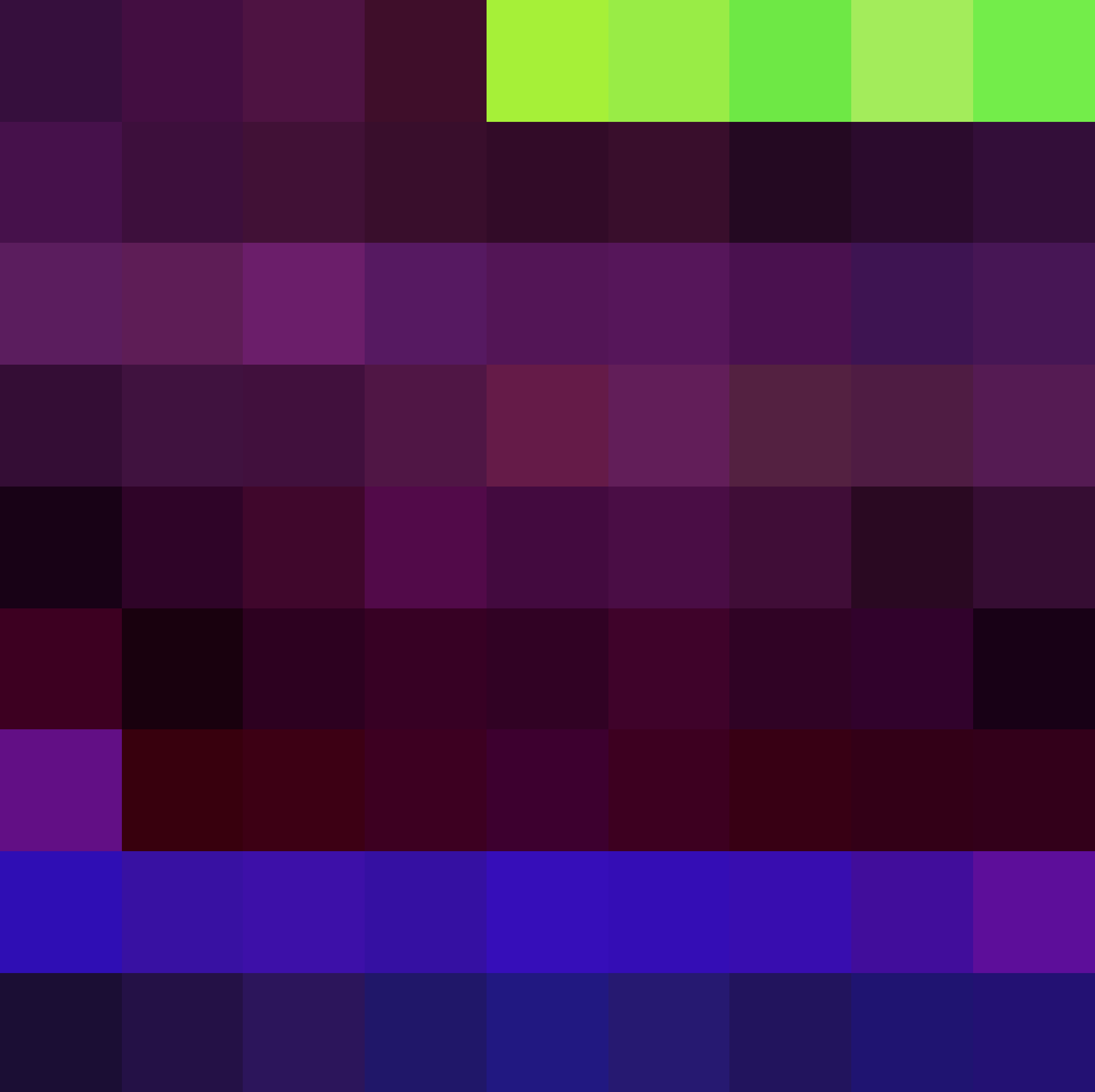
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly magenta, and it also has a lot of purple in it.
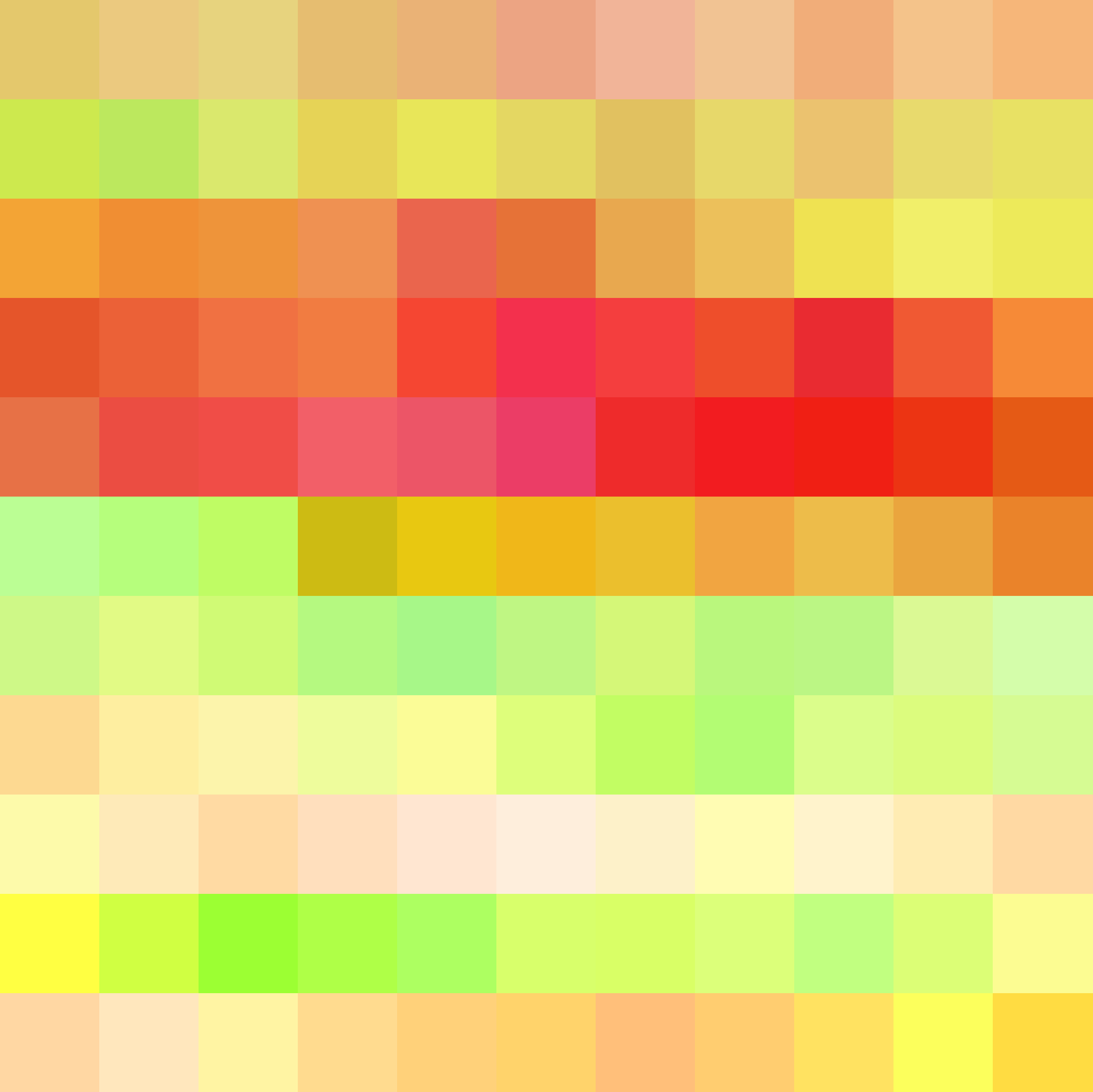
A 13 by 13 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly red, but it also has some orange, some yellow, a little bit of lime, and a tiny bit of green in it.
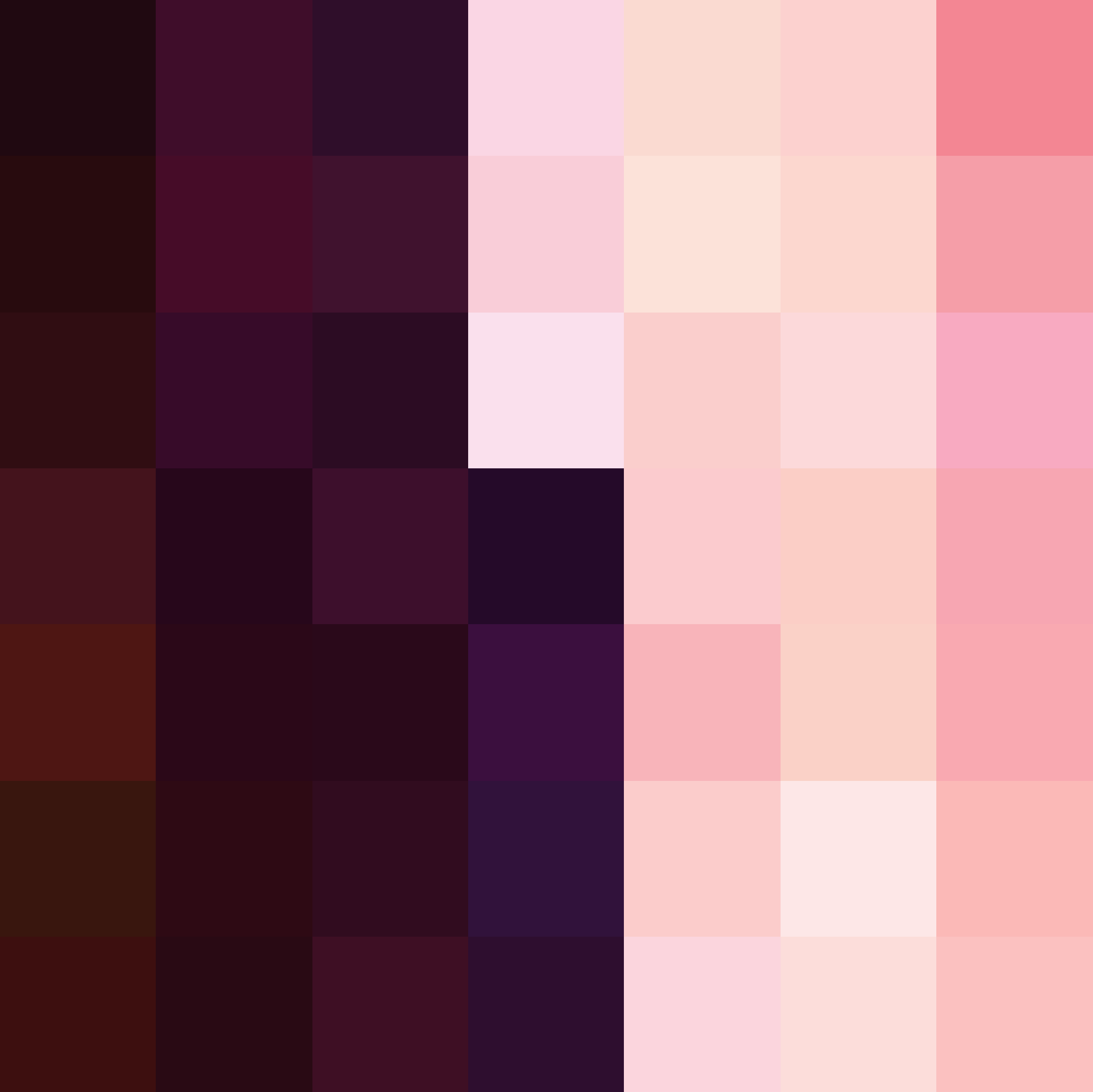
The very colourful gradient in this 15 by 15 pixel grid is mostly magenta, and it also has quite some purple, some rose, a bit of violet, a little bit of red, a little bit of indigo, and a little bit of green in it.
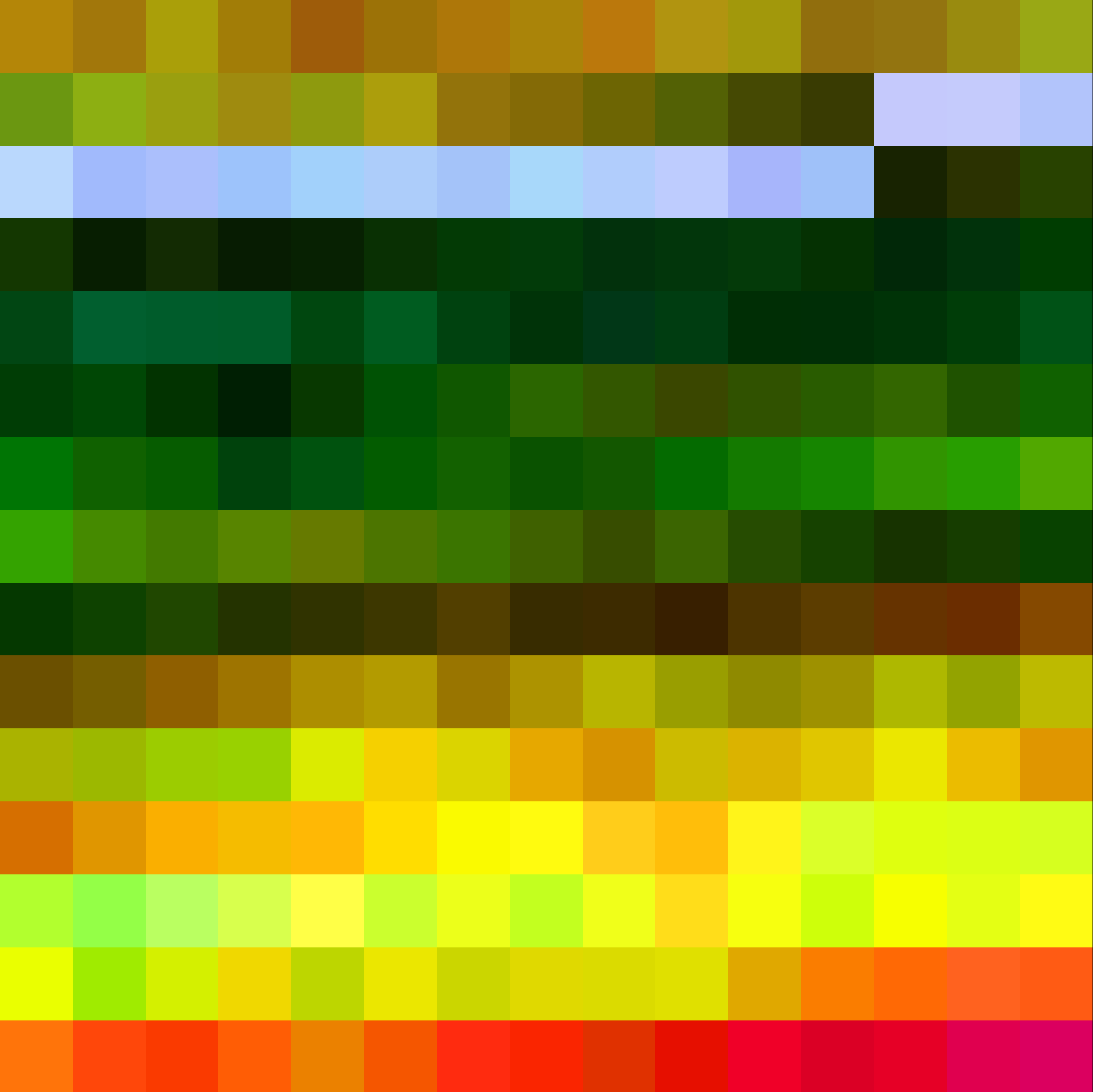
The very colourful gradient in this 9 by 9 pixel grid is mostly magenta, but it also has some indigo, a bit of rose, a bit of purple, a little bit of green, a tiny bit of violet, and a tiny bit of red in it.
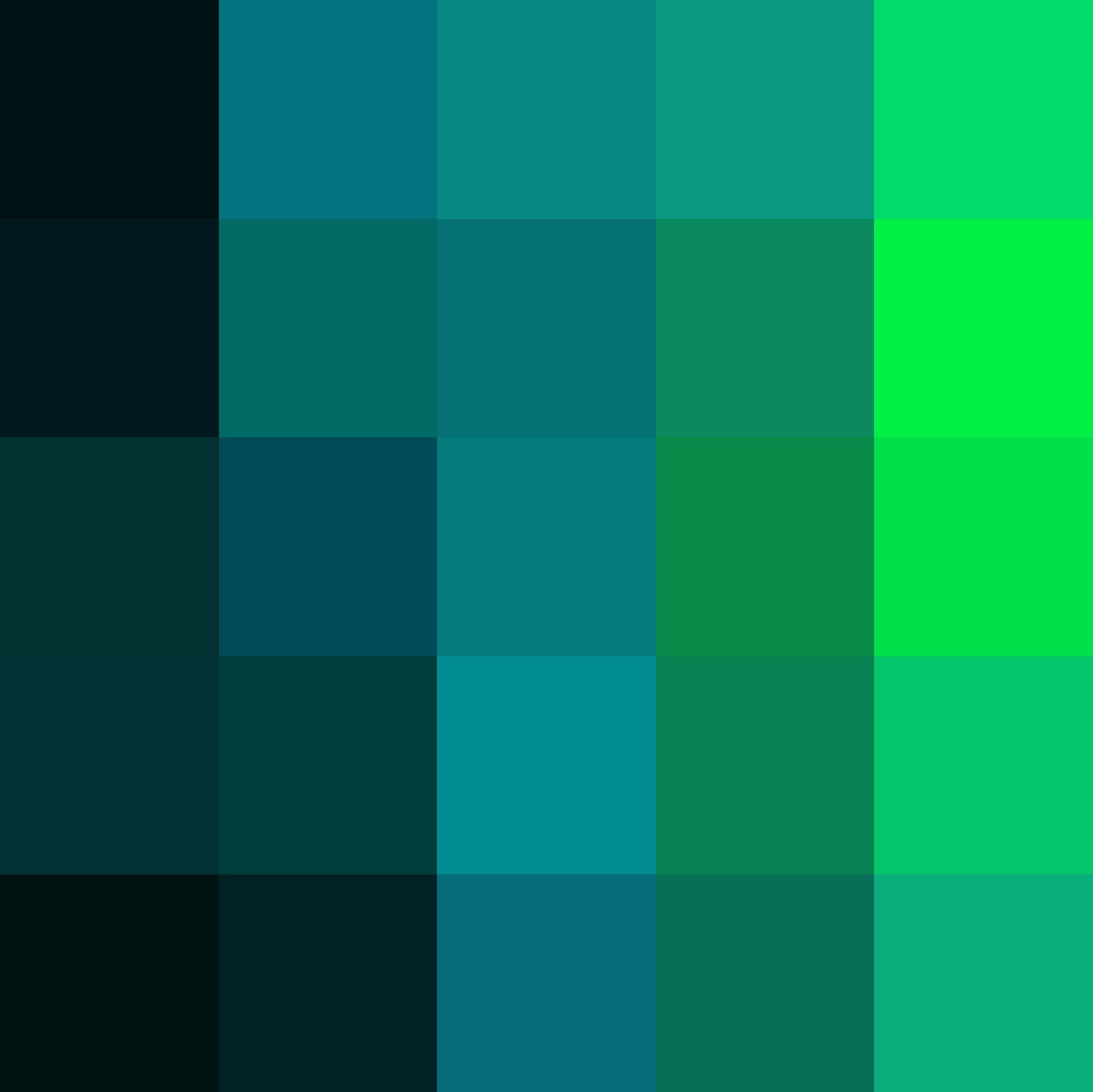
Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly orange, but it also has quite some yellow, some red, some green, and some lime in it.
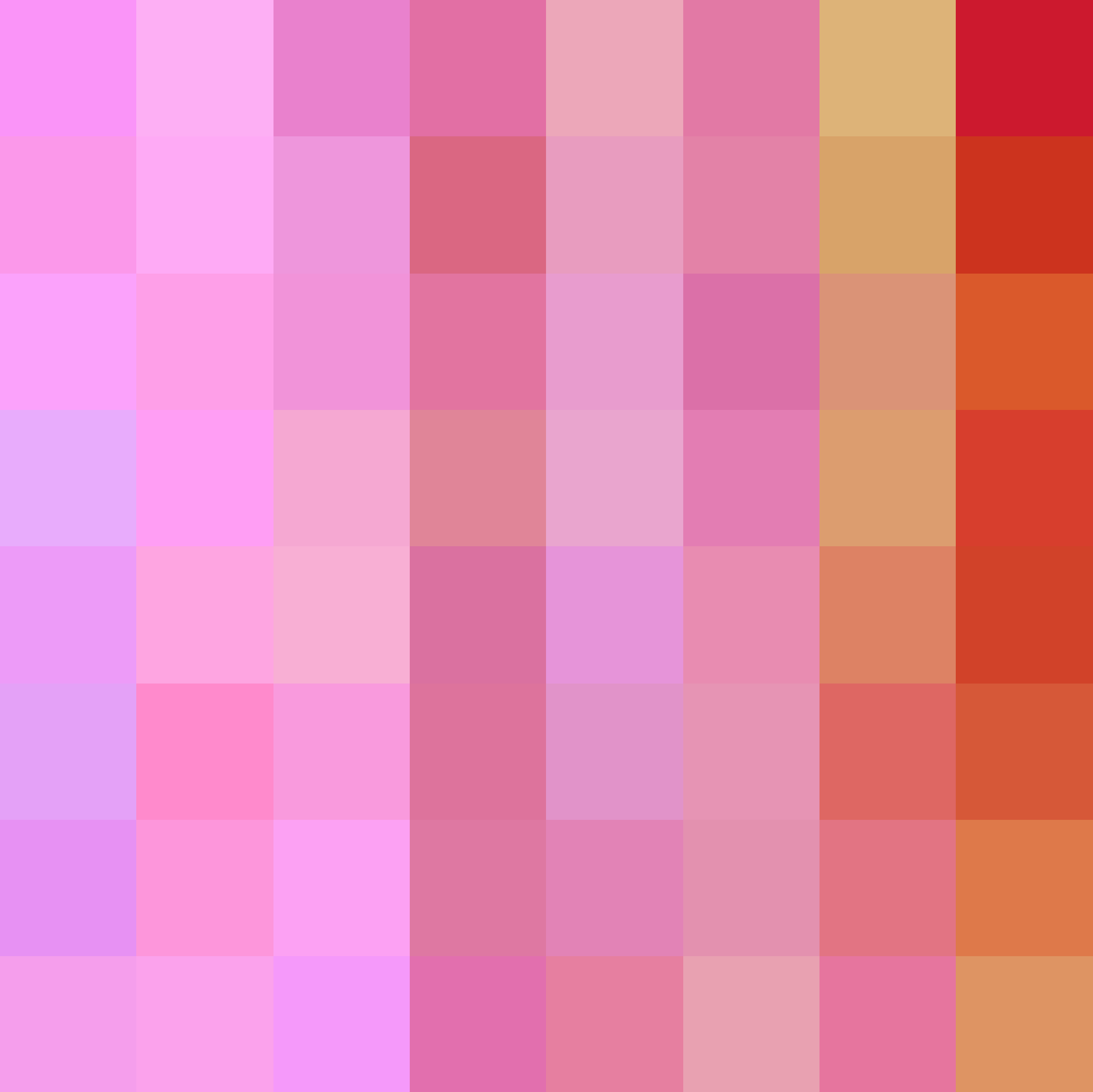
The two tone gradient in this 7 by 7 pixel grid is mostly red, and it also has a little bit of rose in it.

The very colourful gradient in this 15 by 15 pixel grid is mostly green, but it also has quite some yellow, some orange, a bit of blue, a little bit of lime, and a little bit of red in it.
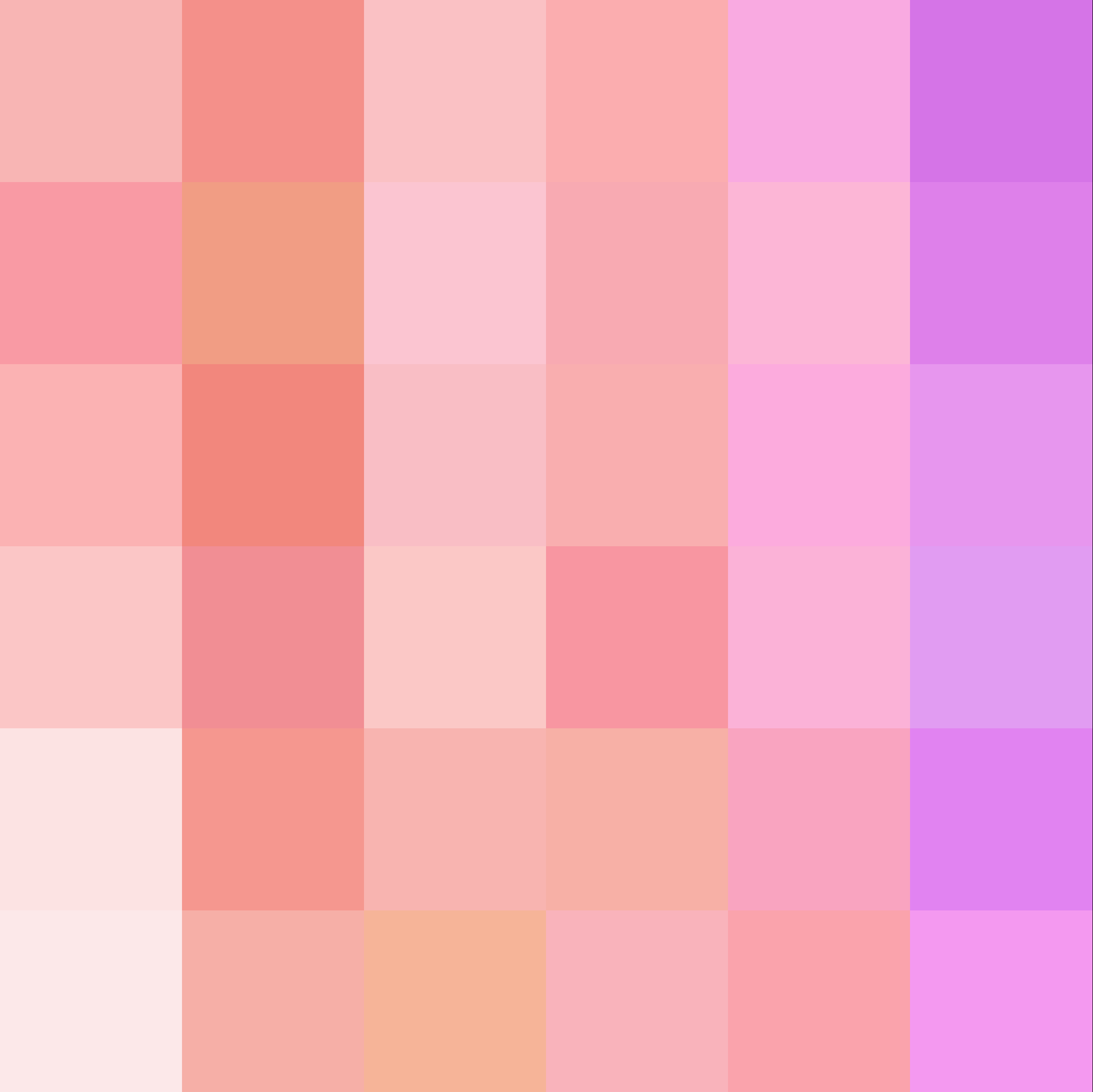
A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly cyan, and it also has quite some green in it.
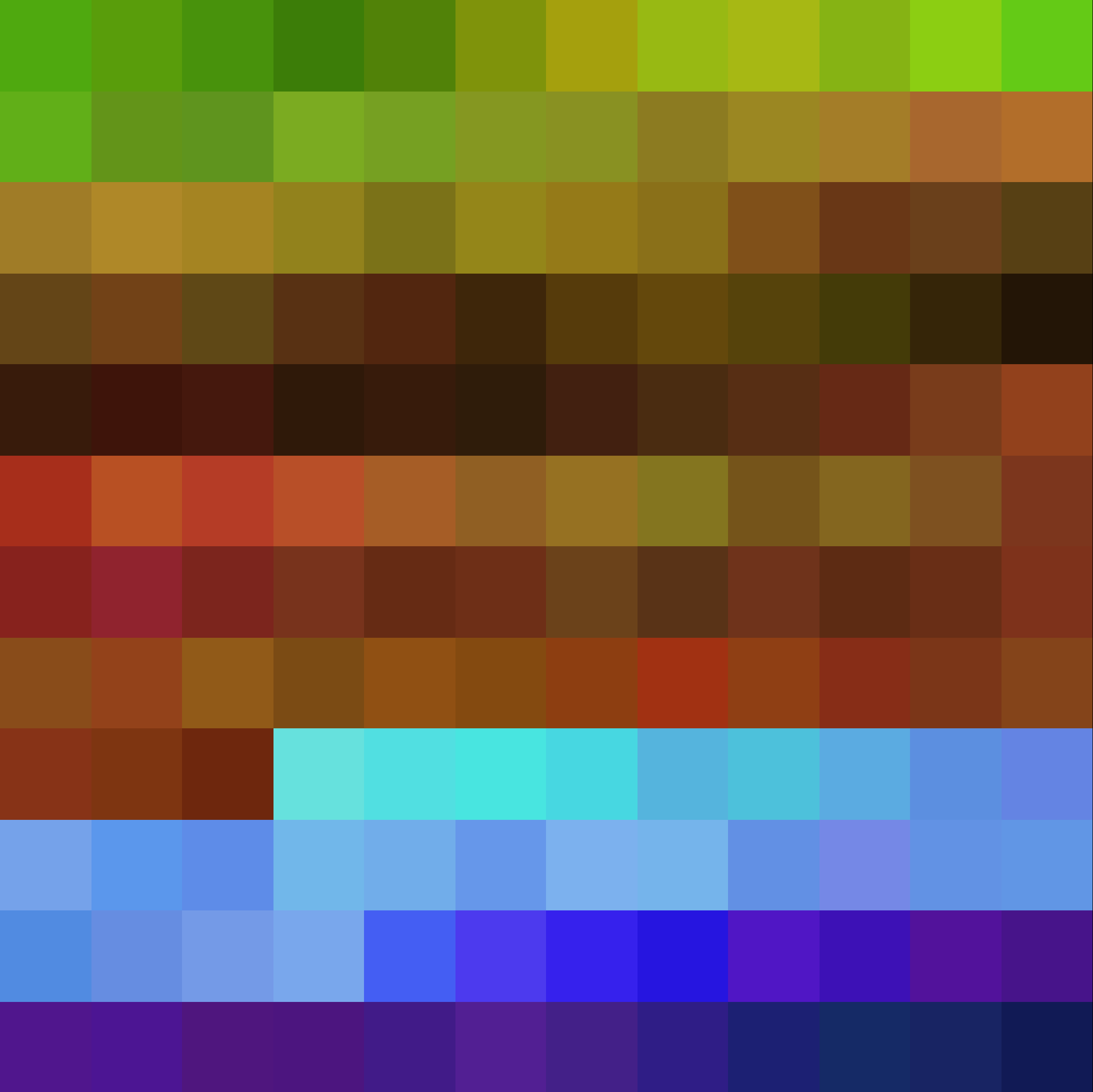
There's a colourful pixel gradient in this 8 by 8 grid. It is mostly magenta, and it also has quite some rose, some red, some orange, and a little bit of purple in it.
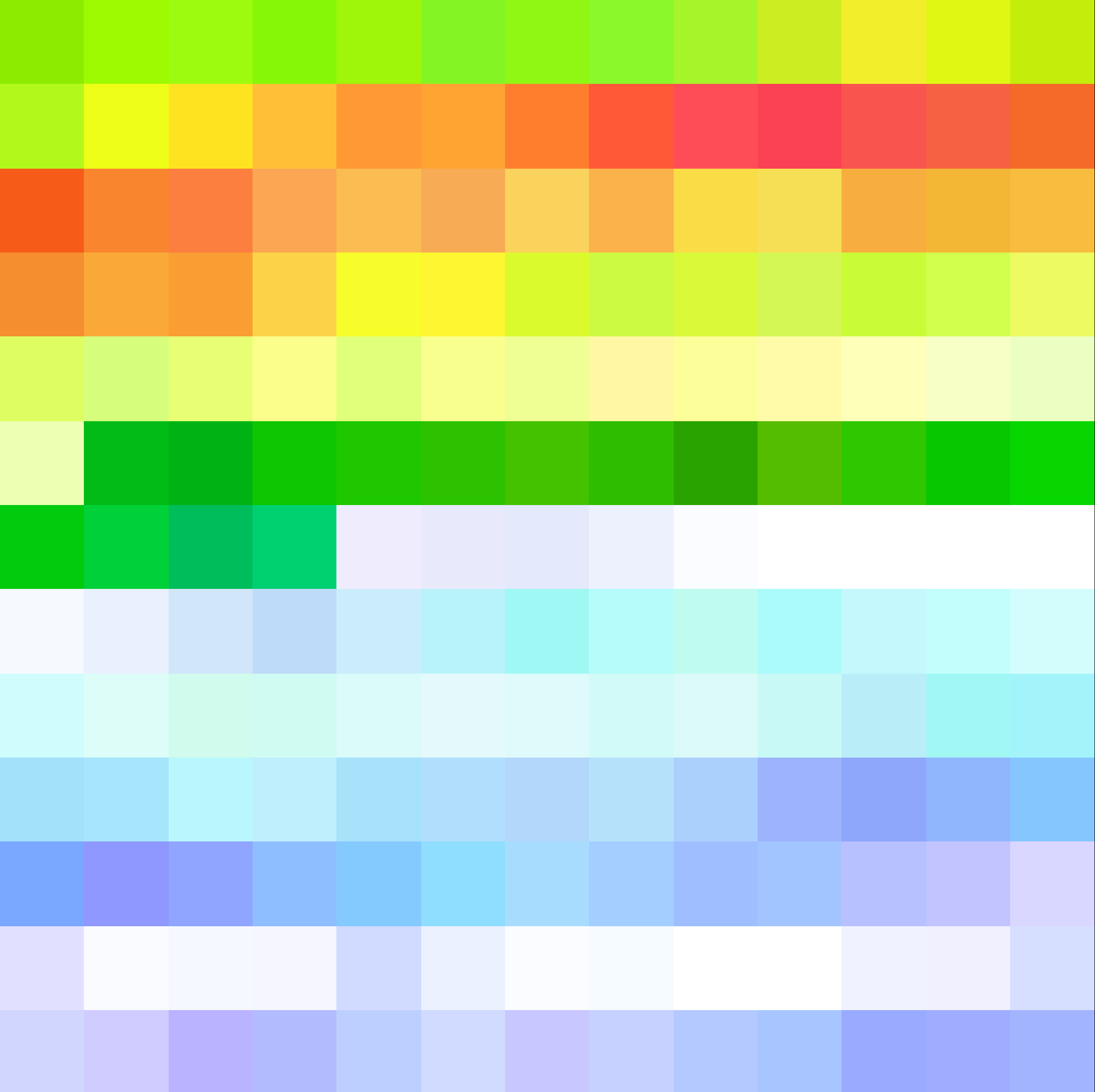
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly red, and it also has quite some green, some rose, some orange, a little bit of magenta, and a tiny bit of yellow in it.
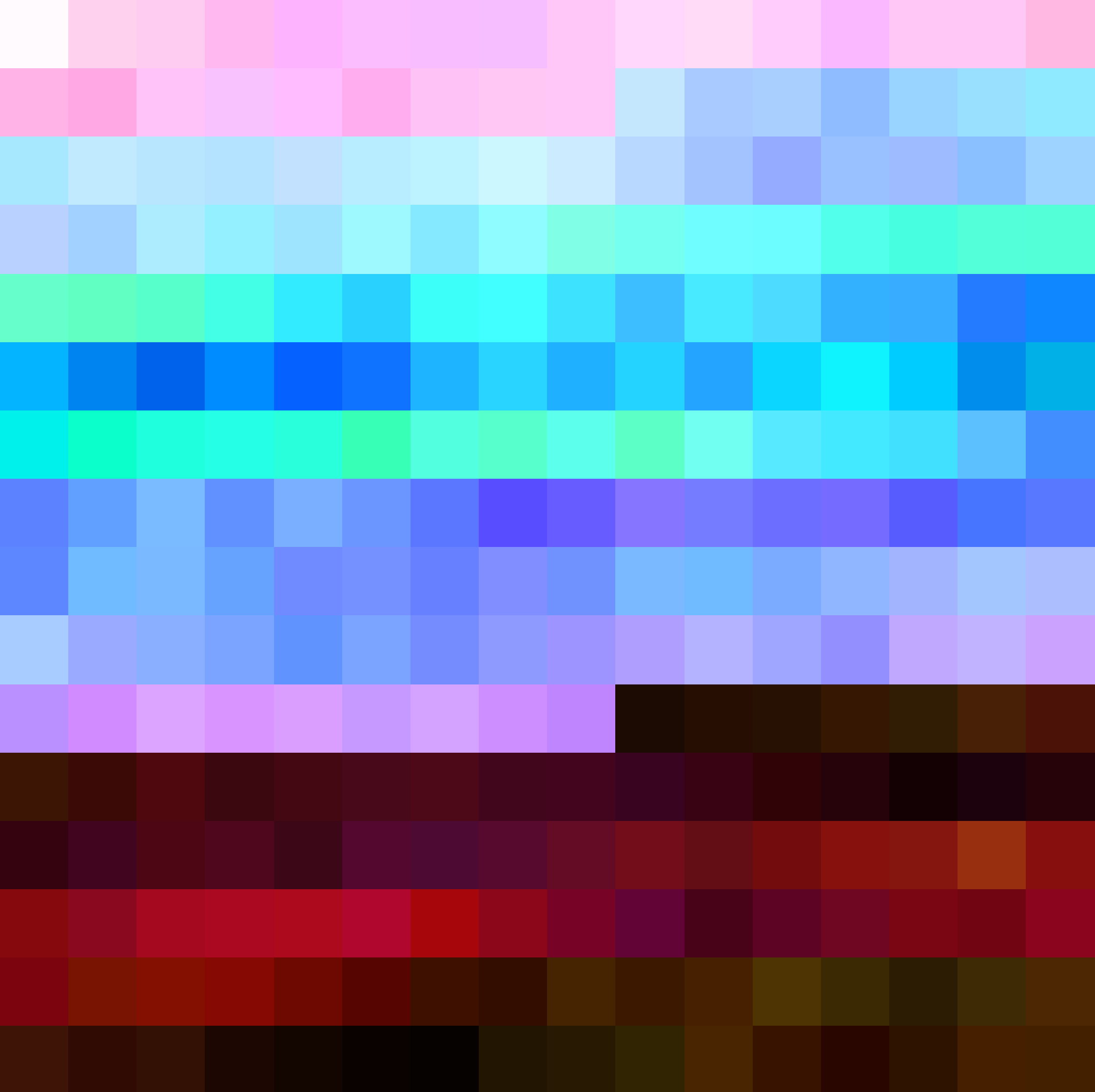
The cells in this 6 by 6 pixel grid form a colourful gradient. It is mostly red, and it also has some magenta, a bit of rose, a bit of purple, and a little bit of orange in it.
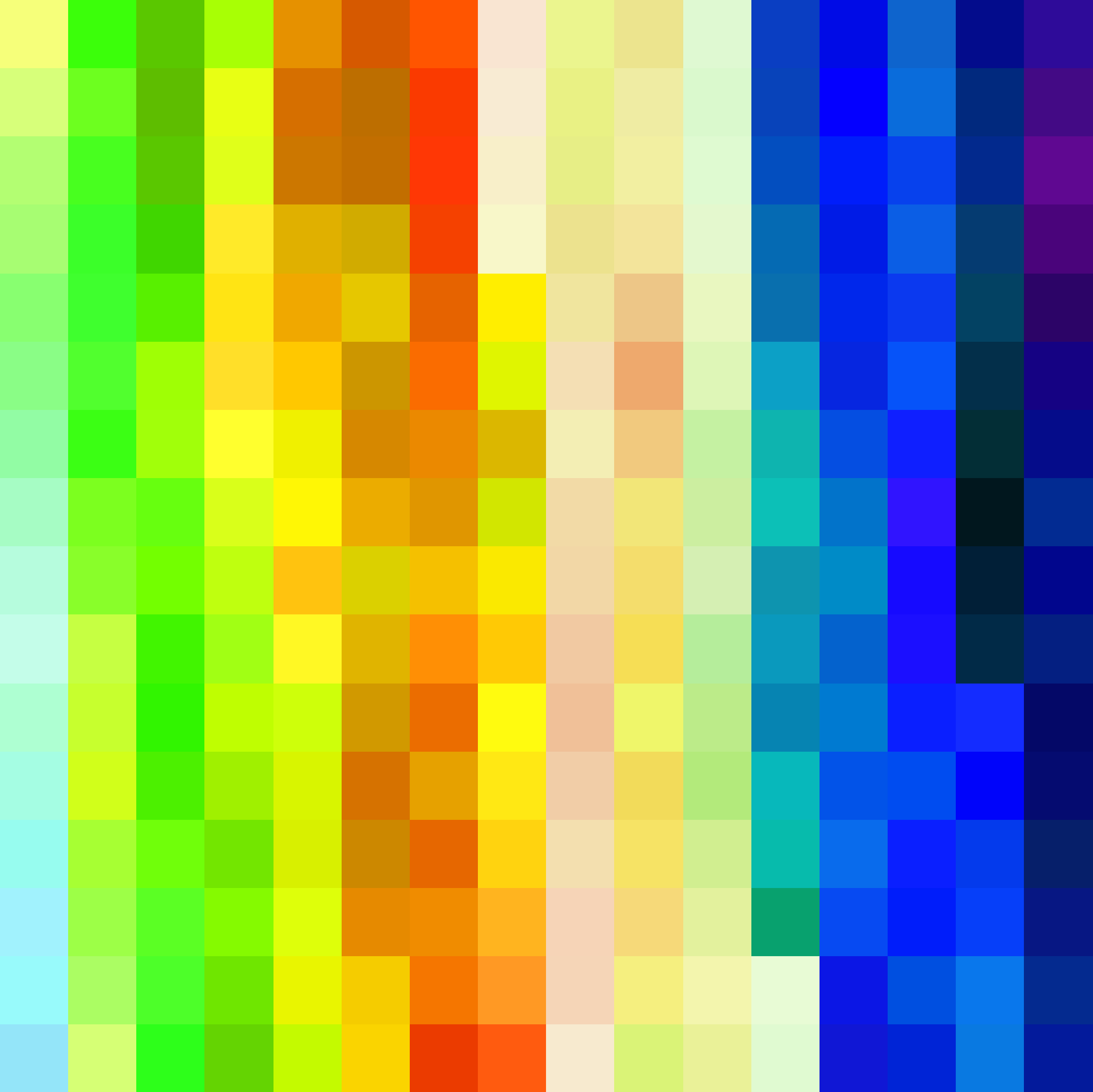
The very, very colourful gradient in this 12 by 12 pixel grid is mostly orange, but it also has some blue, a bit of yellow, a bit of red, a bit of green, a little bit of indigo, a little bit of violet, a little bit of cyan, a tiny bit of lime, and a tiny bit of purple in it.

A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some green, some yellow, some cyan, some orange, a little bit of lime, a little bit of indigo, and a little bit of red in it.
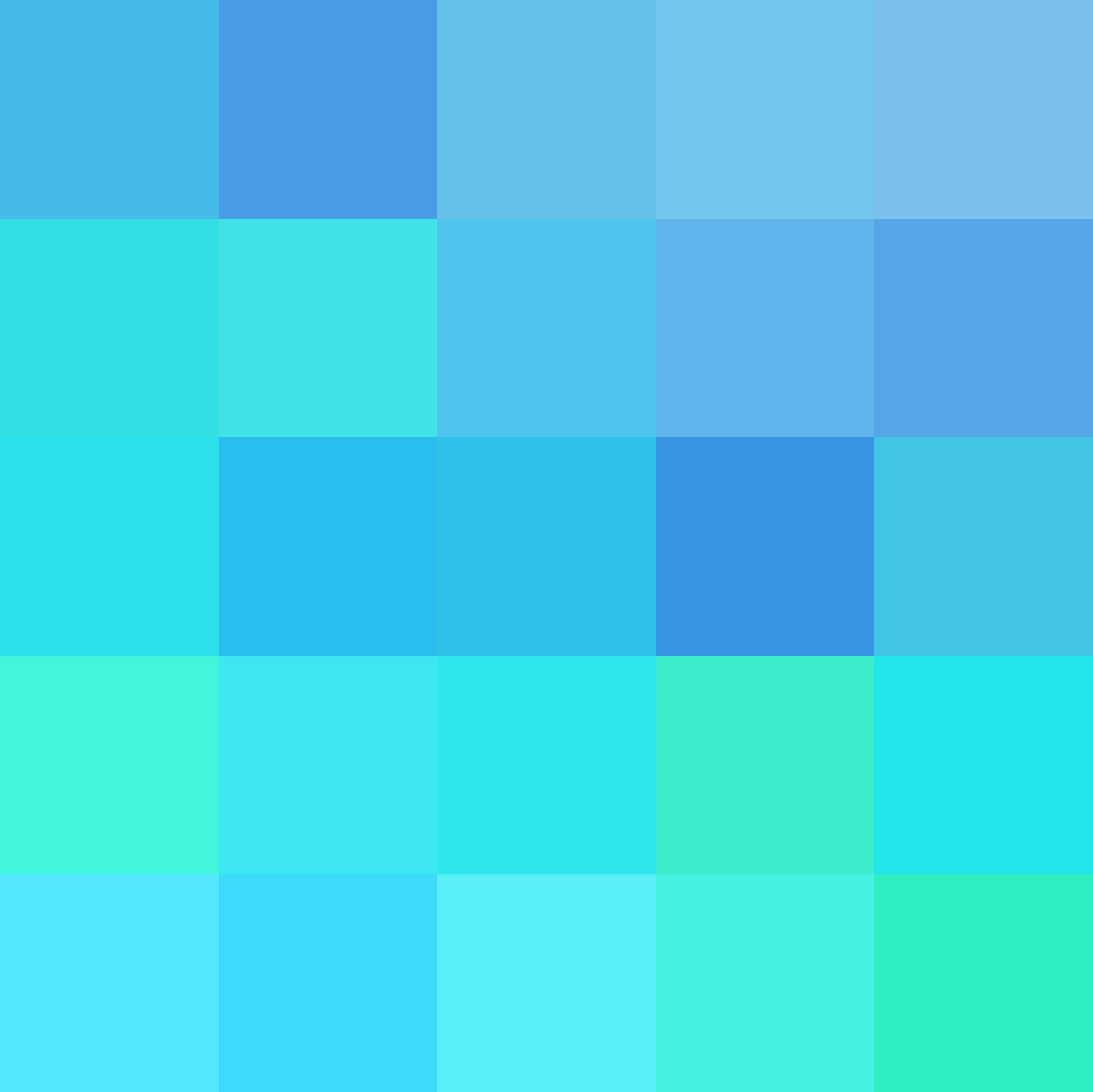
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly blue, but it also has quite some red, some cyan, some orange, a bit of magenta, a little bit of indigo, a tiny bit of green, a tiny bit of purple, and a tiny bit of violet in it.
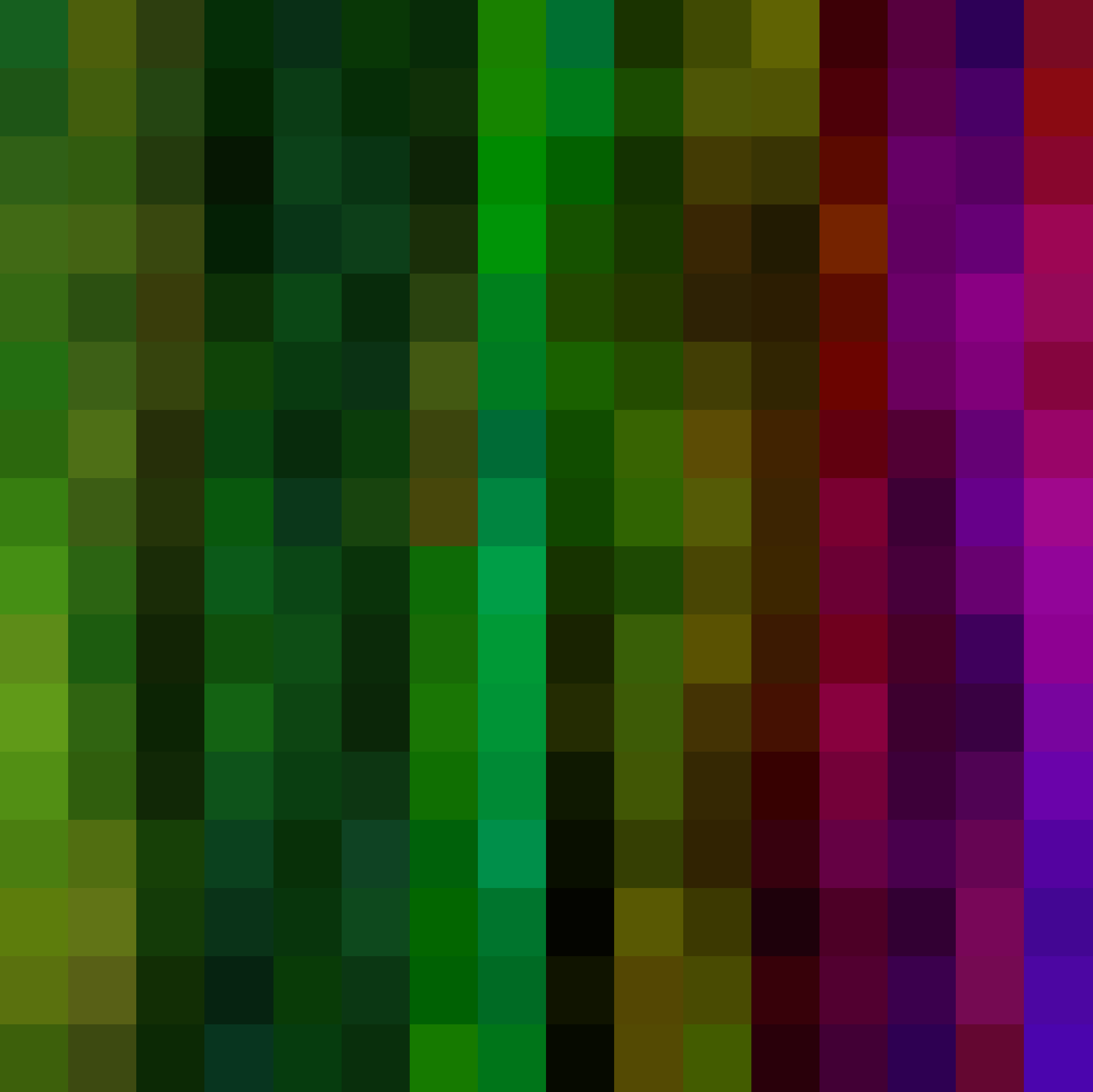
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, but it also has quite some blue, quite some yellow, some orange, a little bit of cyan, a little bit of lime, a tiny bit of indigo, a tiny bit of red, a tiny bit of violet, and a tiny bit of purple in it.
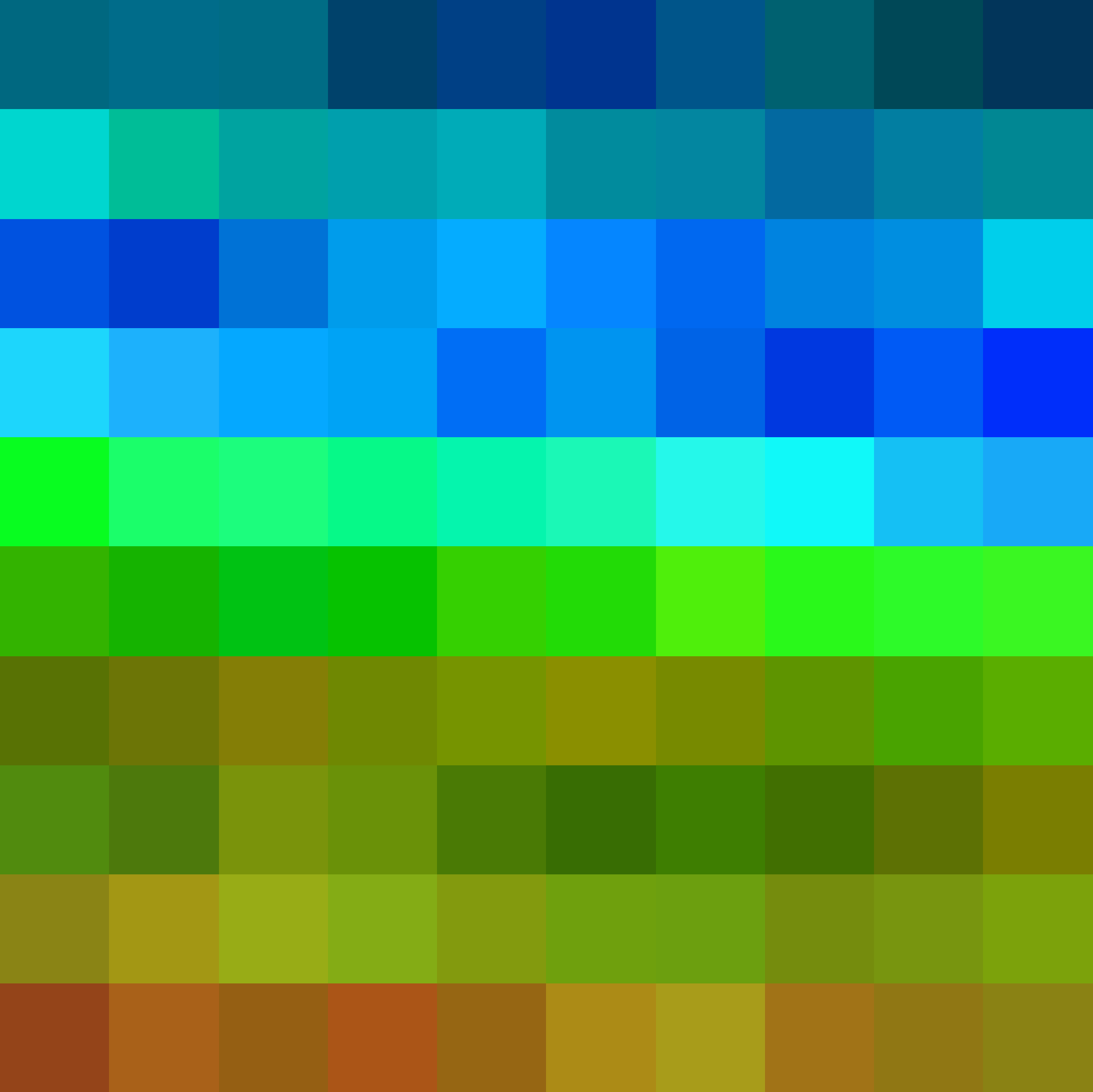
A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has some magenta in it.
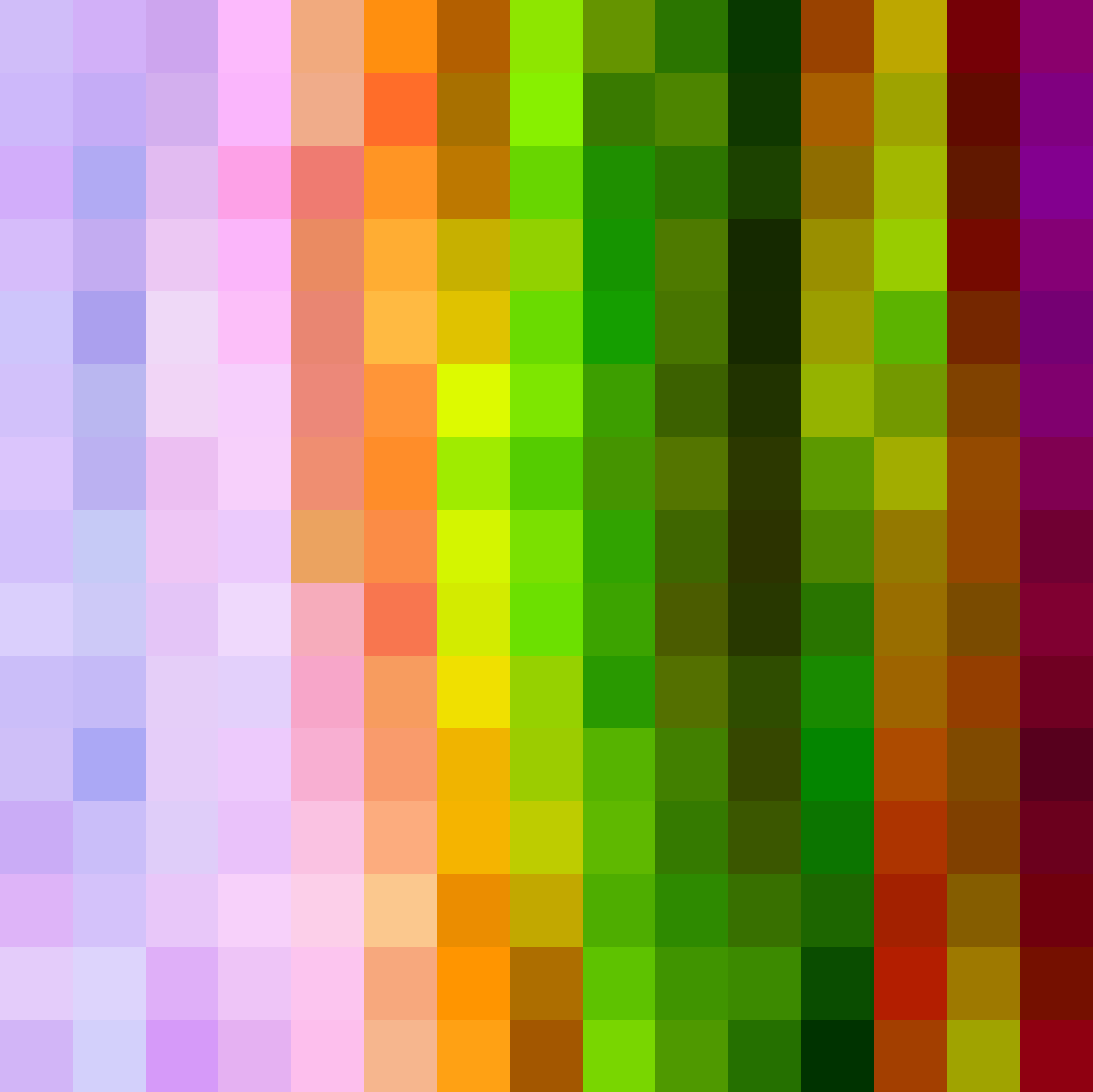
The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly cyan, but it also has quite some blue in it.
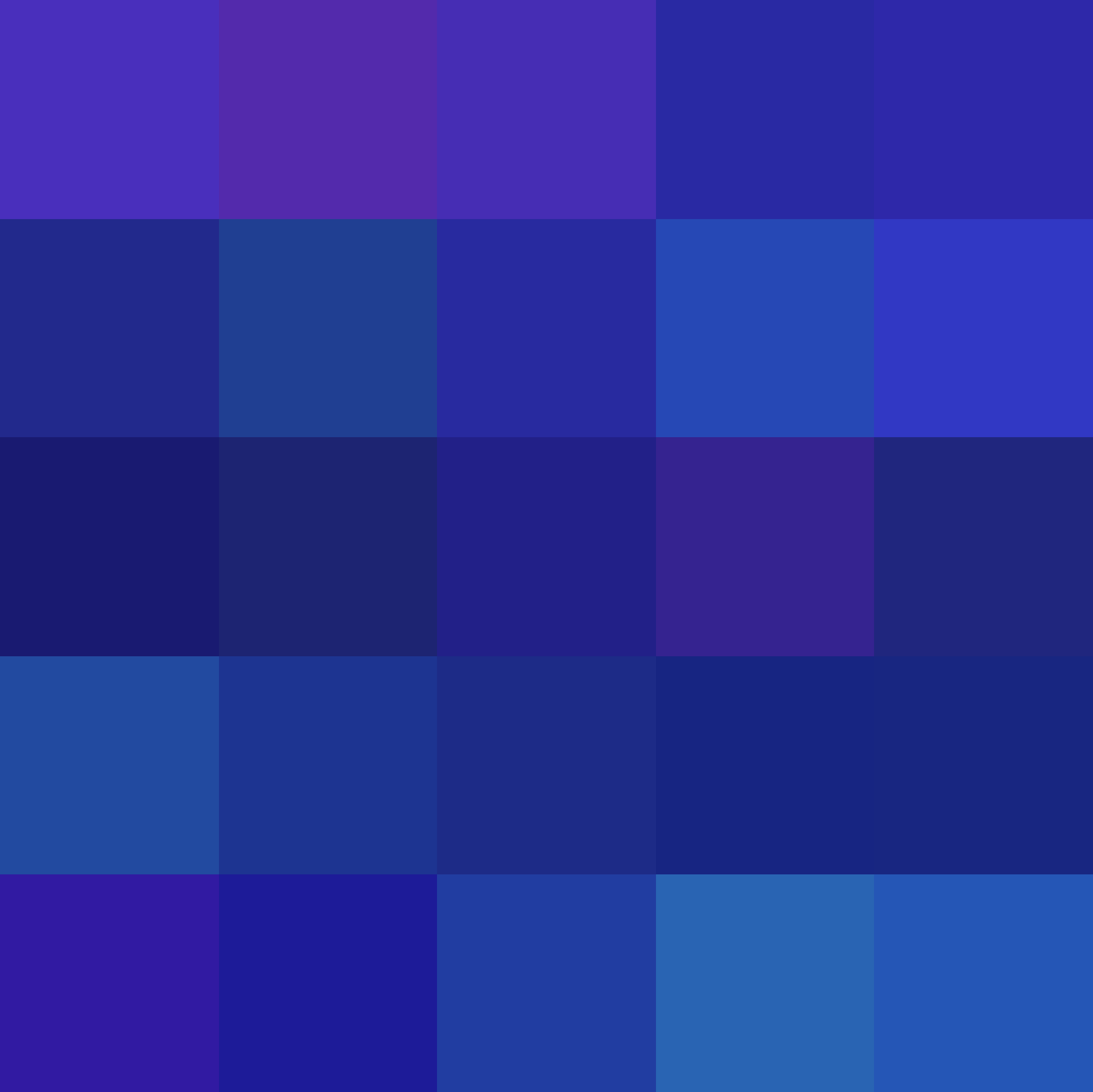
The colourful gradient in this 16 by 16 pixel grid is mostly green, and it also has quite some red, a bit of yellow, a little bit of lime, and a little bit of orange in it.
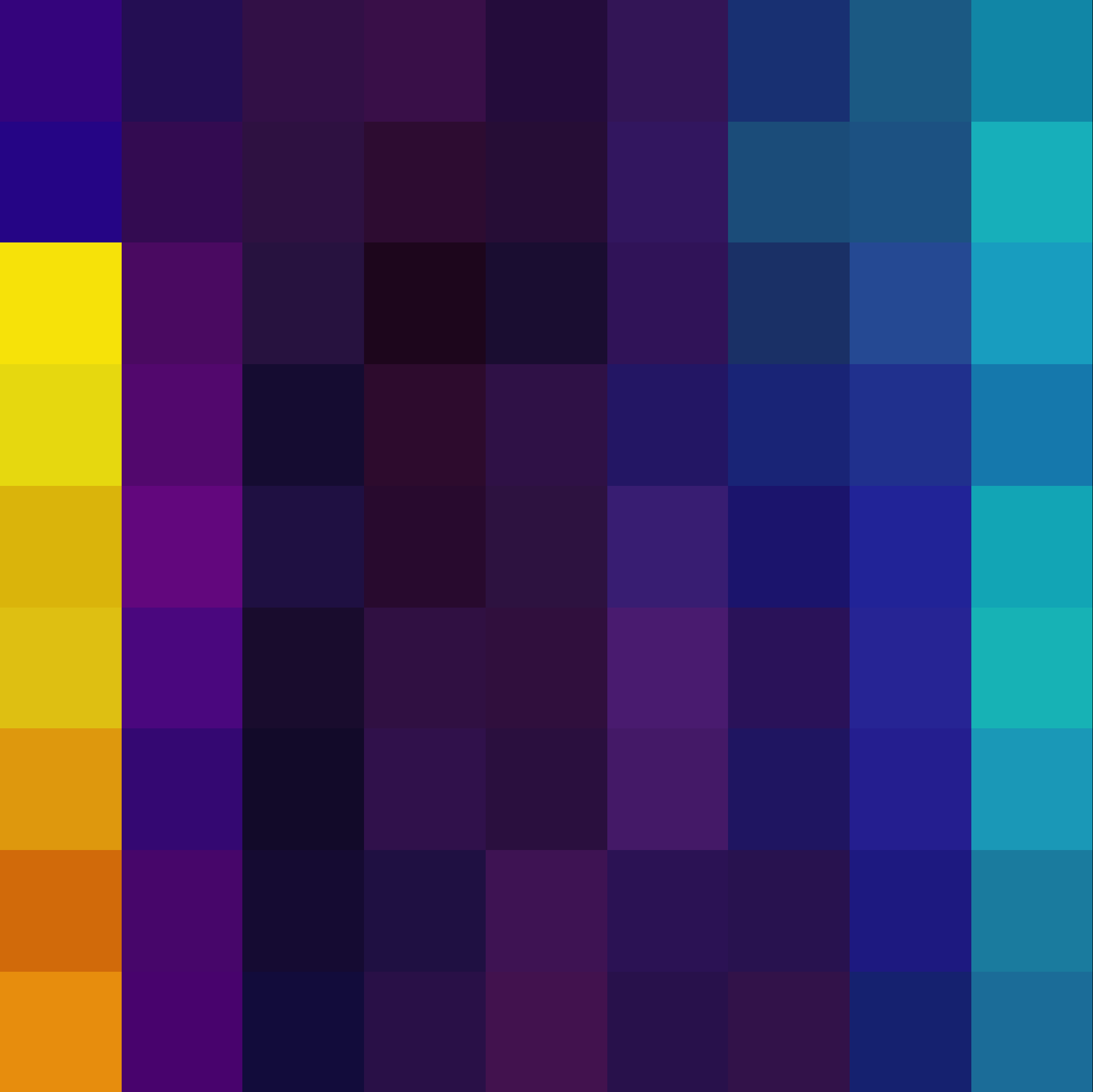
A grid with 100 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, some cyan, some yellow, a bit of lime, and a little bit of orange in it.

There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly green, but it also has quite some orange, some red, a bit of purple, a bit of indigo, a bit of yellow, a little bit of lime, a little bit of magenta, a little bit of violet, a tiny bit of rose, and a tiny bit of blue in it.
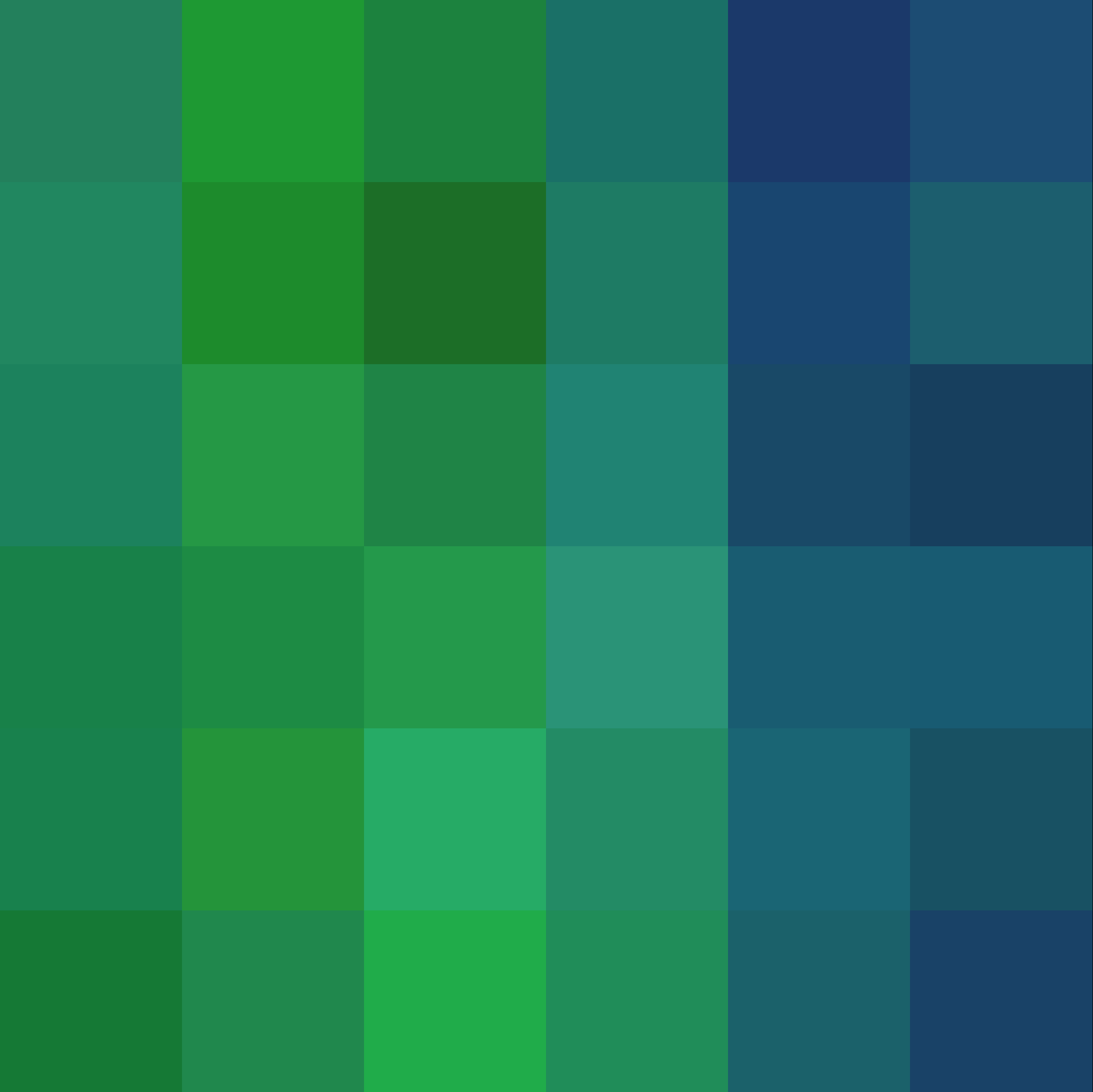
Here's a 5 by 5 pixelated grid that forms a two tone gradient. It is mostly blue, and it also has quite some indigo in it.
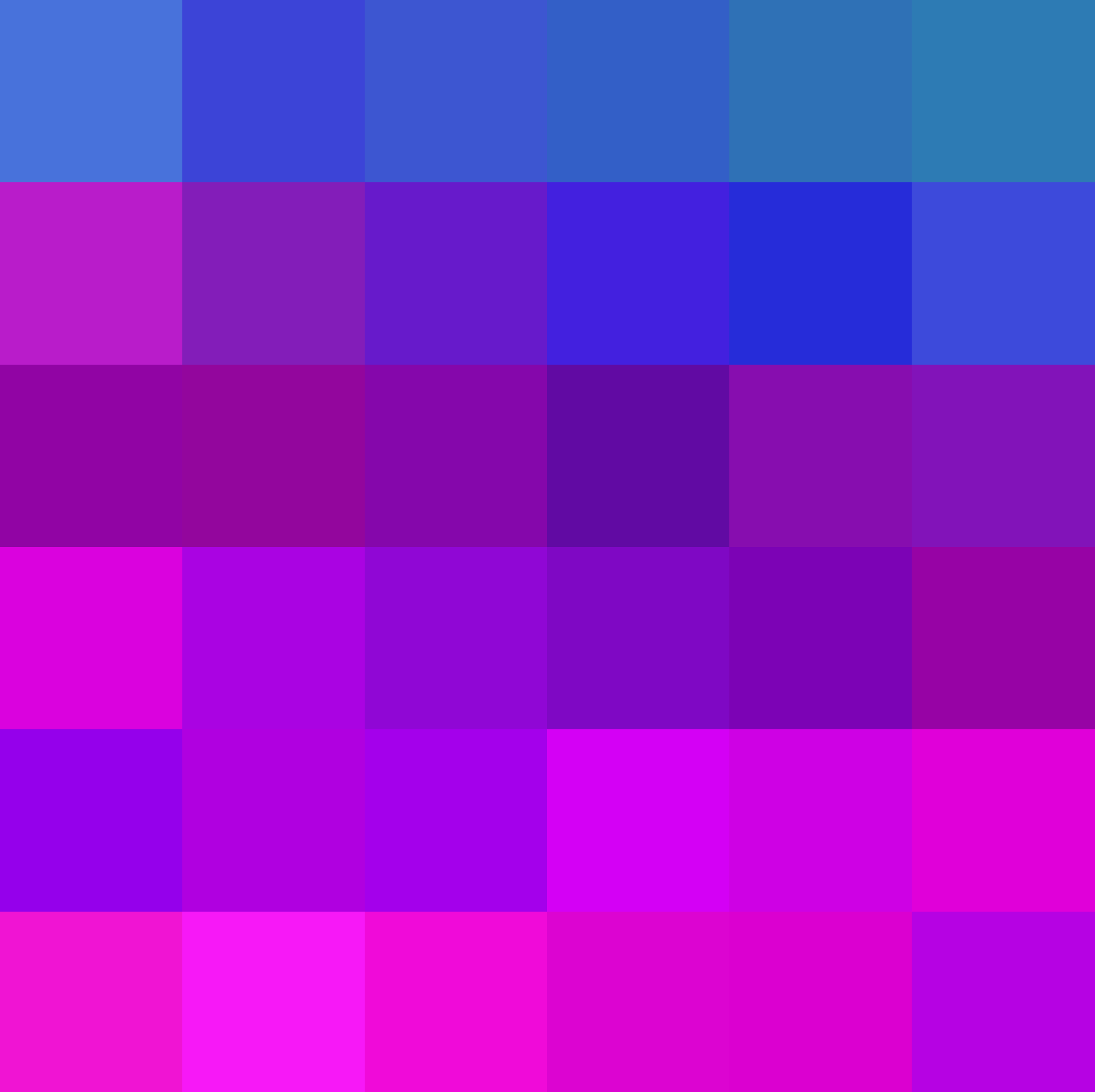
This very, very colourful gradient, generated in this 9 by 9 pixel grid, is mostly purple, but it also has quite some indigo, some blue, some violet, a bit of cyan, a little bit of yellow, a little bit of orange, and a little bit of magenta in it.

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

Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly green, but it also has quite some blue, and some cyan in it.
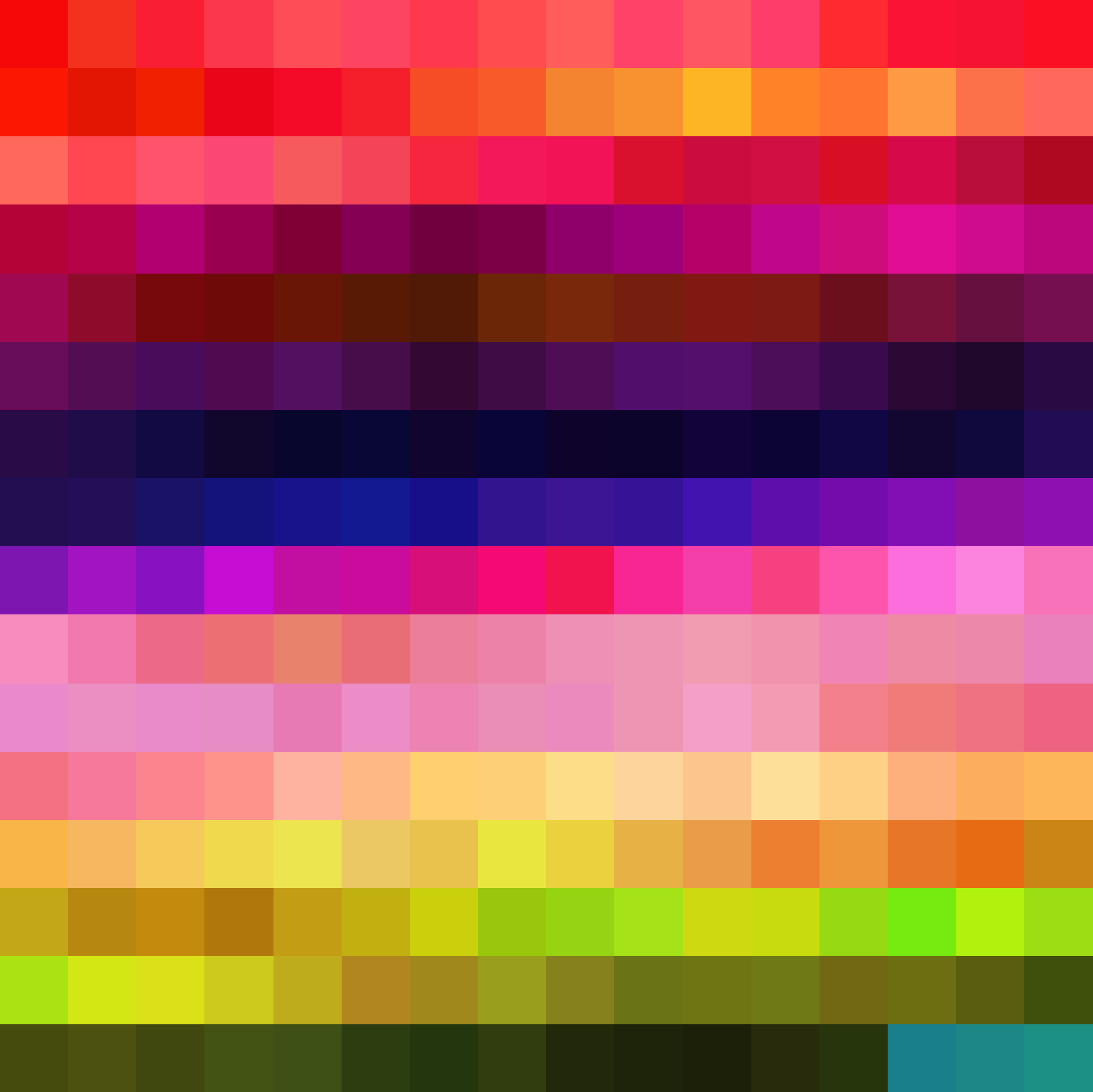
There's a colourful pixel gradient in this 6 by 6 grid. It is mostly purple, but it also has quite some magenta, quite some blue, a little bit of indigo, and a little bit of violet in it.
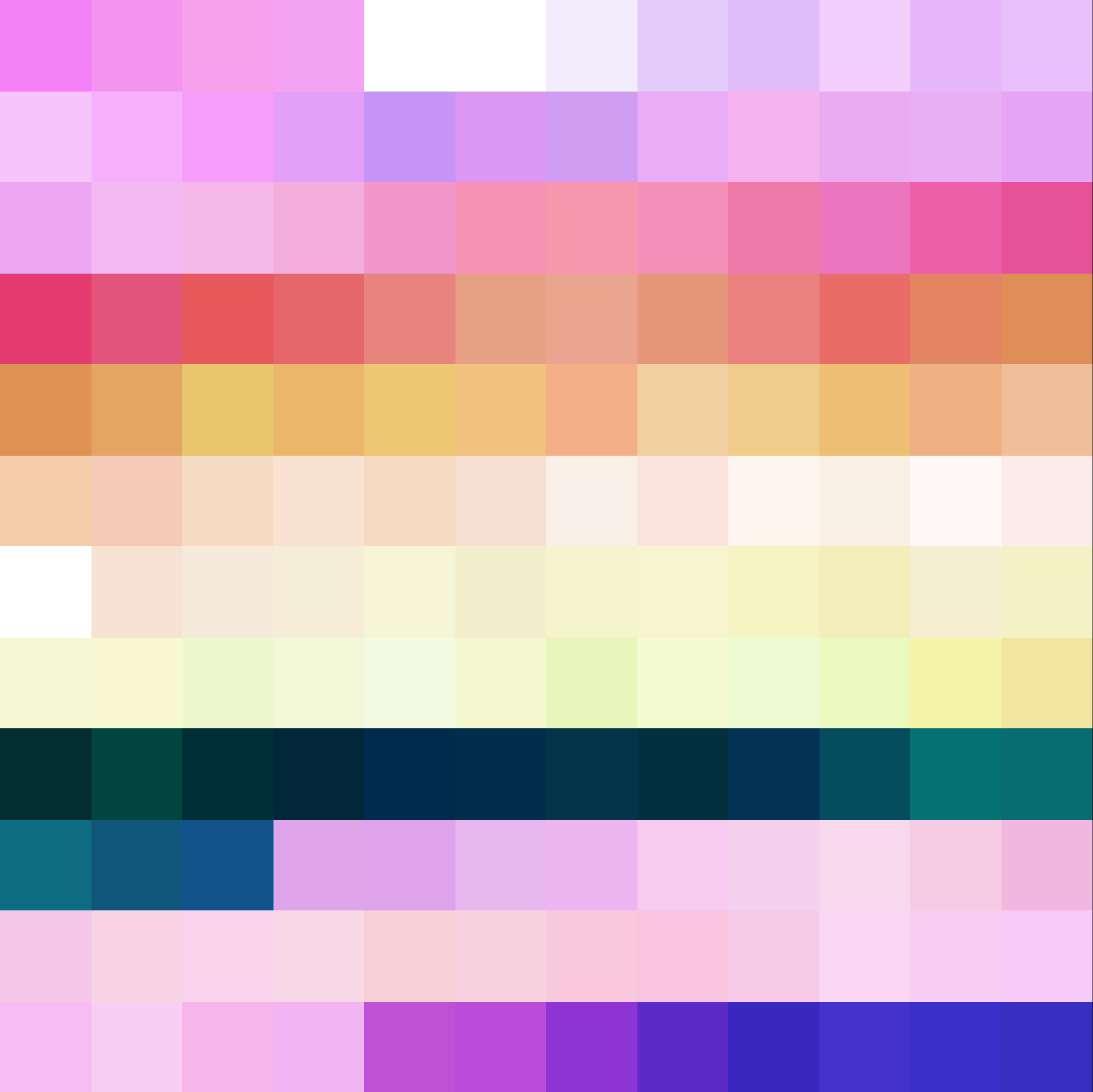
The very colourful gradient in this 9 by 9 pixel grid is mostly green, but it also has quite some rose, quite some red, some magenta, a bit of yellow, and a little bit of lime in it.
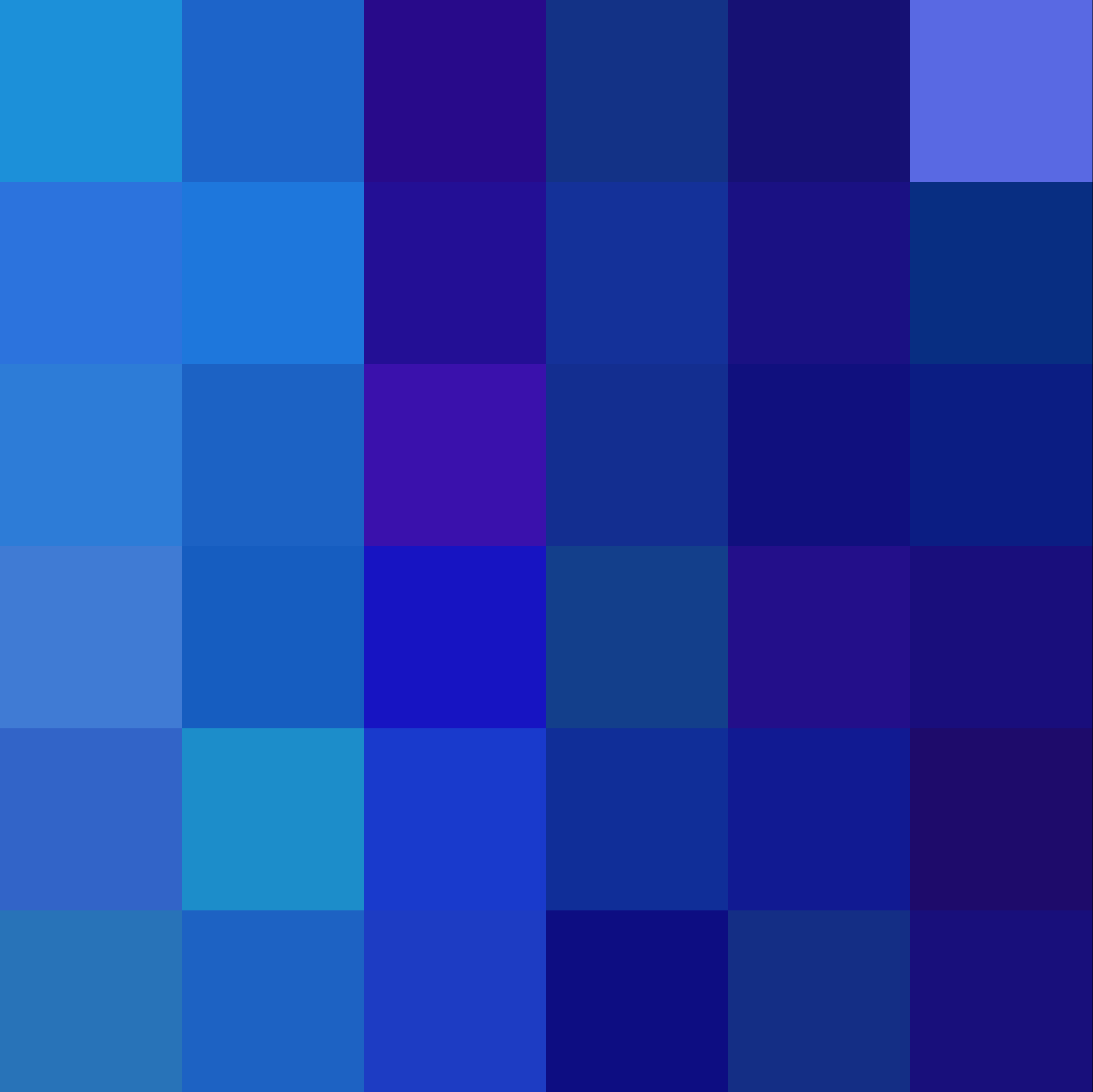
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly yellow, but it also has quite some orange, and a little bit of green in it.
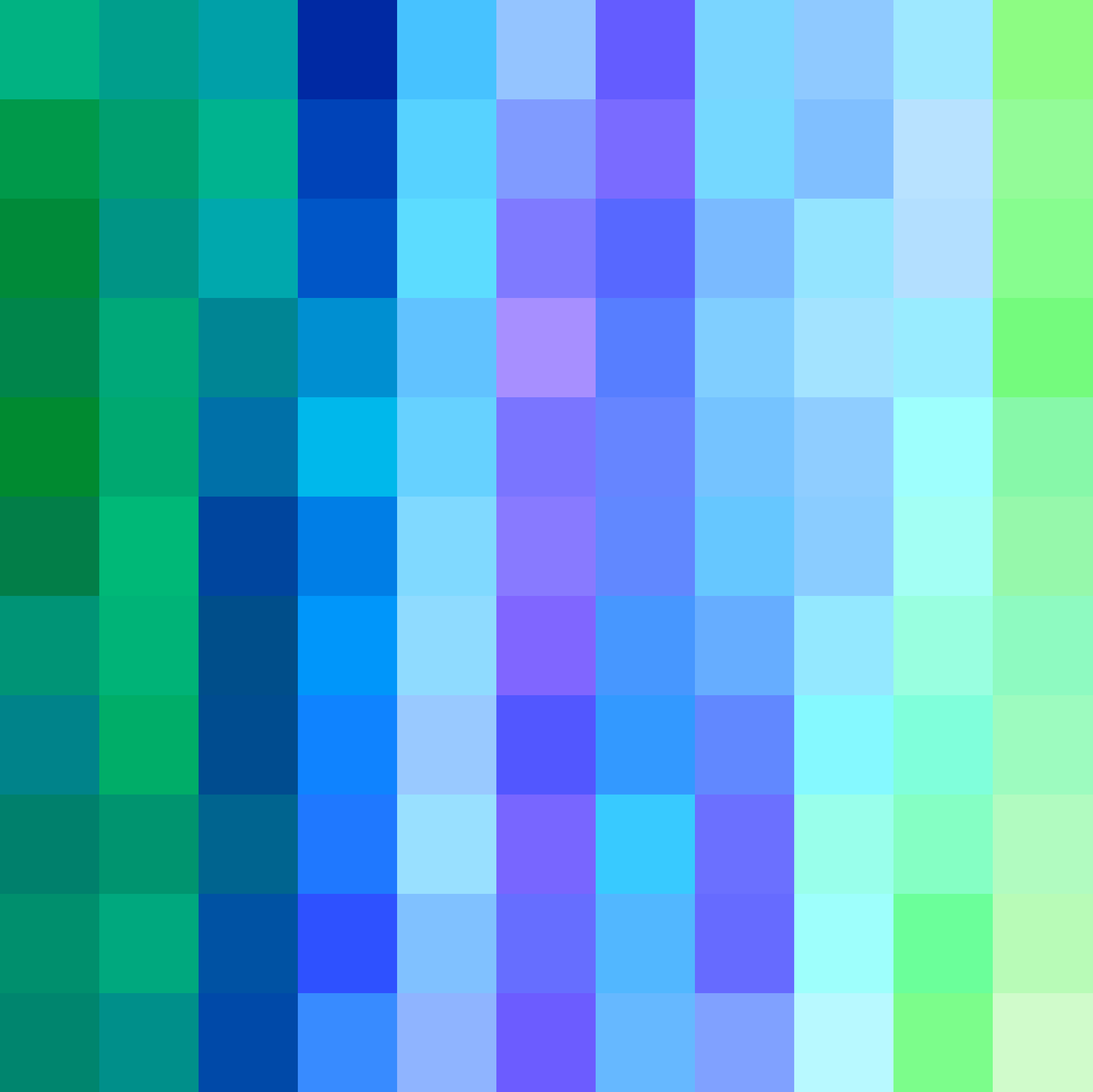
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has some rose, some orange, some magenta, some yellow, a bit of indigo, a little bit of purple, a little bit of lime, a tiny bit of green, a tiny bit of cyan, a tiny bit of violet, and a tiny bit of blue in it.
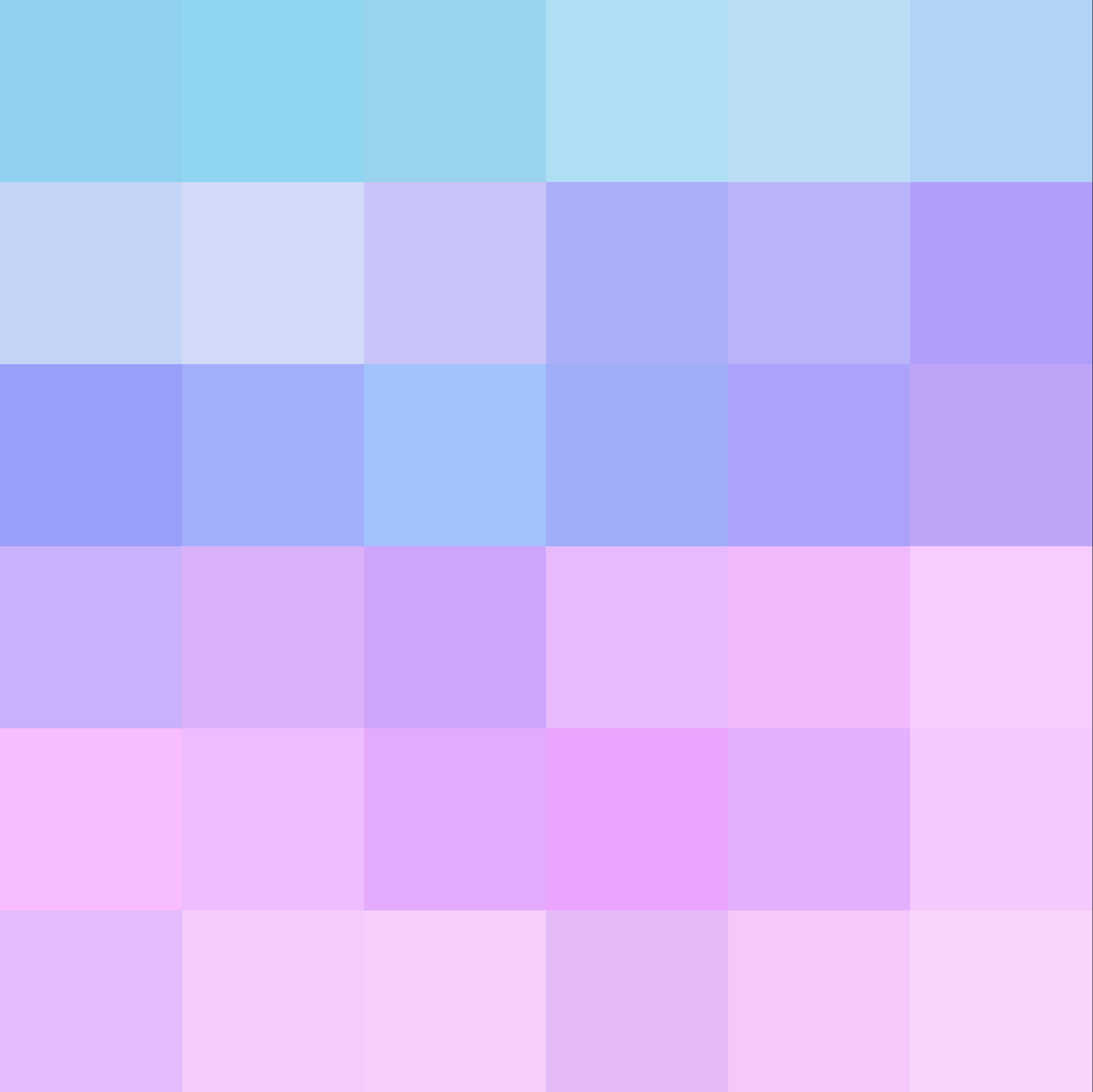
The very, very colourful gradient in this 12 by 12 pixel grid is mostly magenta, but it also has some orange, some purple, a bit of yellow, a bit of rose, a bit of red, a little bit of blue, a little bit of cyan, a little bit of lime, a little bit of indigo, a tiny bit of violet, and a tiny bit of green in it.

A two tone grid of 36 blocks. It's mostly blue, but it also has quite some indigo in it.
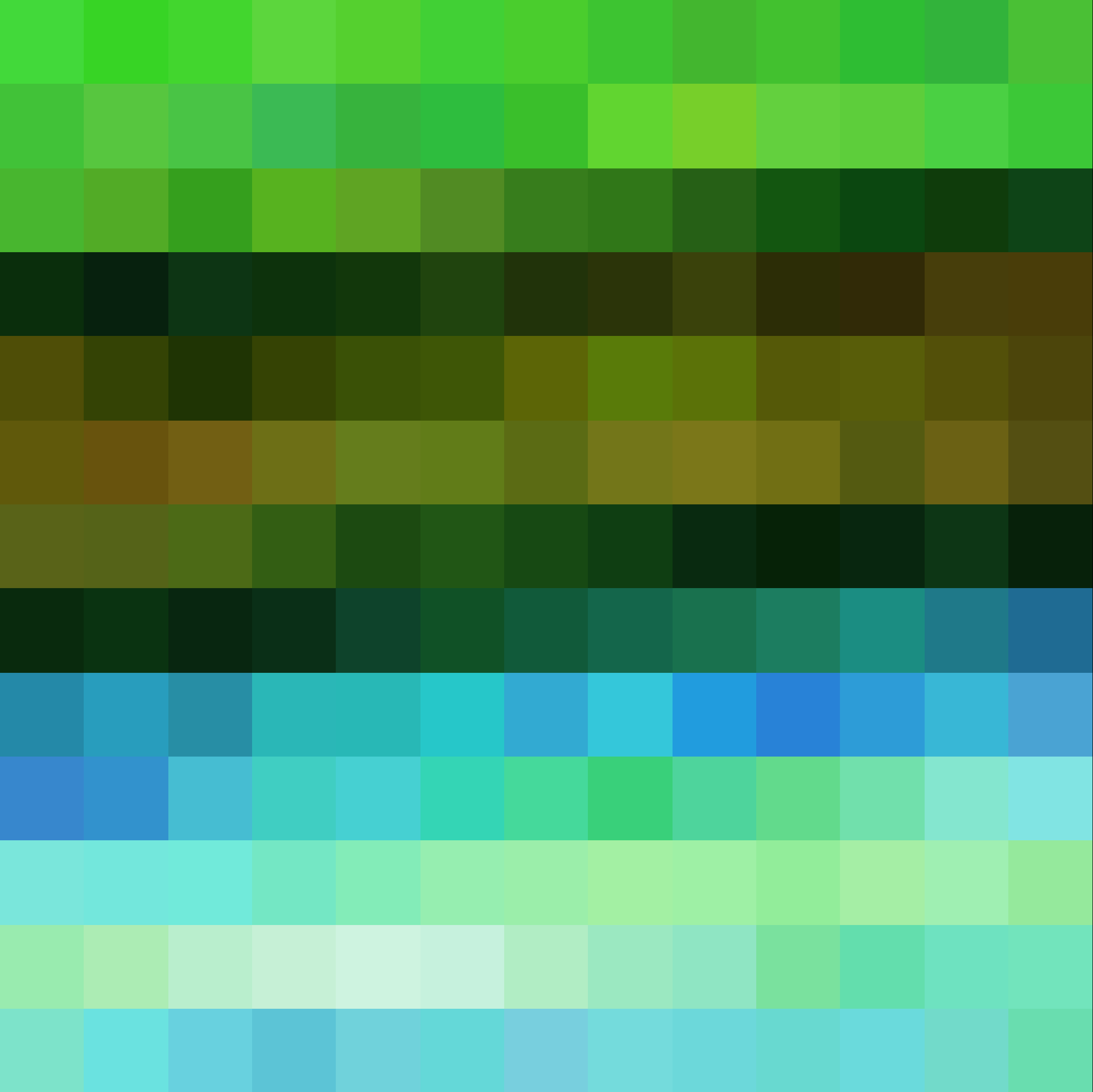
This gradient, generated in this 11 by 11 pixel grid, is mostly blue, and it also has quite some green, quite some cyan, and a bit of indigo in it.
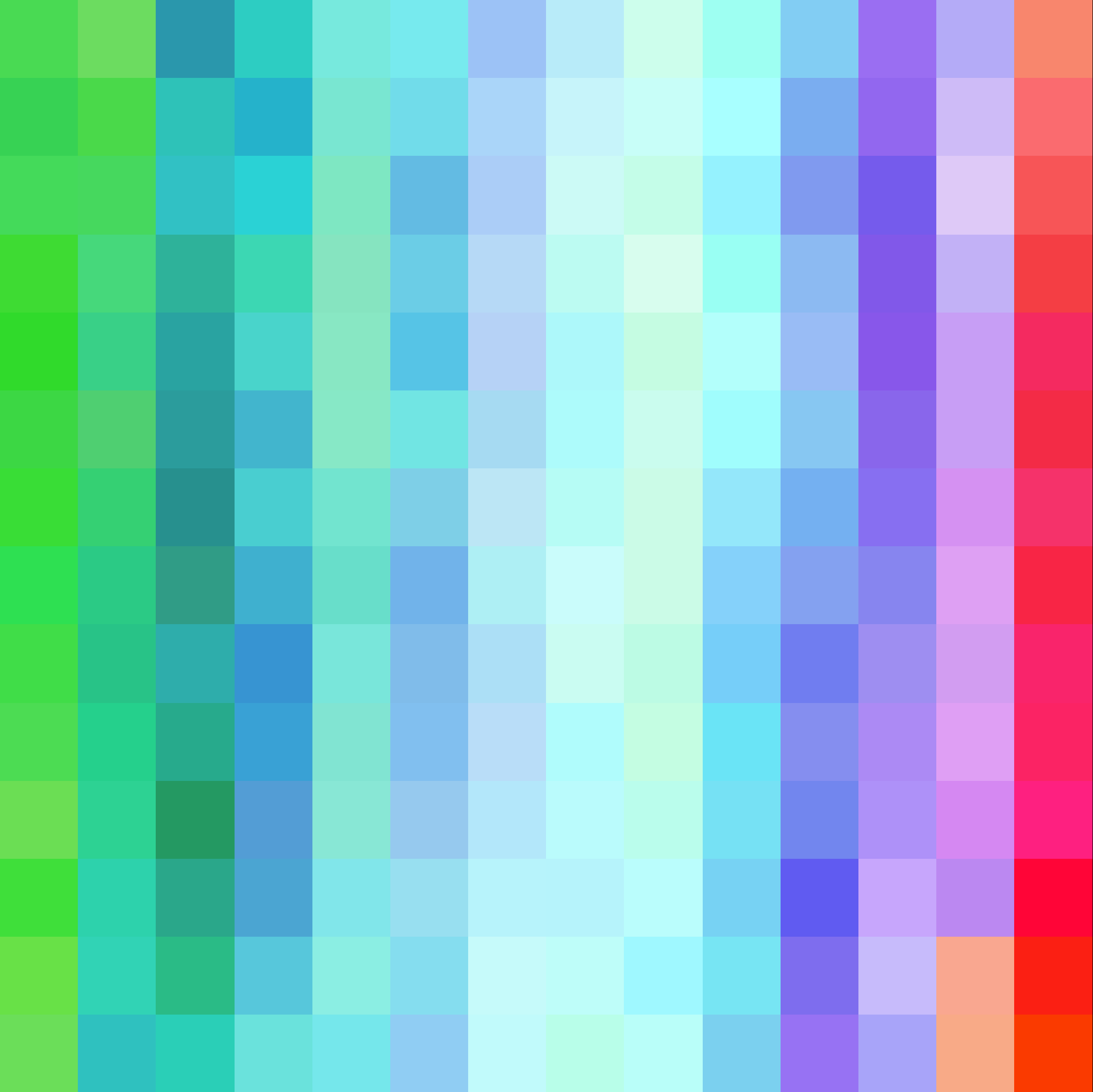
This colourful gradient, generated in this 6 by 6 pixel grid, is mostly blue, but it also has quite some purple, some indigo, some magenta, and a little bit of violet in it.

This very colourful gradient, generated in this 11 by 11 pixel grid, is mostly magenta, but it also has quite some rose, some purple, some red, a little bit of indigo, a little bit of violet, and a tiny bit of blue in it.
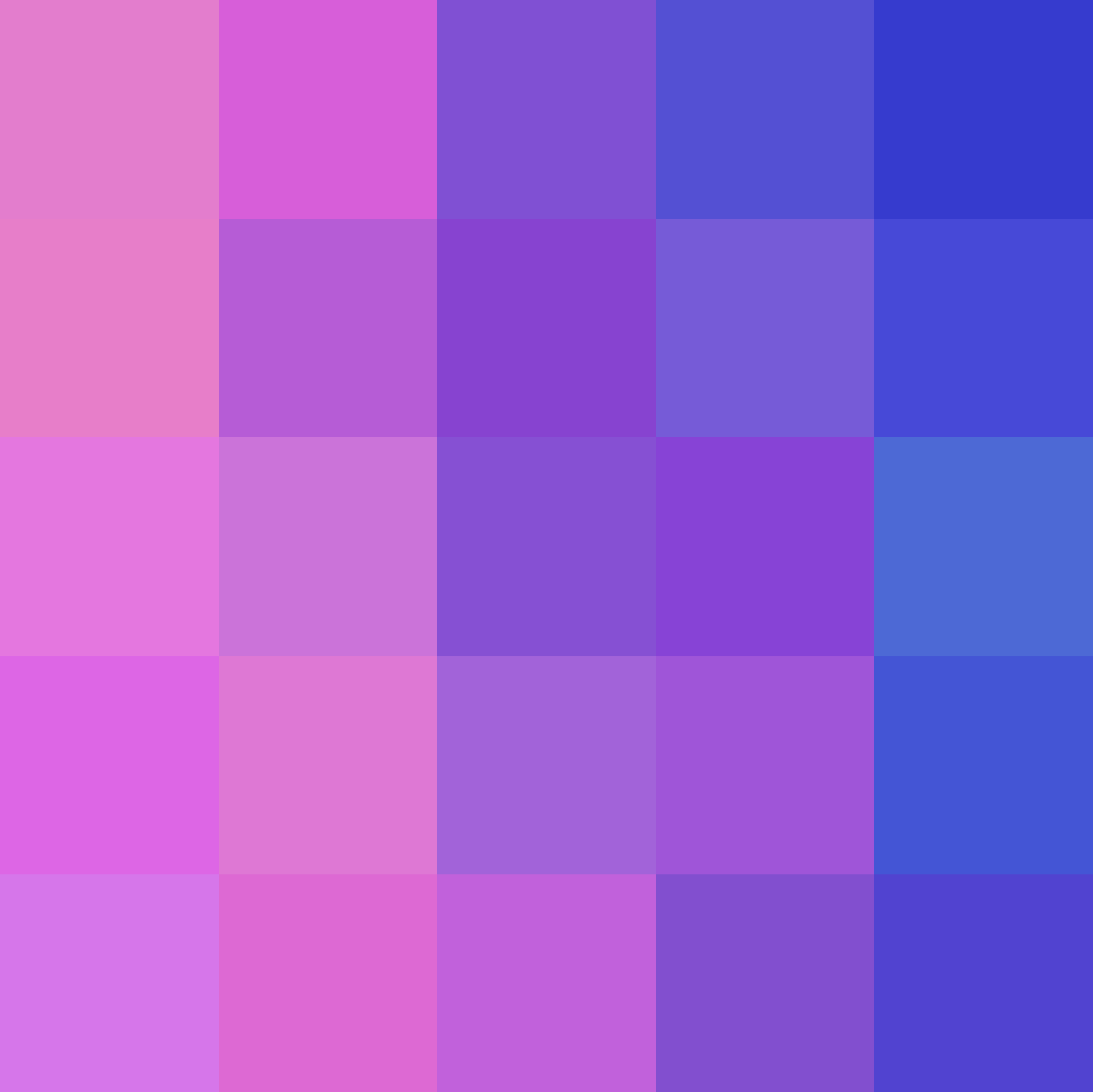
Here's a 13 by 13 pixelated grid that forms a colourful gradient. It is mostly green, and it also has some cyan, some yellow, a bit of lime, and a little bit of blue in it.

This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly cyan, but it also has quite some green, some blue, a bit of indigo, a bit of red, a little bit of violet, a little bit of purple, and a tiny bit of orange in it.
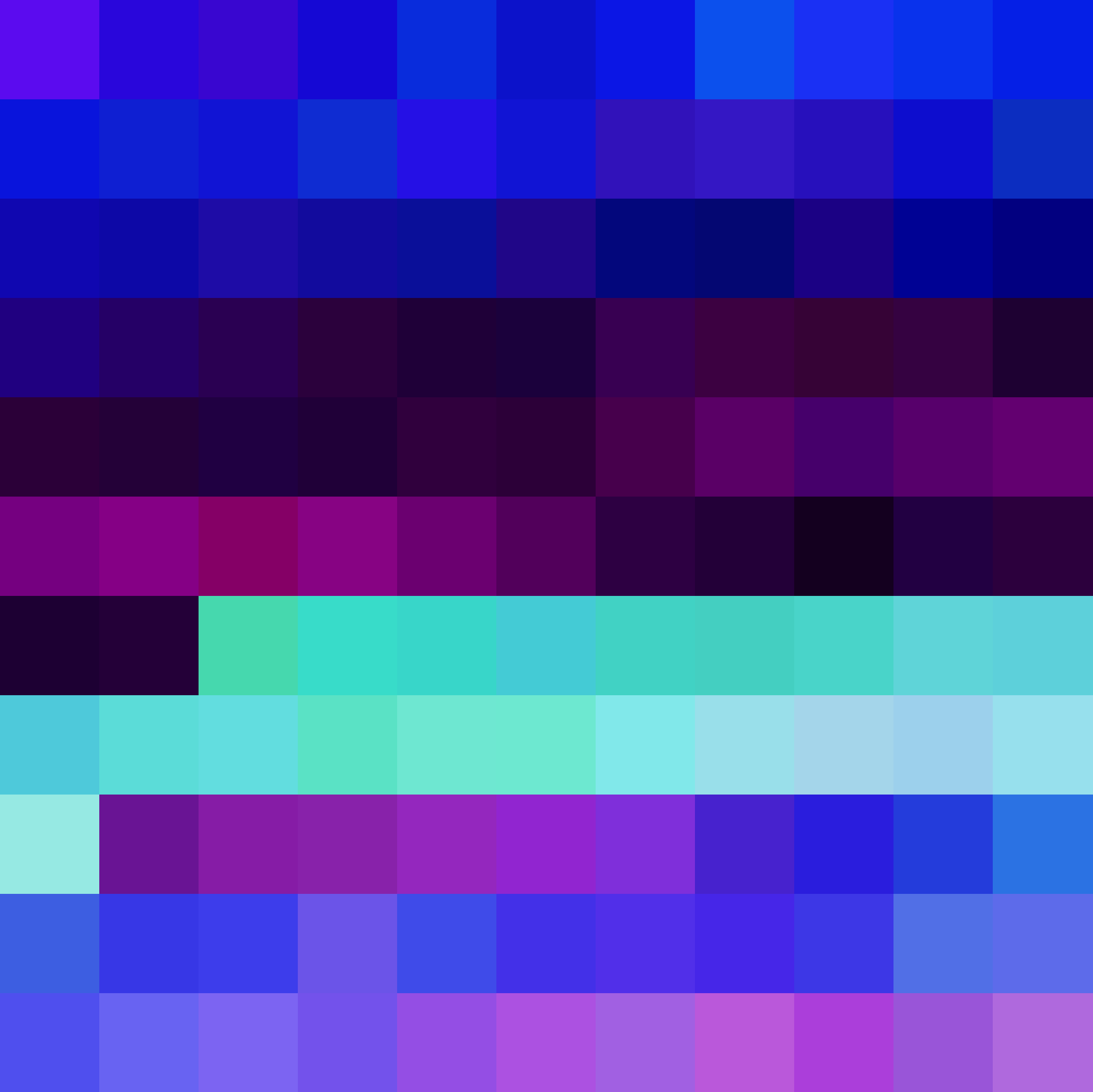
The cells in this 9 by 9 pixel grid form a very colourful gradient. It is mostly red, but it also has quite some magenta, some rose, a bit of purple, a bit of orange, a bit of violet, and a tiny bit of indigo in it.
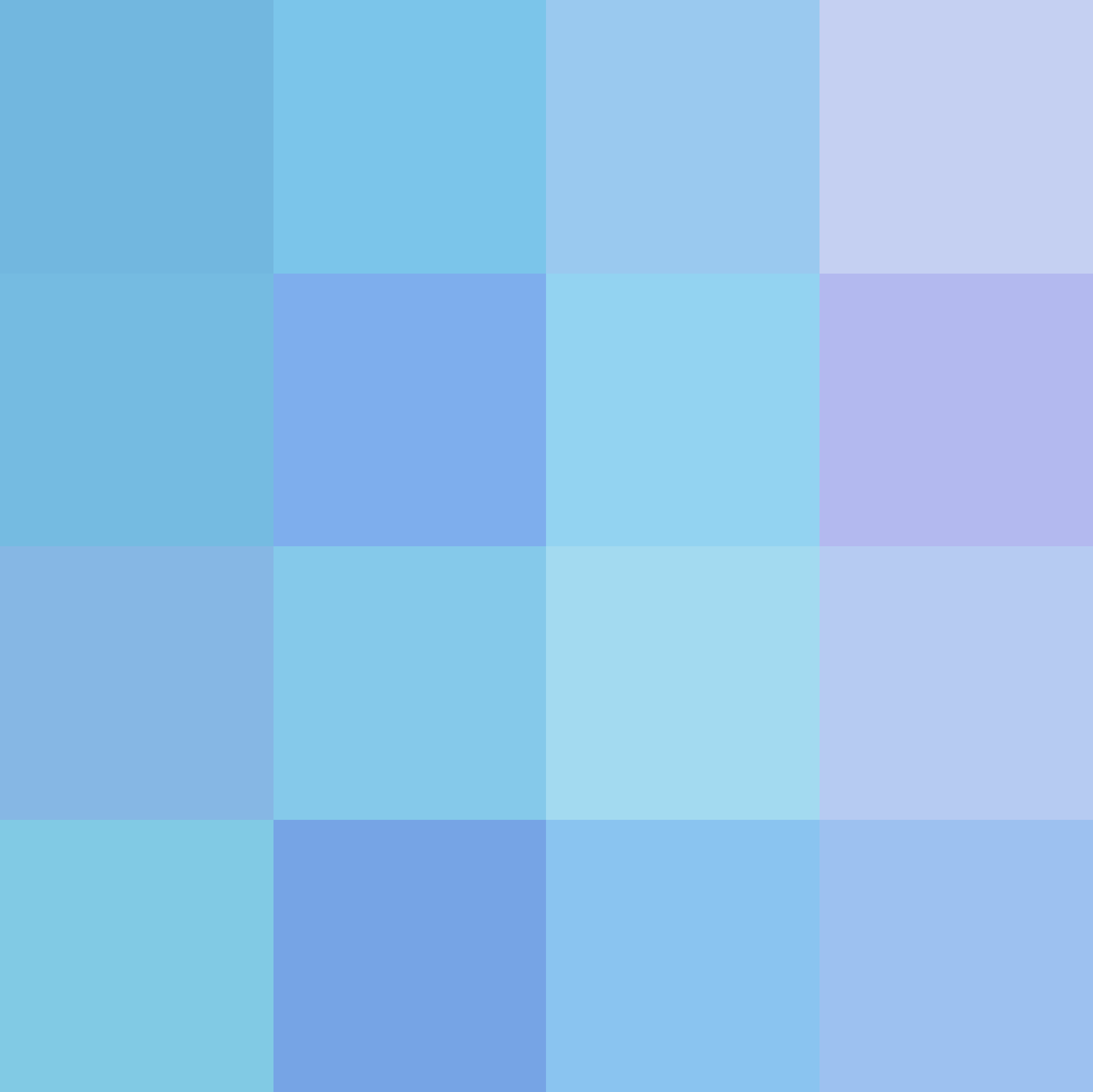
This colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly magenta, and it also has quite some purple, quite some violet, some blue, and some indigo in it.
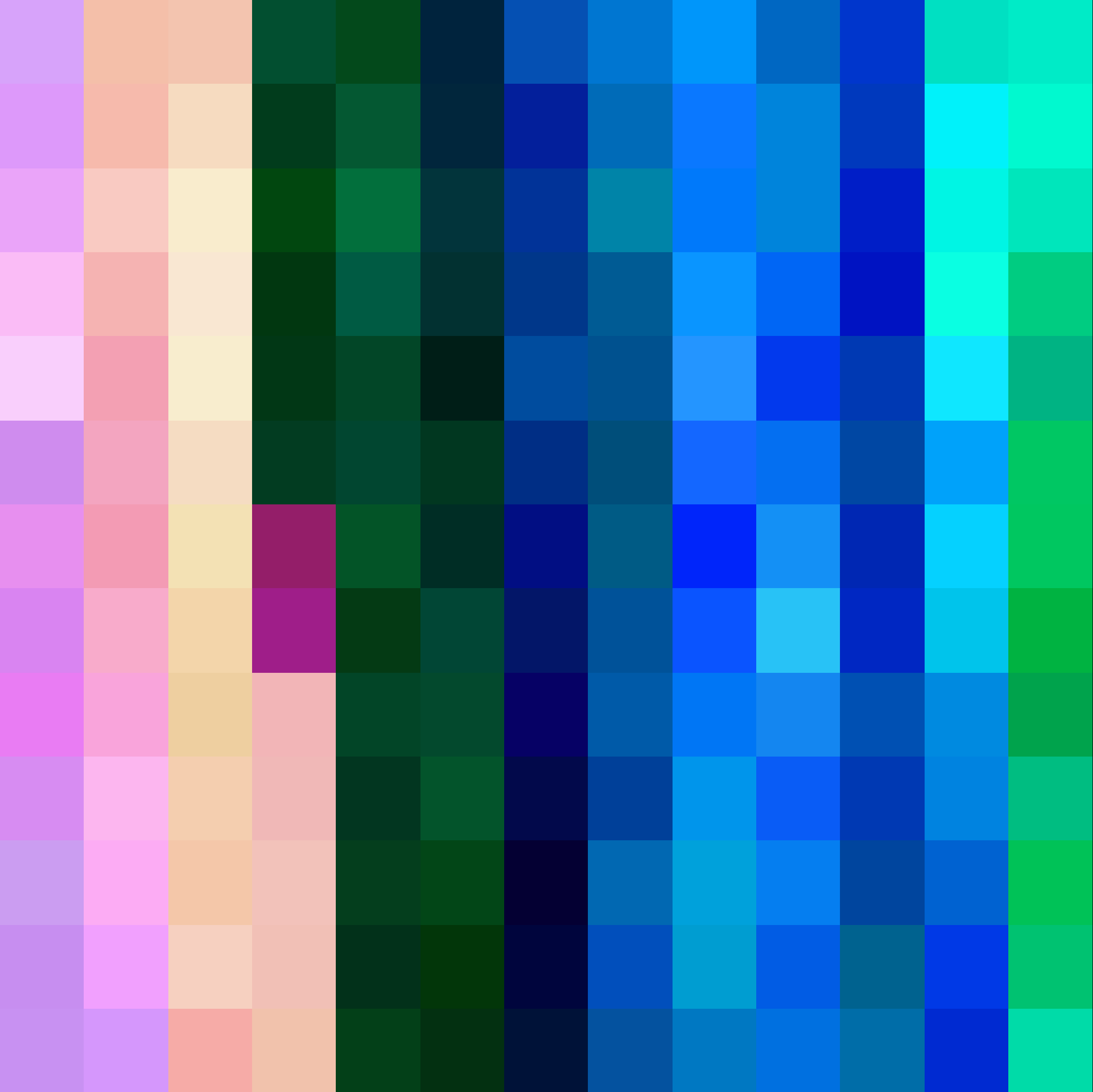
This colourful gradient, generated in this 7 by 7 pixel grid, is mostly blue, and it also has quite some indigo, quite some cyan, a little bit of violet, and a little bit of green in it.
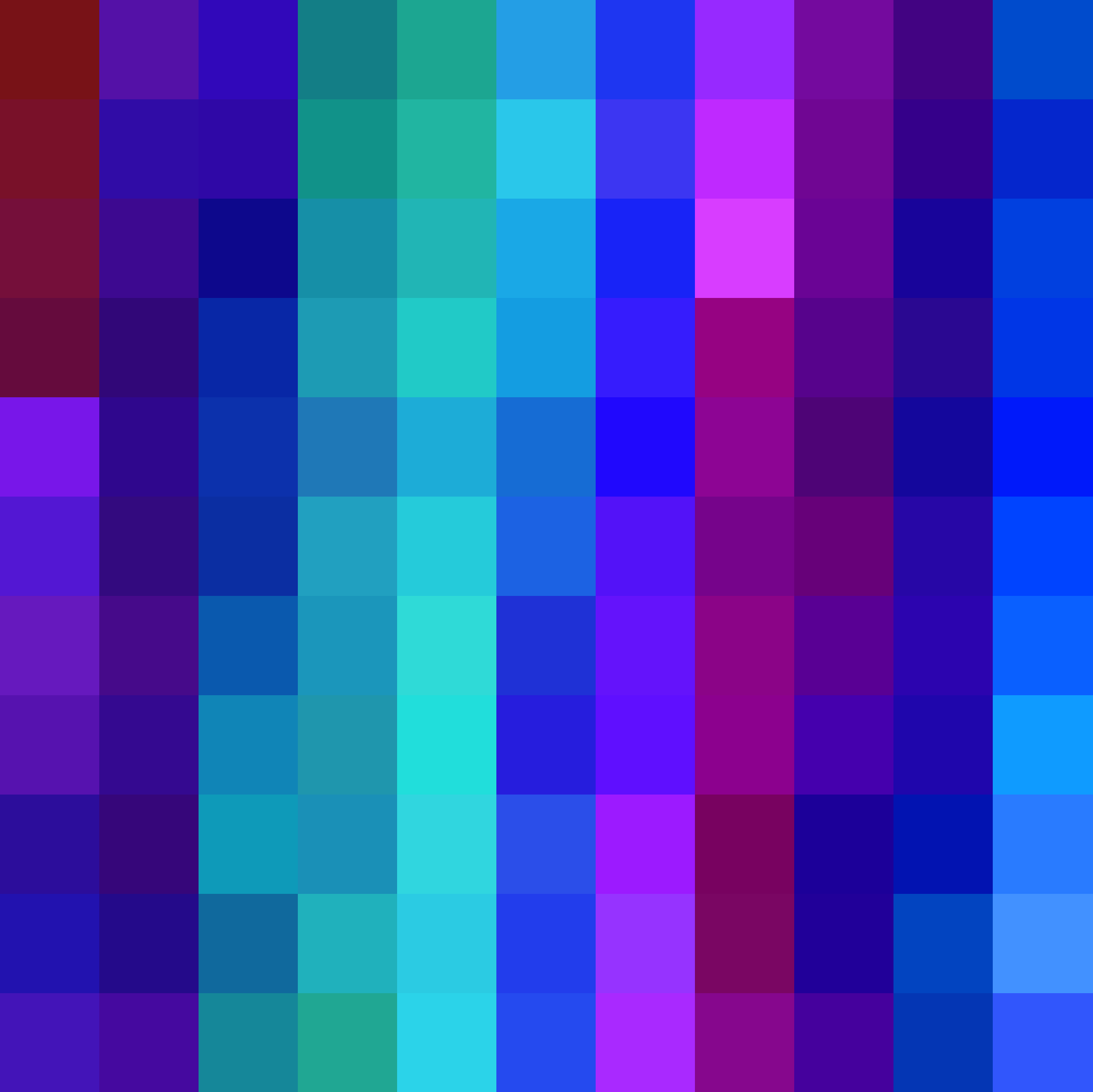
A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly purple, but it also has quite some blue, quite some indigo, some cyan, a bit of magenta, a little bit of violet, and a tiny bit of green in it.
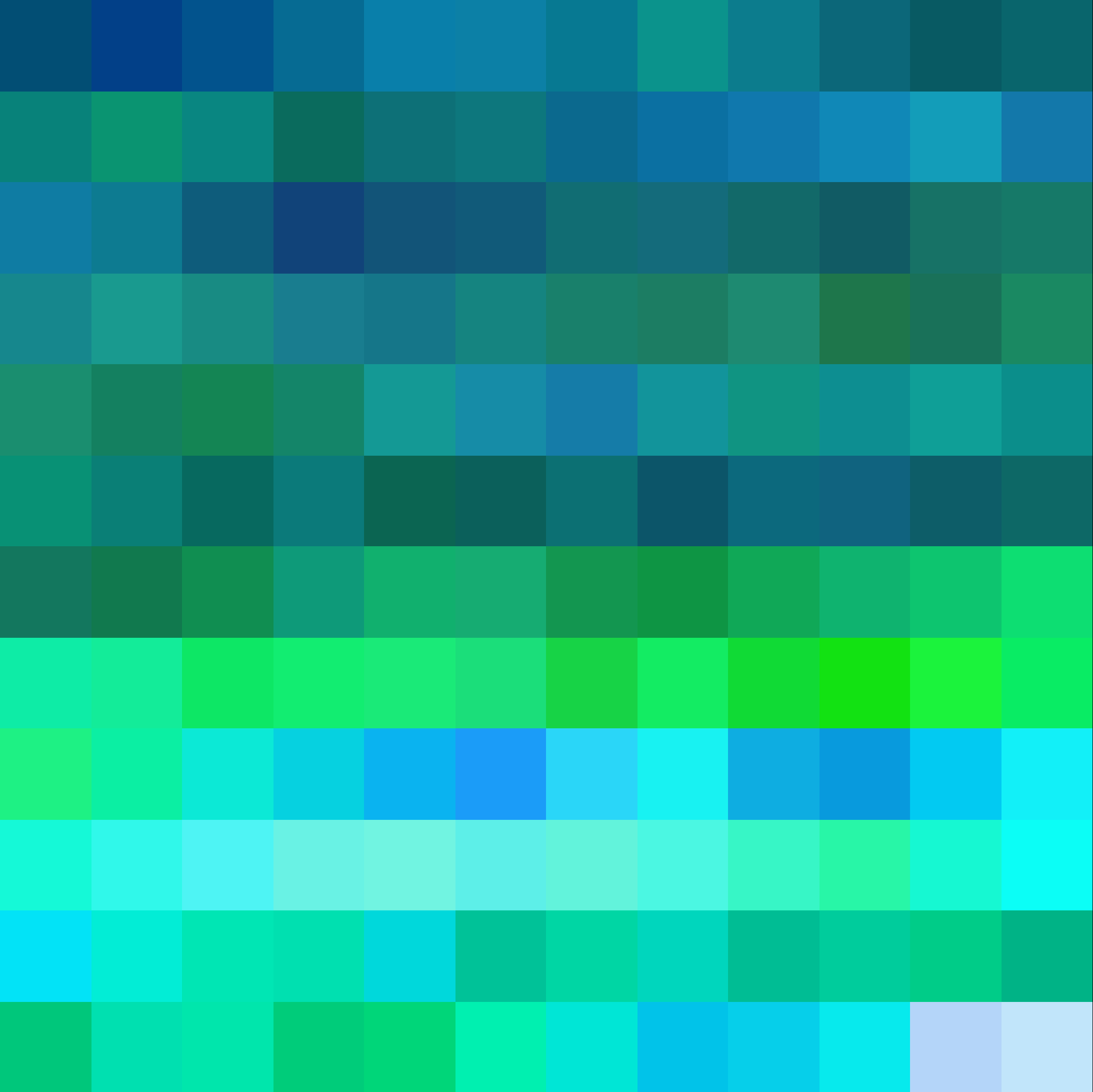
The cells in this 4 by 4 pixel grid form a monochrome gradient. It is blue.
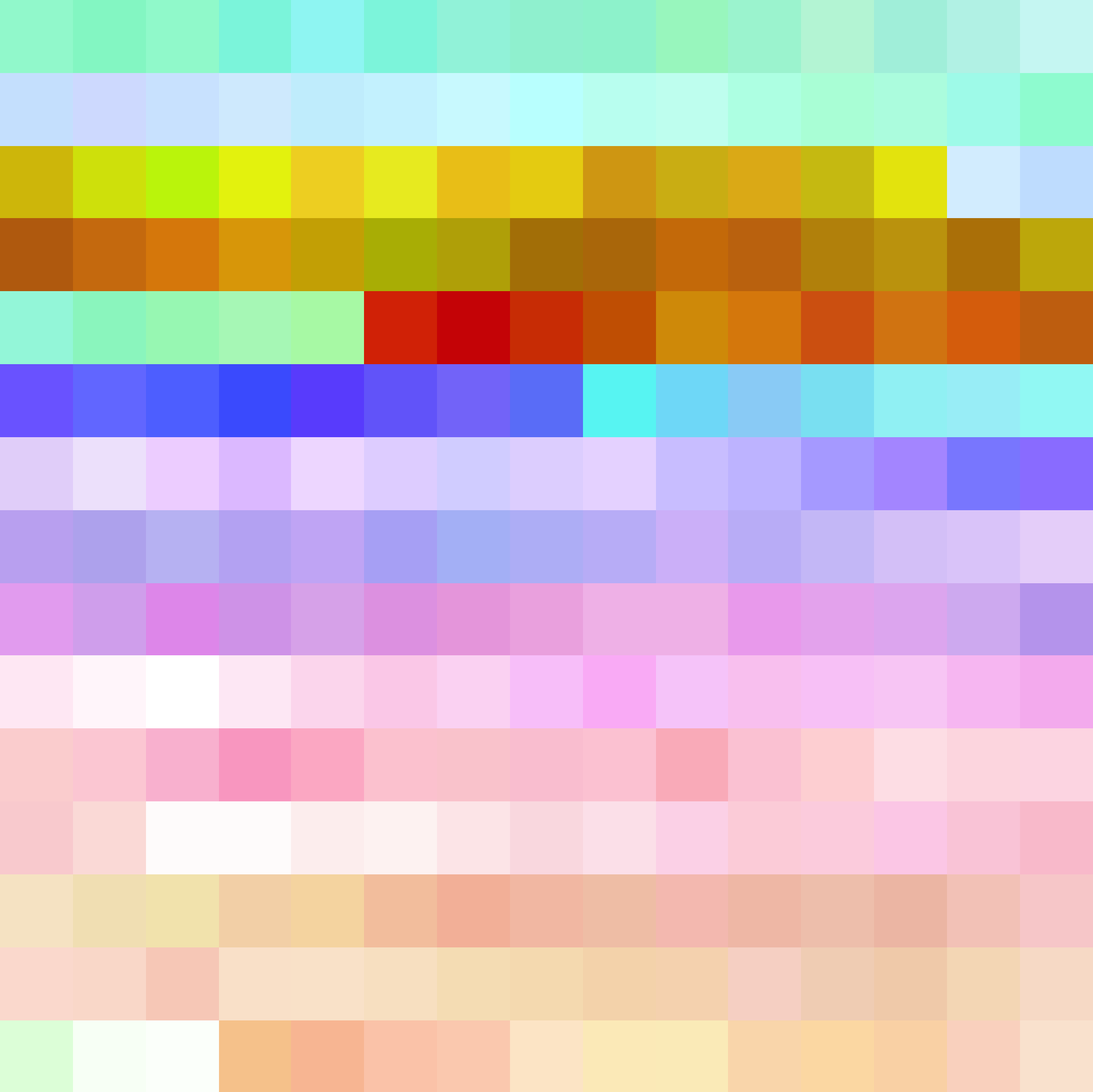
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has some green, some cyan, a bit of orange, a little bit of purple, a little bit of magenta, a little bit of red, a tiny bit of rose, and a tiny bit of indigo in it.

The very, very colourful gradient in this 11 by 11 pixel grid is mostly blue, but it also has quite some indigo, some cyan, some violet, some purple, a little bit of magenta, a tiny bit of red, and a tiny bit of rose in it.
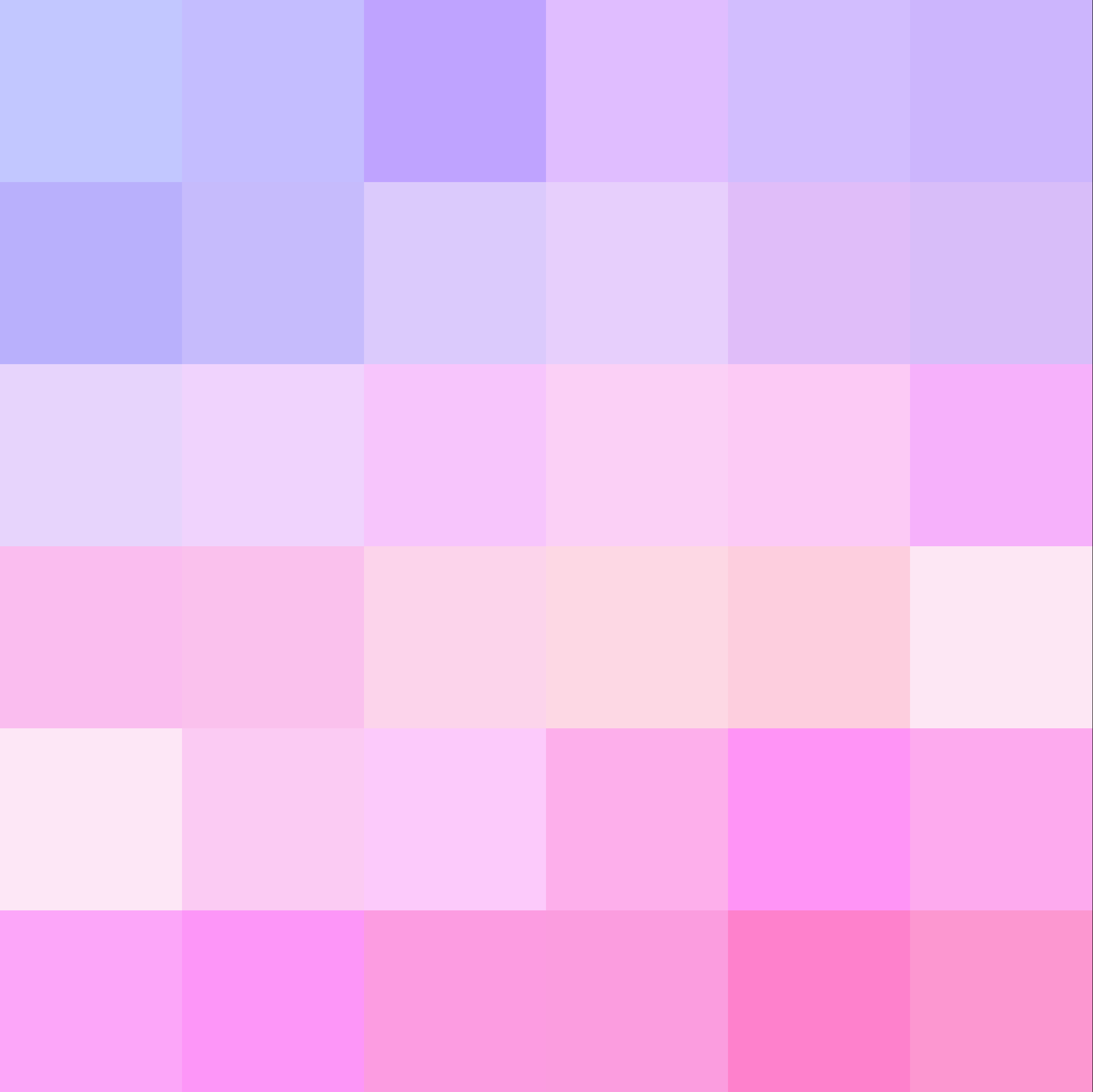
The gradient in this 12 by 12 pixel grid is mostly cyan, and it also has quite some green, and some blue in it.
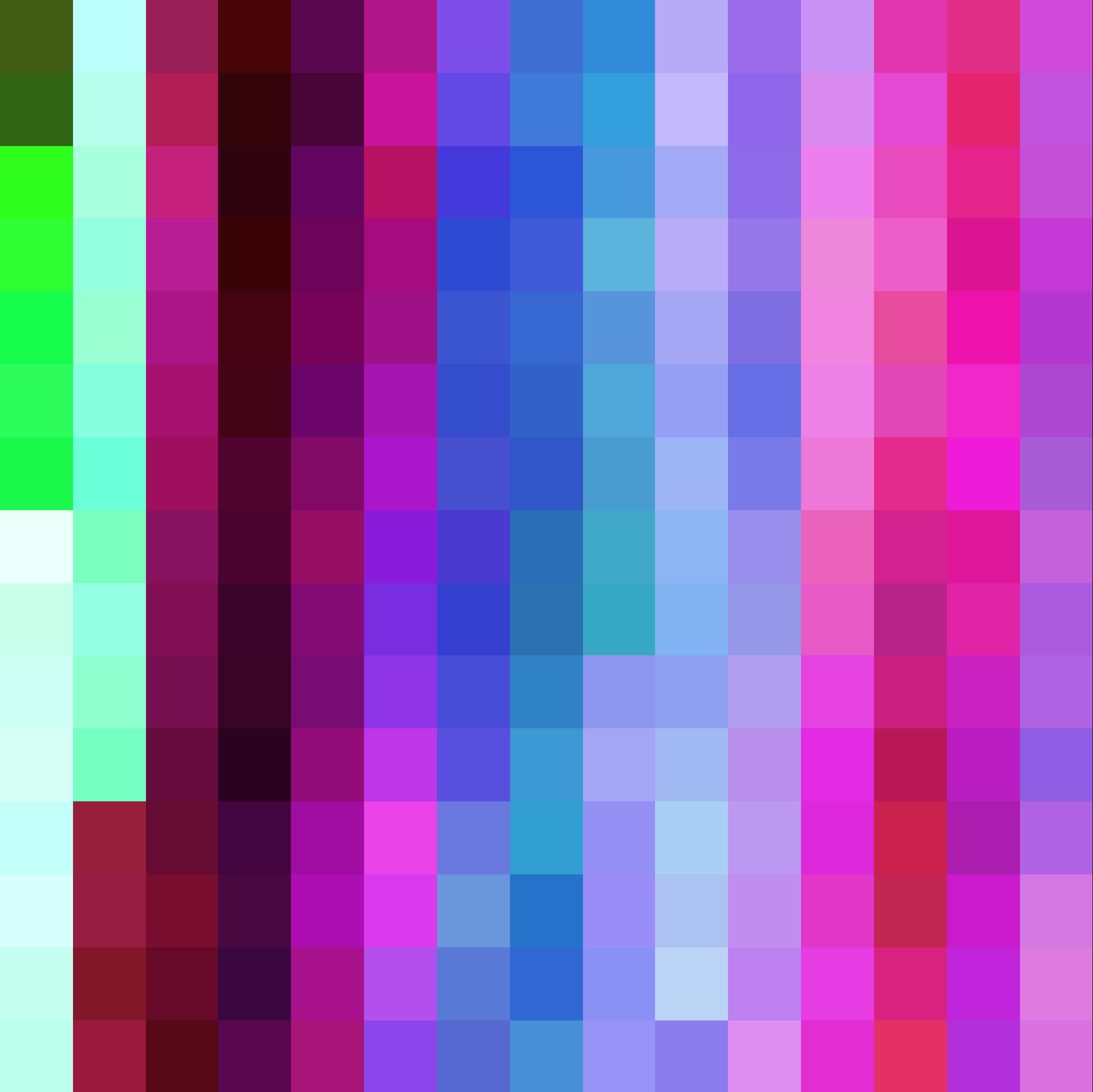
The very, very colourful gradient in this 15 by 15 pixel grid is mostly orange, and it also has some red, a bit of indigo, a bit of magenta, a bit of green, a bit of cyan, a bit of yellow, a bit of blue, a little bit of rose, a little bit of purple, a little bit of violet, and a tiny bit of lime in it.
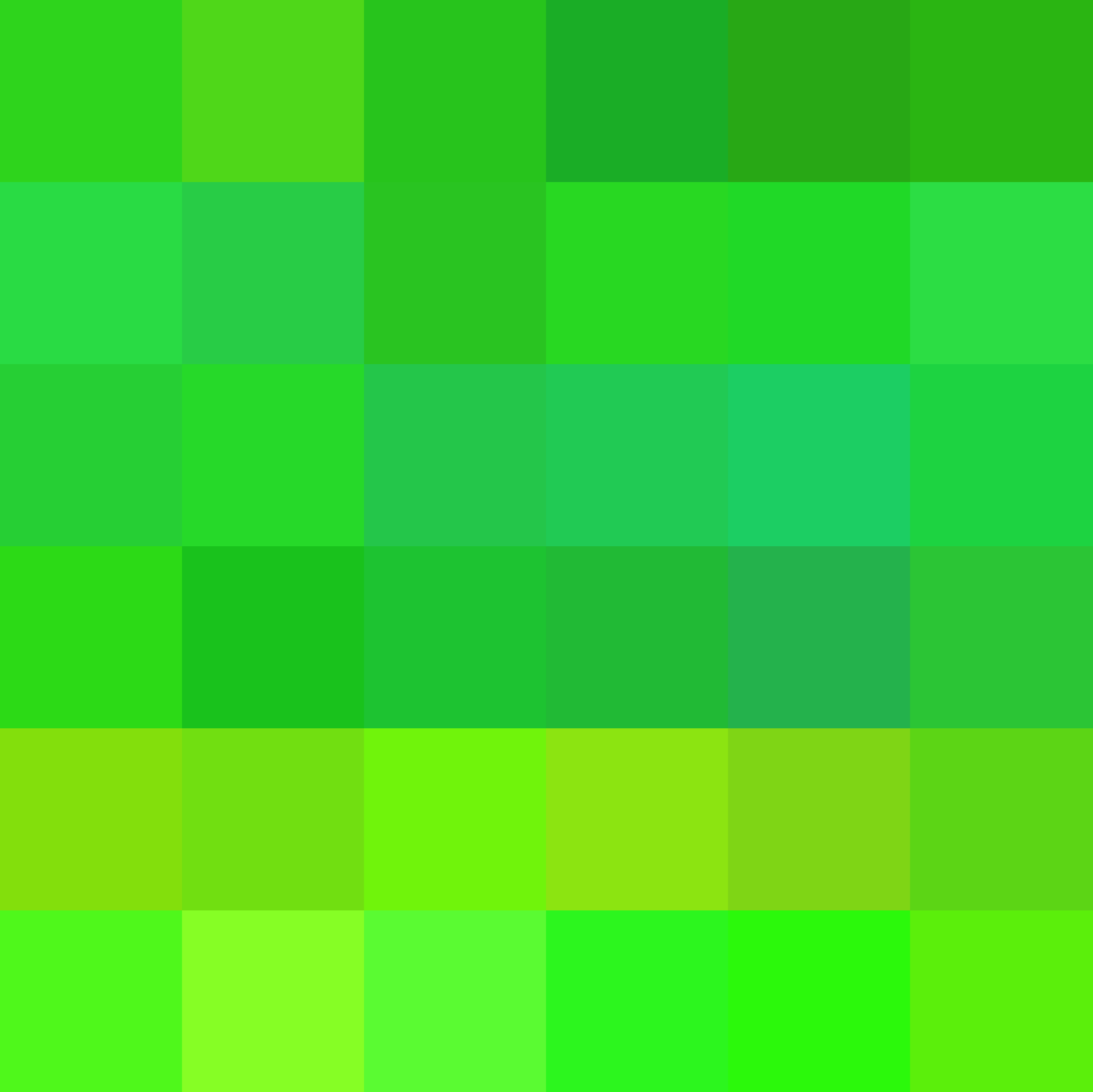
The colourful gradient in this 7 by 7 pixel grid is mostly orange, and it also has quite some red, some yellow, a little bit of blue, and a tiny bit of cyan in it.
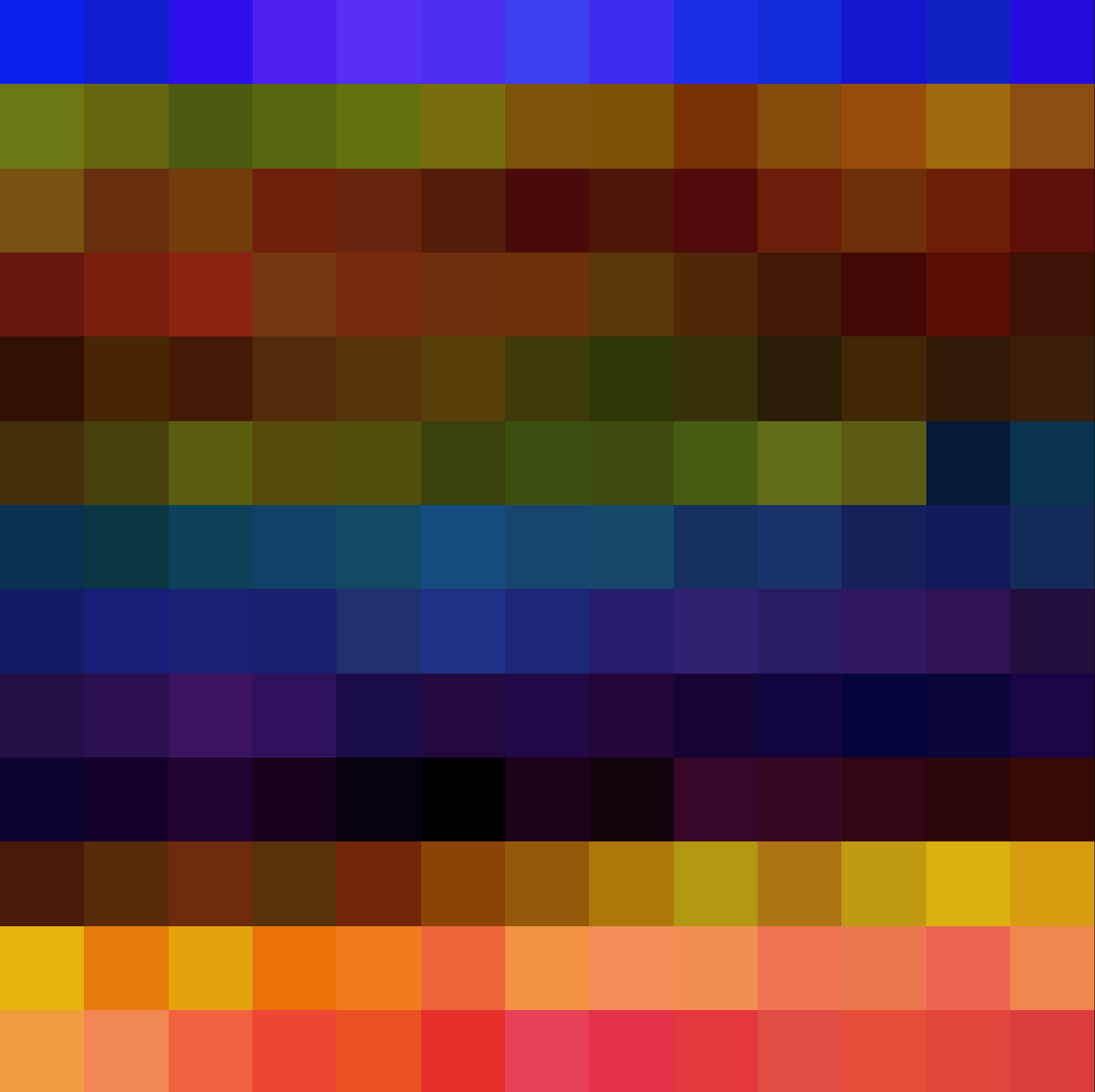
There's a very colourful pixel gradient in this 6 by 6 grid. It is mostly magenta, and it also has some indigo, some purple, a bit of violet, a little bit of rose, and a little bit of blue in it.
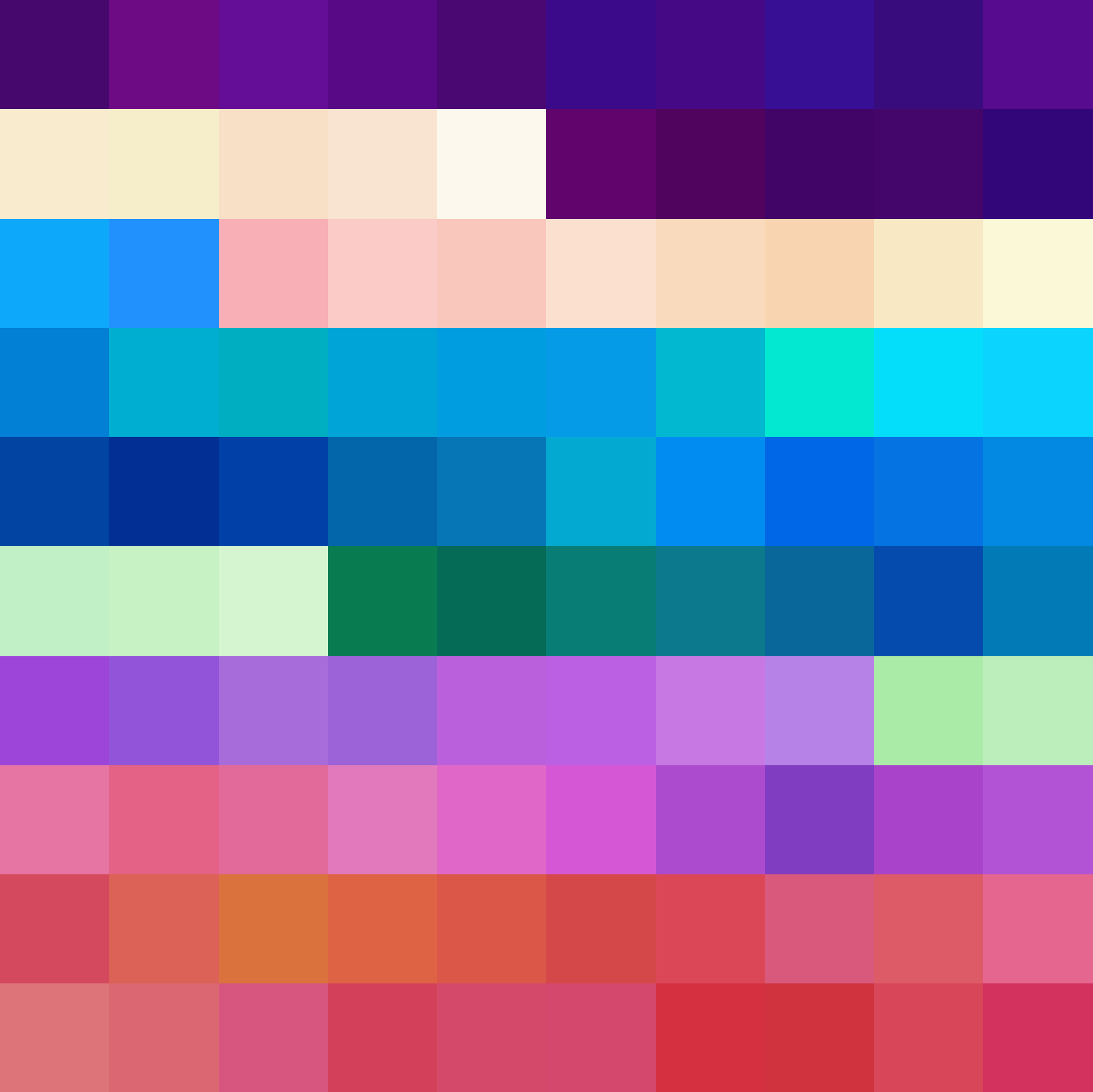
This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly magenta, and it also has quite some blue, a bit of rose, a bit of purple, a bit of indigo, a little bit of green, a little bit of cyan, a little bit of red, and a little bit of violet in it.

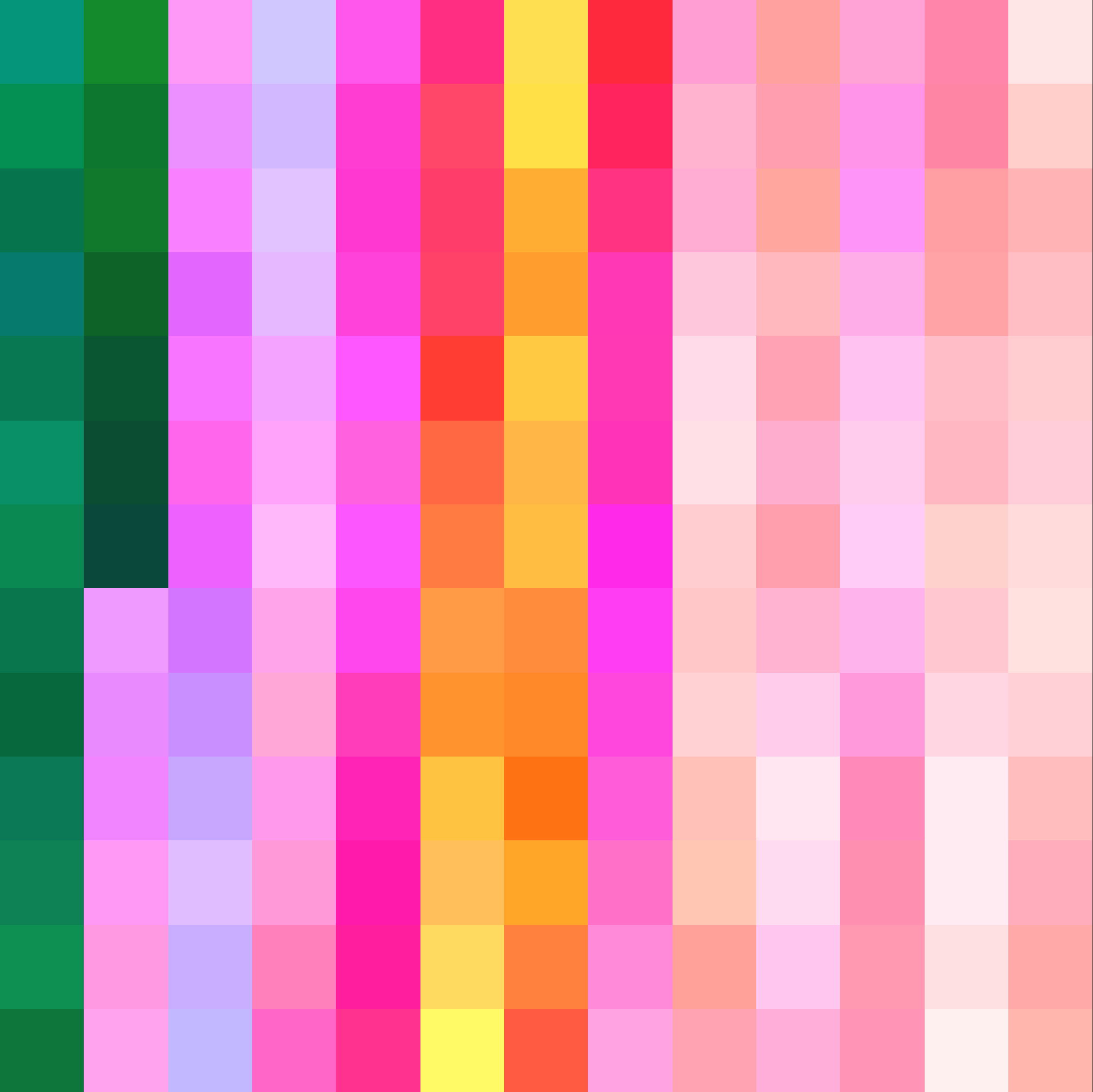This monochrome pixel gradient—it is 6 cells wide, 6 cells high—is green.

Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly orange, and it also has some red, some blue, some yellow, a bit of indigo, a little bit of violet, a little bit of magenta, a tiny bit of lime, a tiny bit of purple, a tiny bit of green, a tiny bit of cyan, and a tiny bit of rose in it.
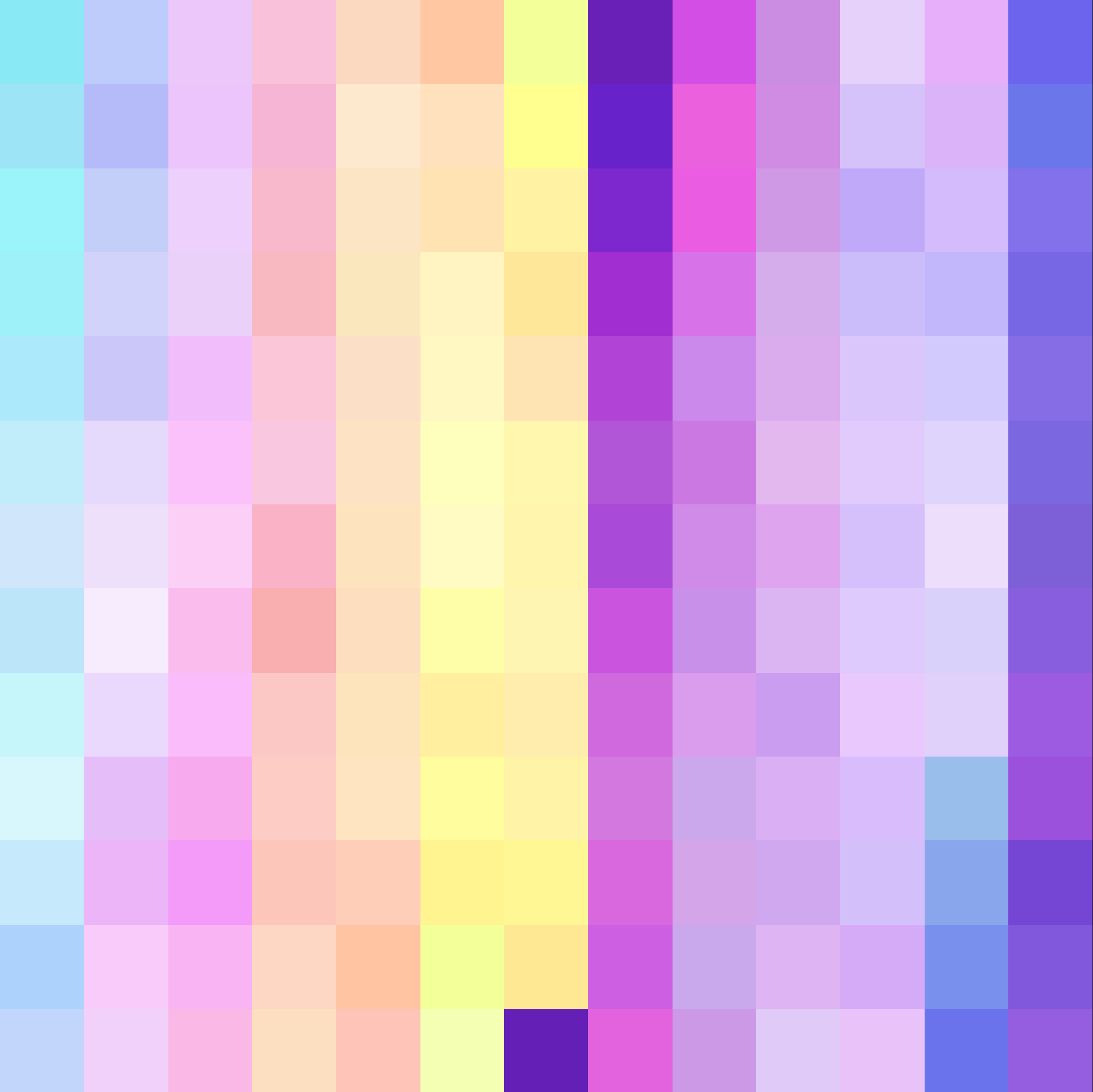
A grid with 100 coloured squares that form a
very, very colourful gradient. The colours are
various shades of mostly blue, and it also has
some red, some purple, a bit of cyan, a bit of
orange, a bit of rose, a bit of violet, a little bit of
green, a little bit of magenta, a tiny bit of yellow,
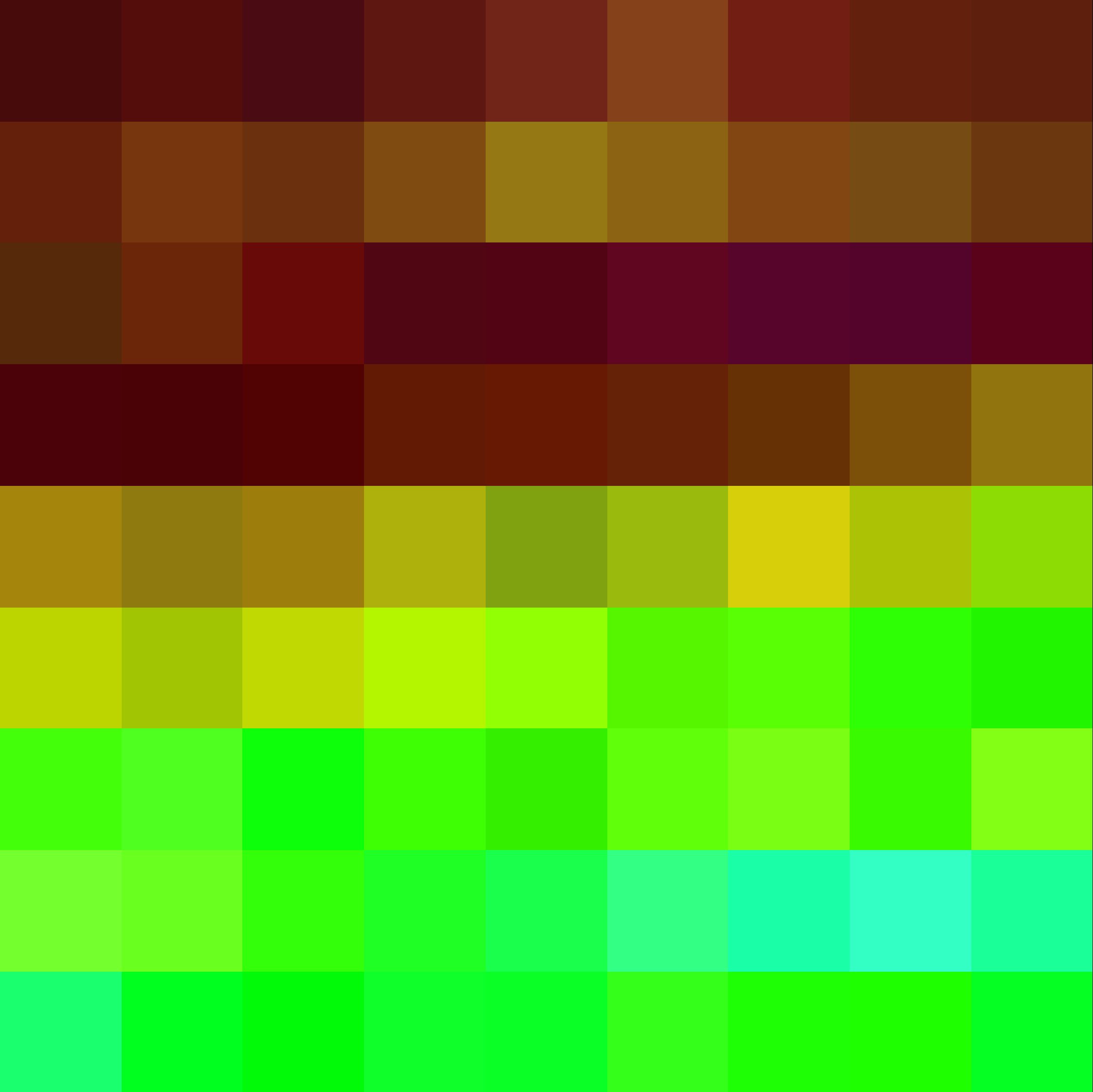and a tiny bit of indigo in it.

The colourful gradient in this 13 by 13 pixel grid is mostly red, but it also has quite some yellow, quite some orange, a little bit of lime, and a little bit of green in it.
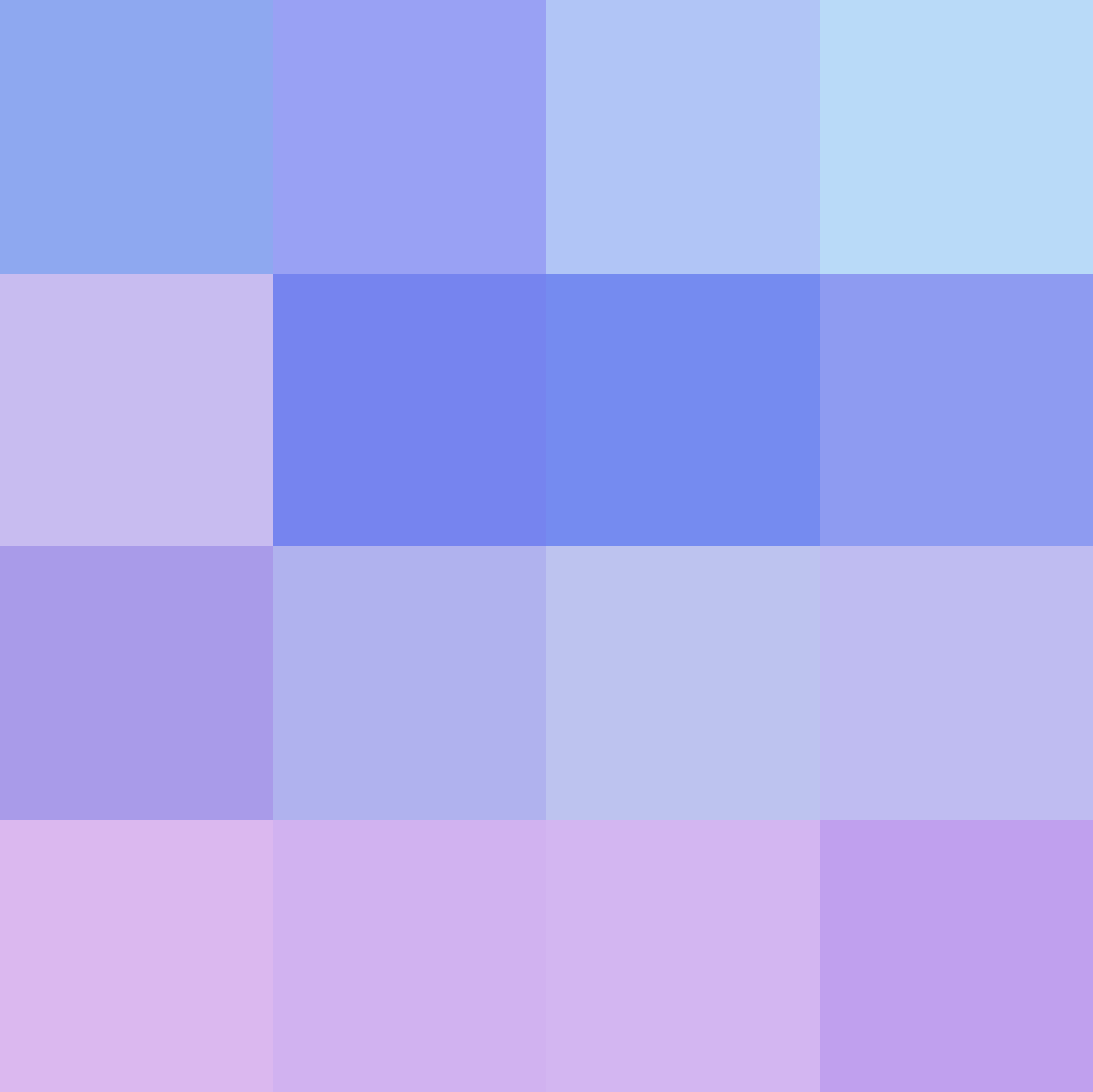
This very, very colourful gradient, generated in this 13 by 13 pixel grid, is mostly magenta, and it also has quite some red, some rose, a bit of green, a bit of orange, a little bit of purple, a tiny bit of yellow, a tiny bit of cyan, a tiny bit of indigo, and a tiny bit of violet in it.
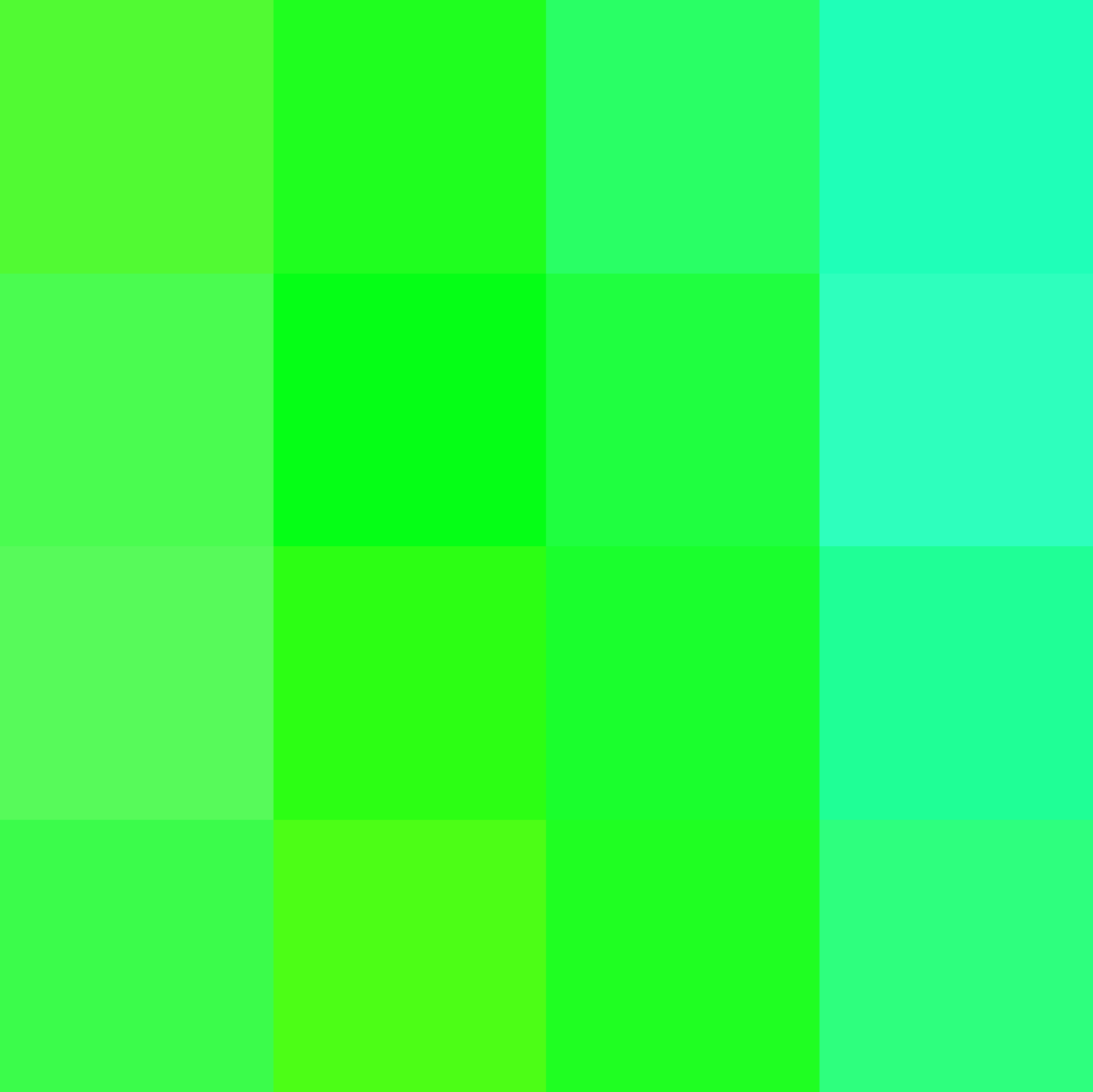
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly purple, but it also has some yellow, some indigo, some orange, a bit of violet, a bit of magenta, a bit of blue, a little bit of cyan, a little bit of rose, and a little bit of red in it.
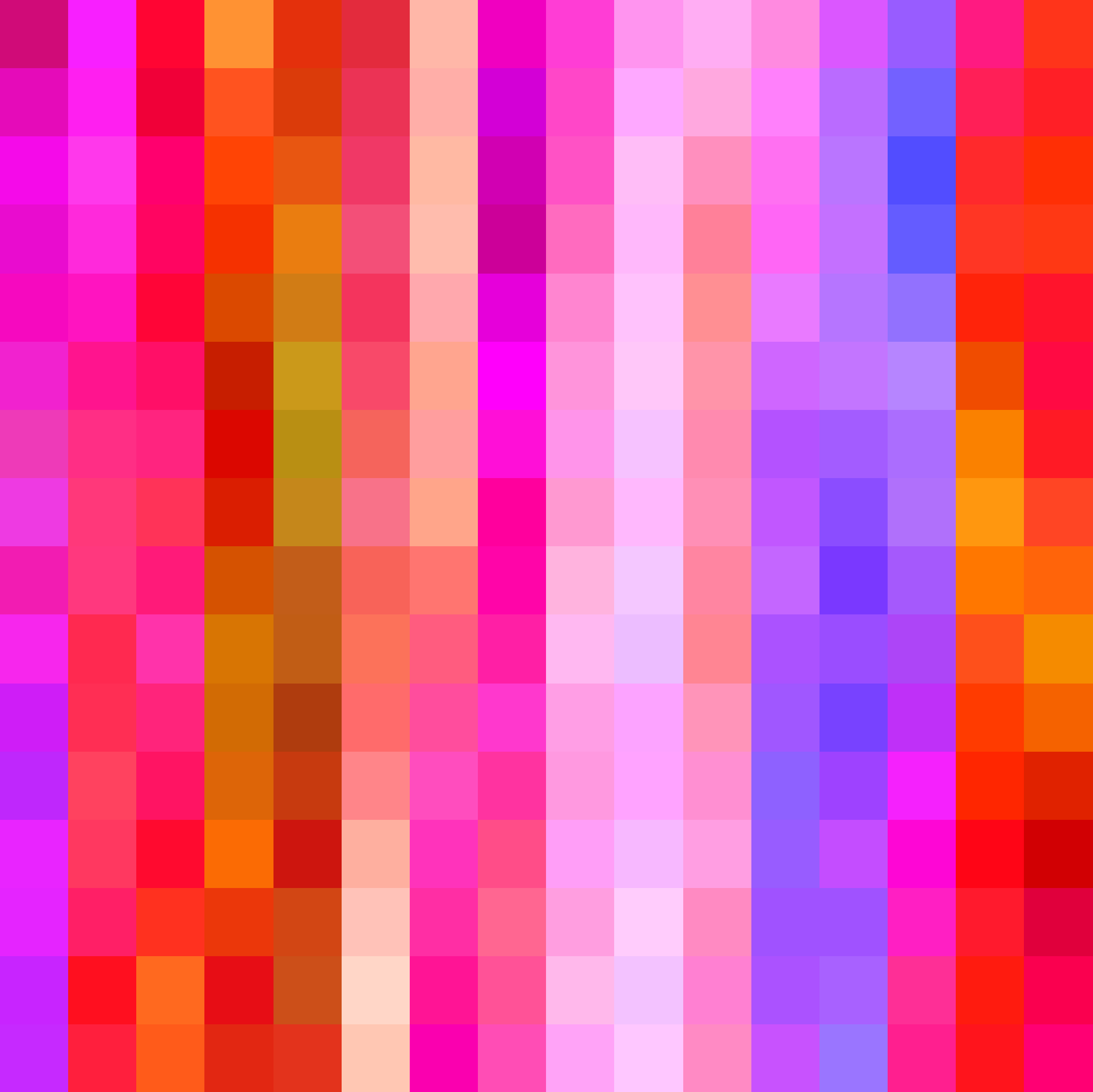
A very colourful grid of 81 blocks. It's mostly green, and it also has quite some red, some orange, some yellow, a little bit of rose, and a little bit of lime in it.

The cells in this 4 by 4 pixel grid form a gradient. It is mostly blue, and it also has some indigo, some violet, and a little bit of purple in it.
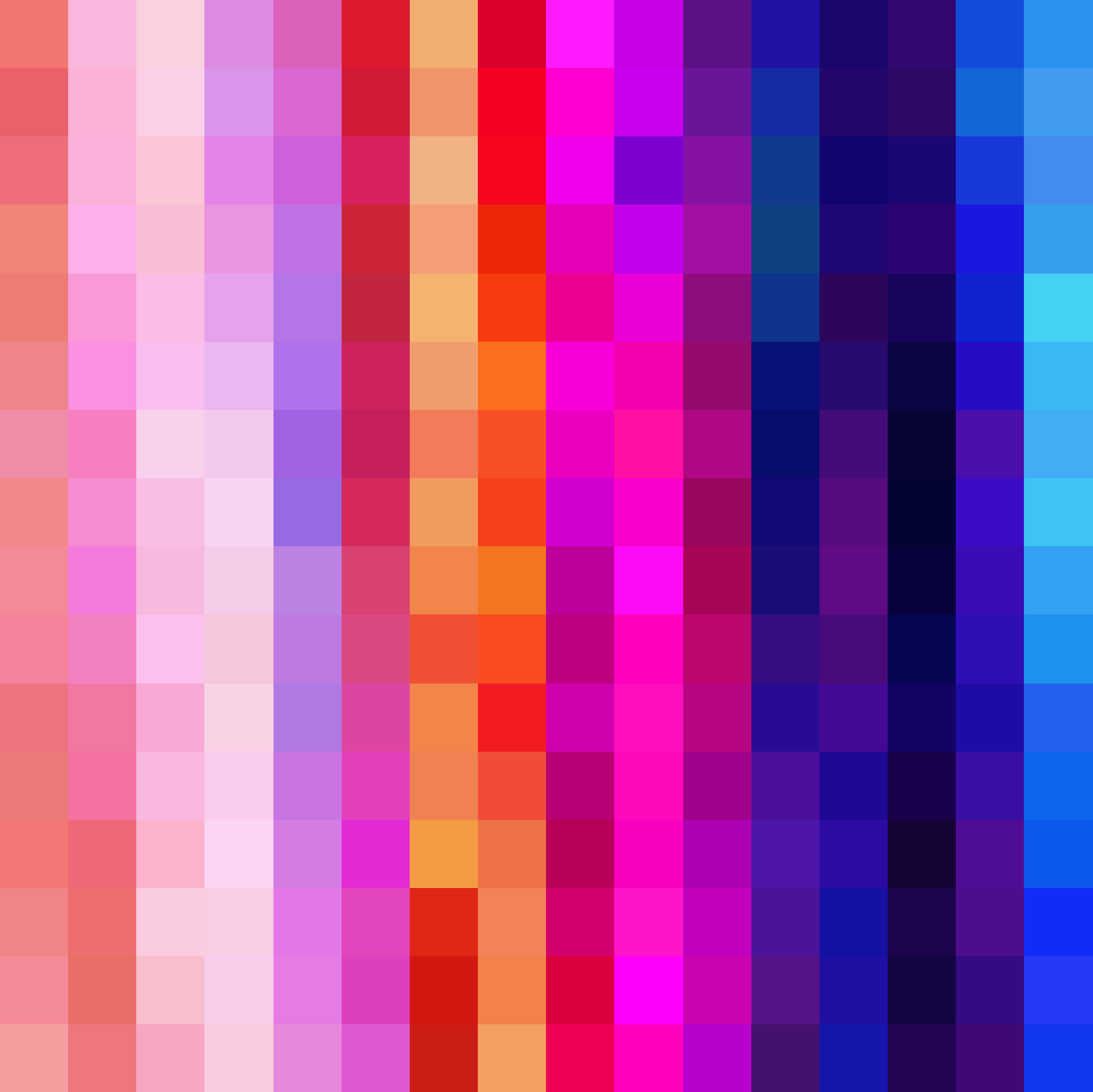
There's a monochrome pixel gradient in this 4 by 4 grid. It is green.

The very colourful gradient in this 16 by 16 pixel grid is mostly red, and it also has quite some magenta, some rose, some orange, a bit of purple, a little bit of violet, and a little bit of indigo in it.

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

A 16 by 16 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has some magenta, a bit of rose, a bit of orange, a little bit of purple, and a tiny bit of violet 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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