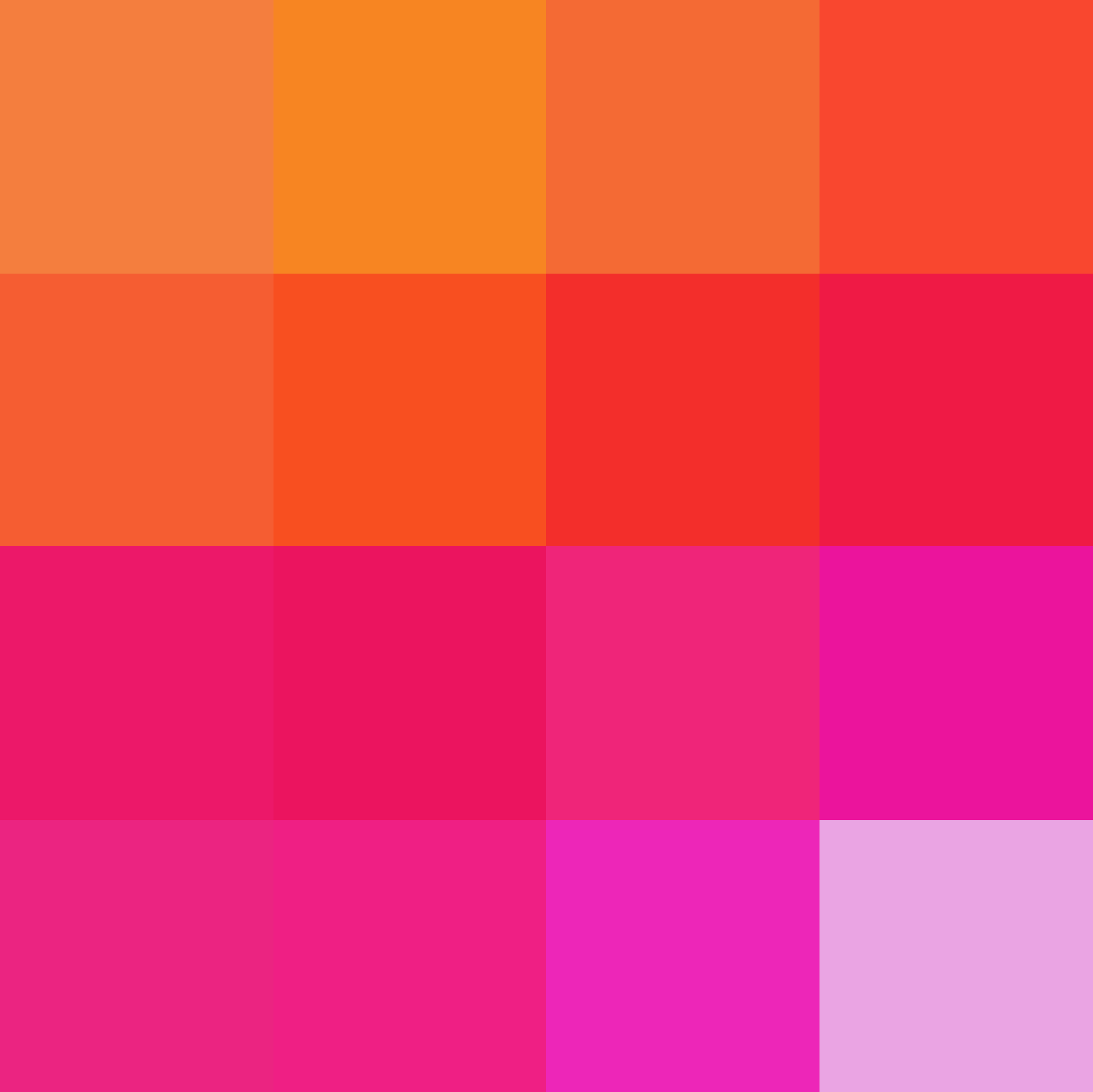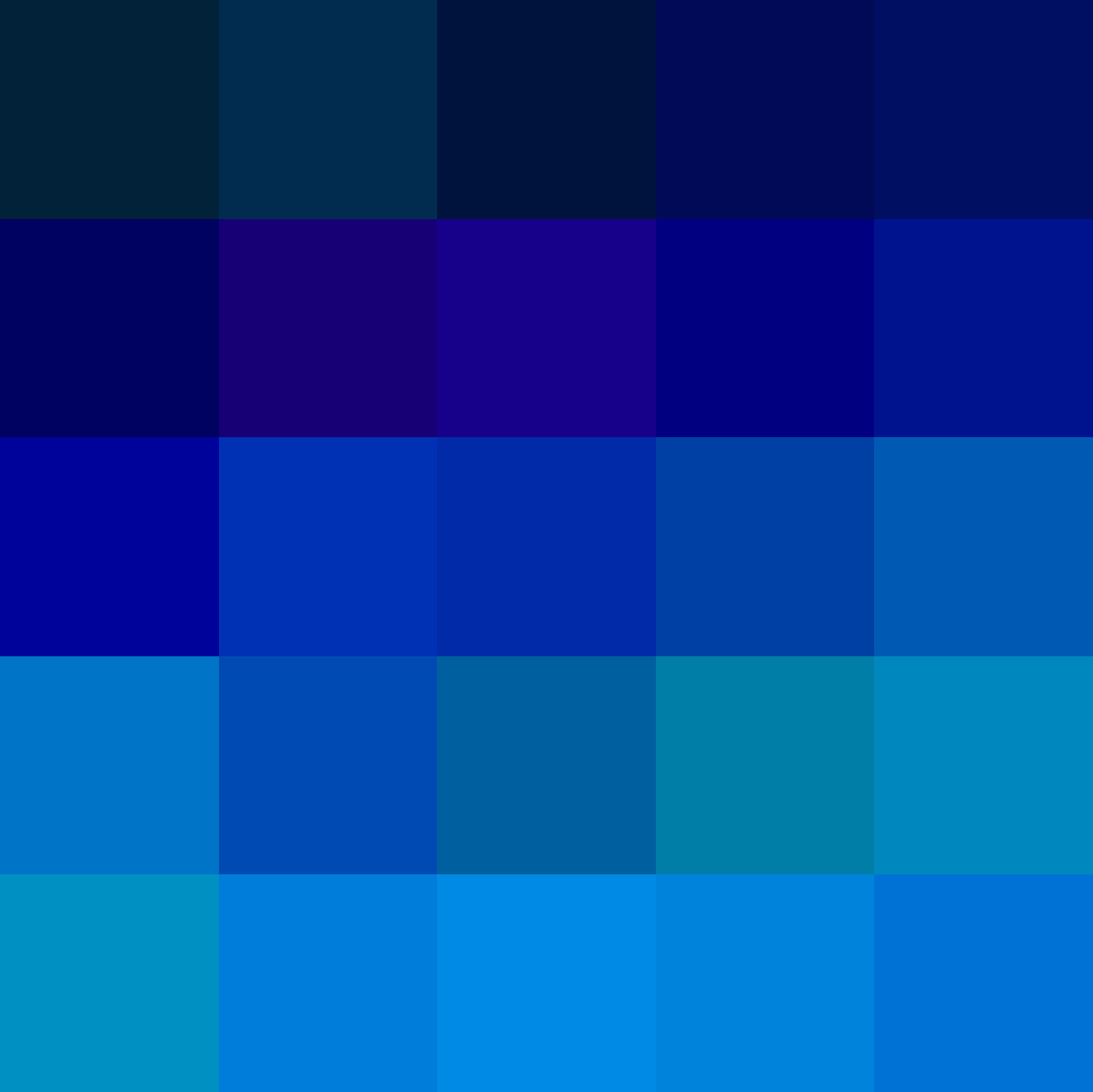# 100 random pixel gradients

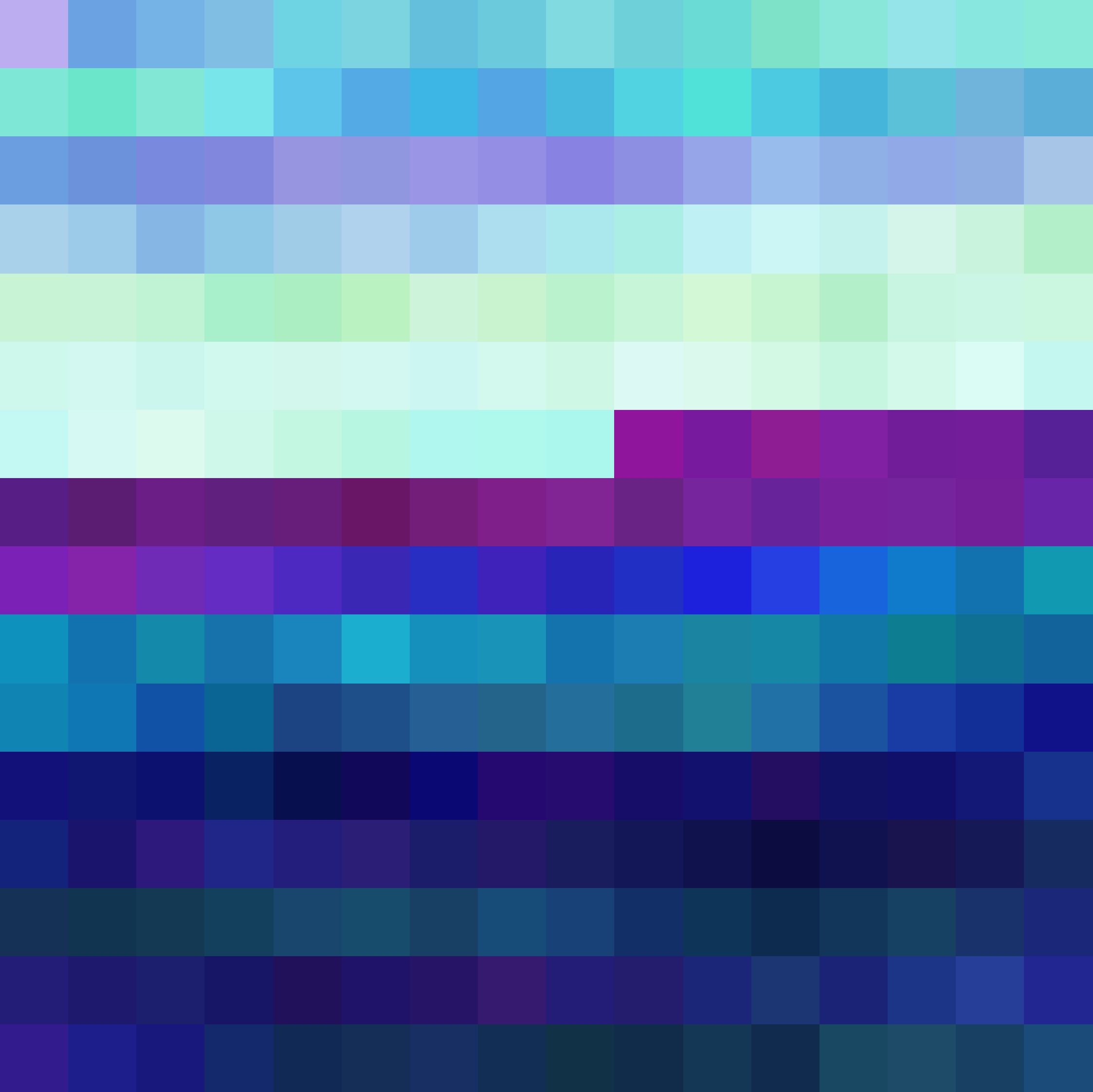Vasilis van Gemert - 14-08-2022

This pixel gradient—it is 4 cells wide, 4 cells high—is mostly red, but it also has some orange, and a little bit of magenta in it.
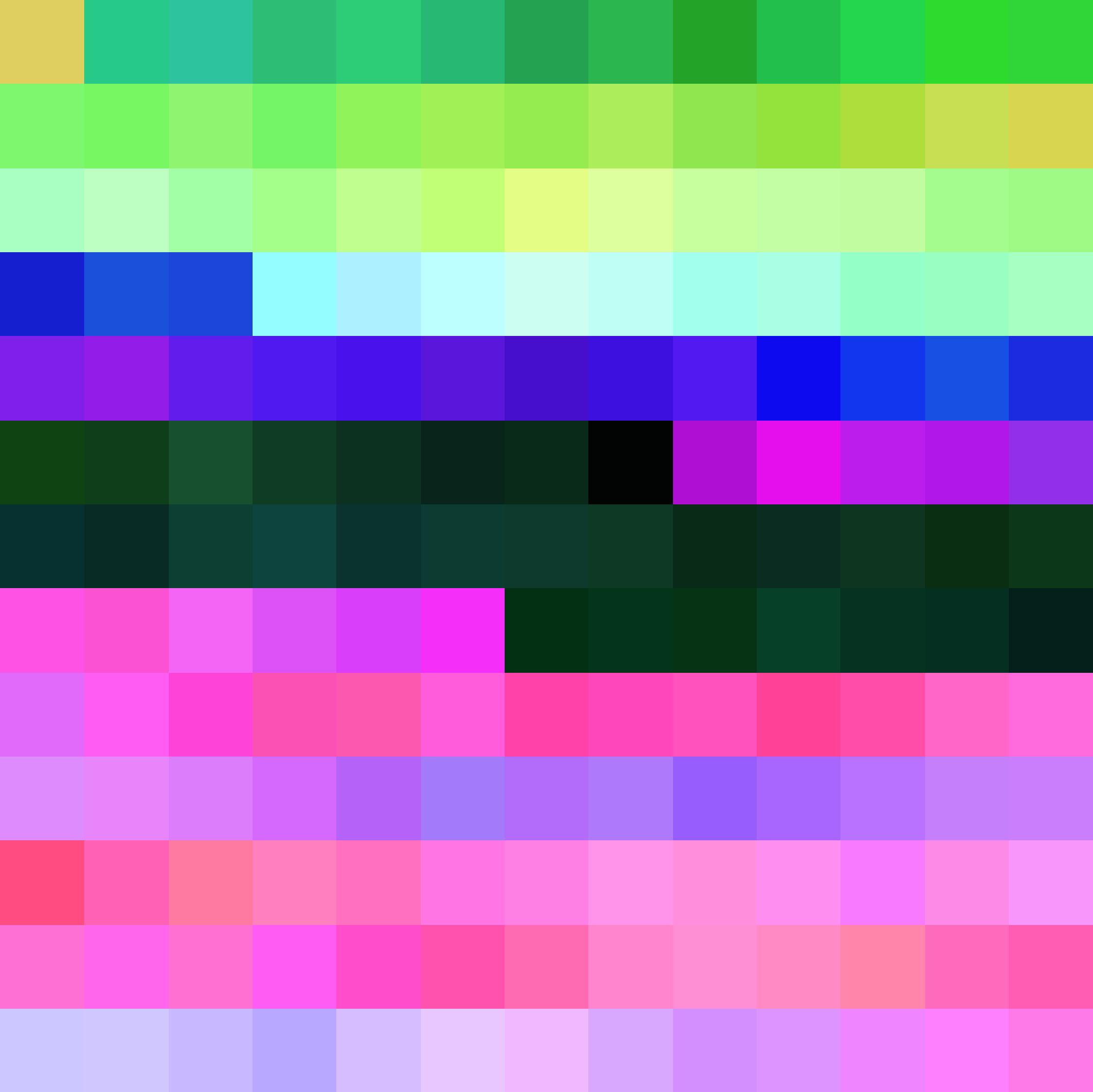
Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly red, and it also has quite some rose, quite some magenta, and a bit of orange in it.

The two tone gradient in this 5 by 5 pixel grid is mostly blue, but it also has a bit of indigo in it.

A 16 by 16 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some cyan, some indigo, some green, a bit of purple, a tiny bit of magenta, and a tiny bit of violet 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 some magenta, some purple, a bit of cyan, a bit of rose, a bit of indigo, a little bit of violet, a little bit of blue, a tiny bit of yellow, and a tiny bit of lime in it.
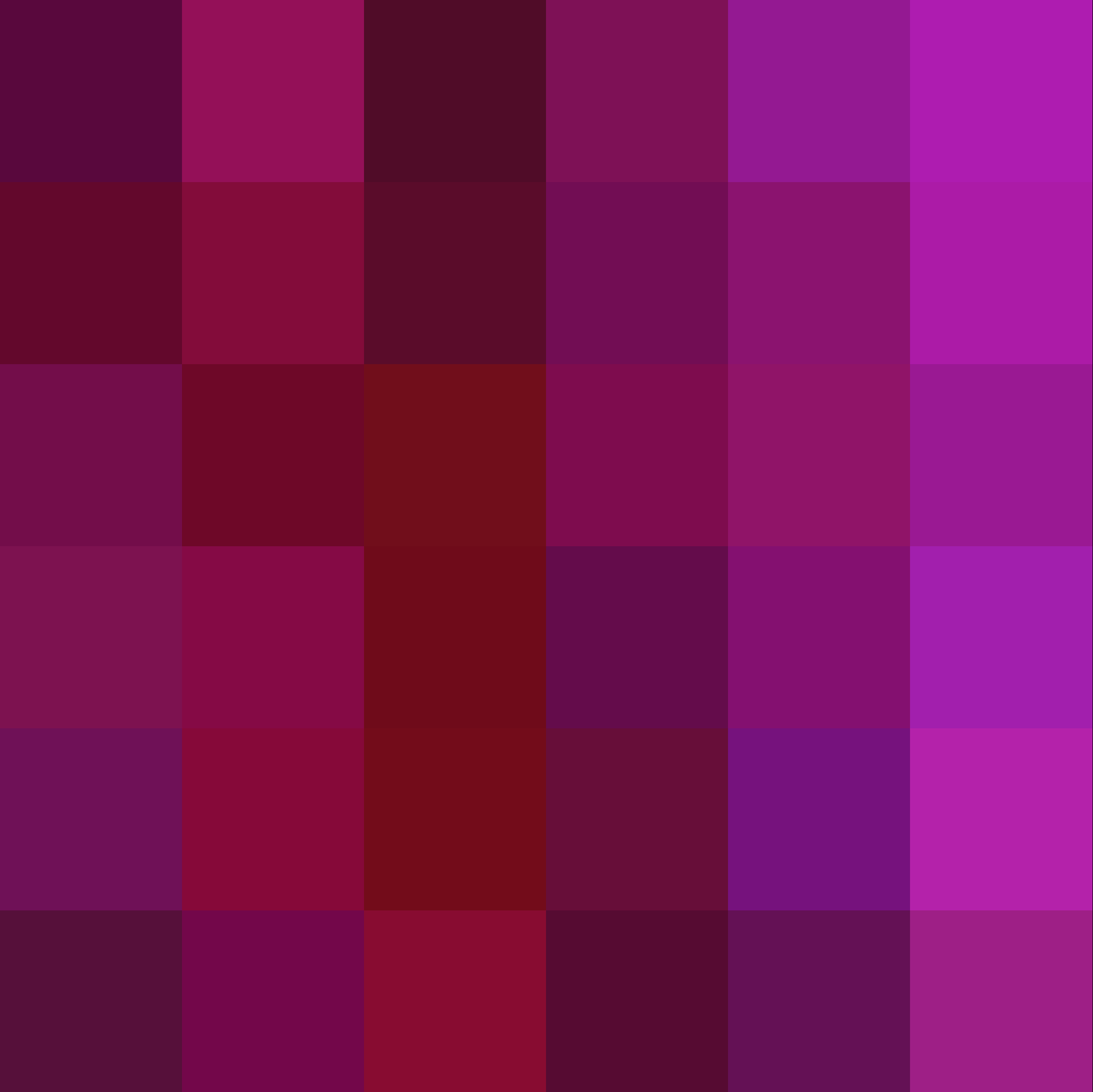
The colourful gradient in this 8 by 8 pixel grid is mostly yellow, and it also has quite some red, quite some orange, a little bit of green, and a tiny bit of lime in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly magenta, but it also has quite some rose, and a little bit of red in it.
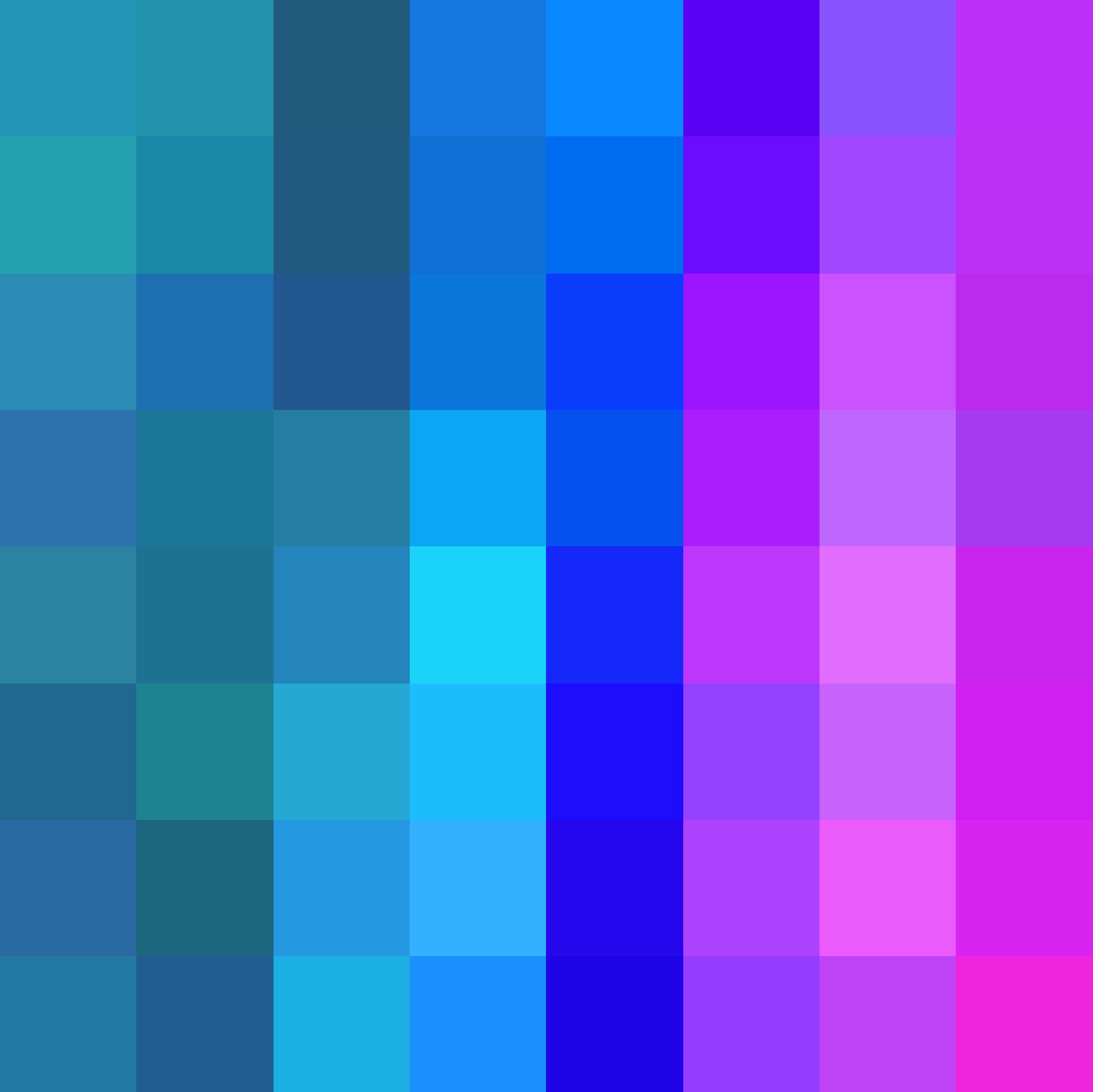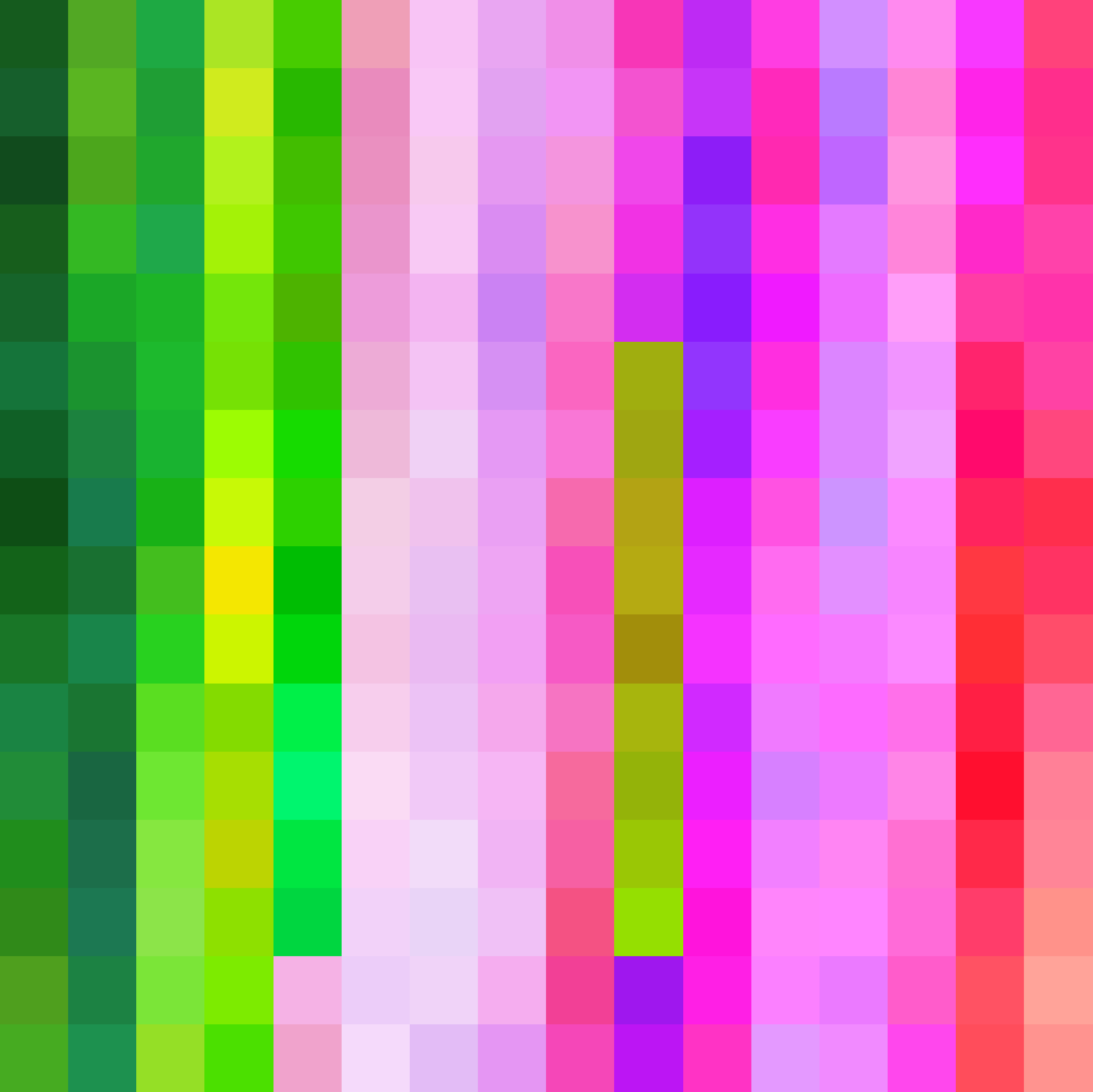
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly magenta, but it also has quite some rose, and a bit of red in it.

A very colourful grid of 49 blocks. It's mostly green, but it also has quite some cyan, some red, some orange, a bit of yellow, and a little bit of lime in it.
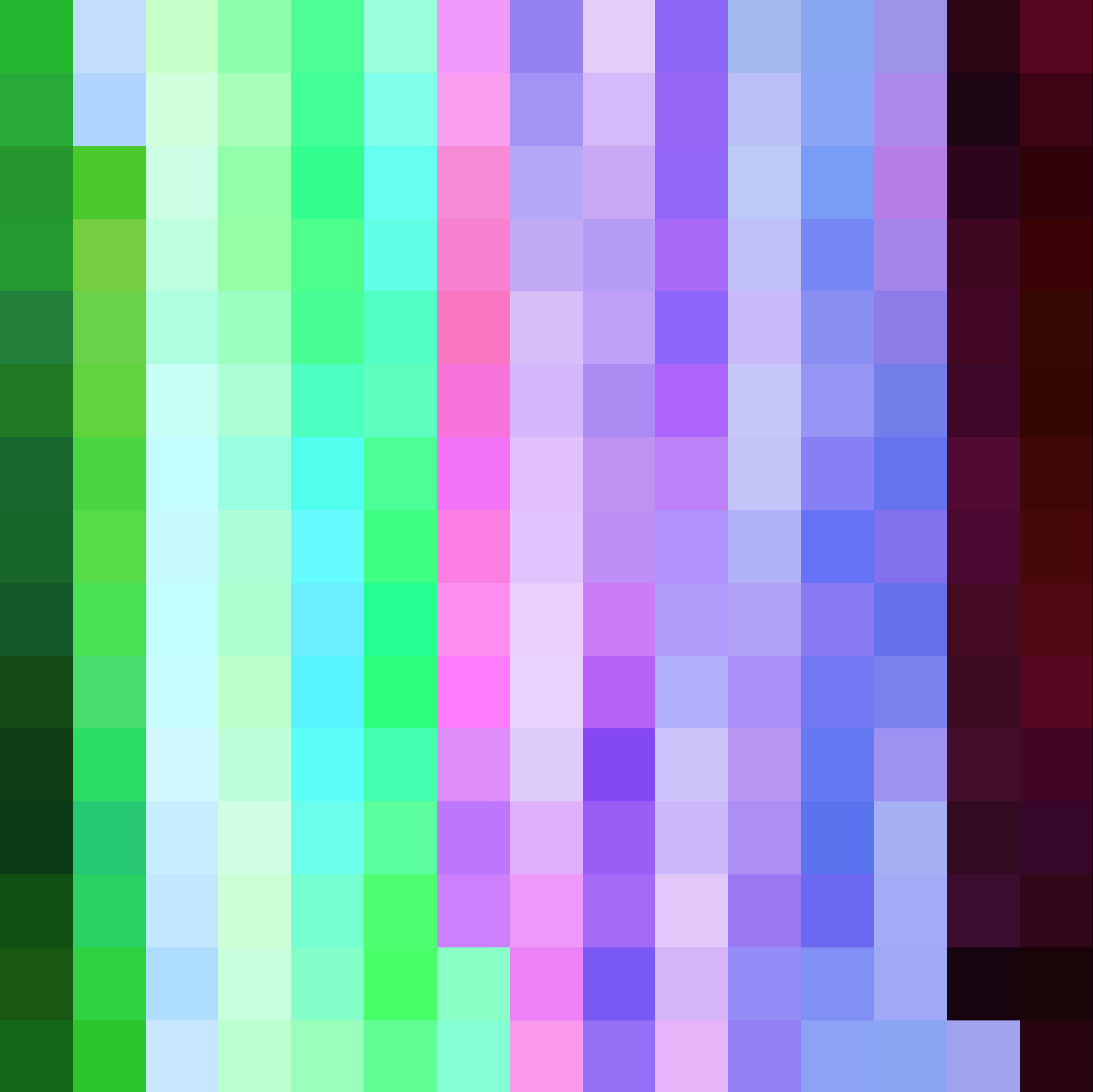
A very colourful grid of 64 blocks. It's mostly blue, and it also has quite some purple, a bit of cyan, a bit of violet, a little bit of indigo, and a little bit of magenta in it.
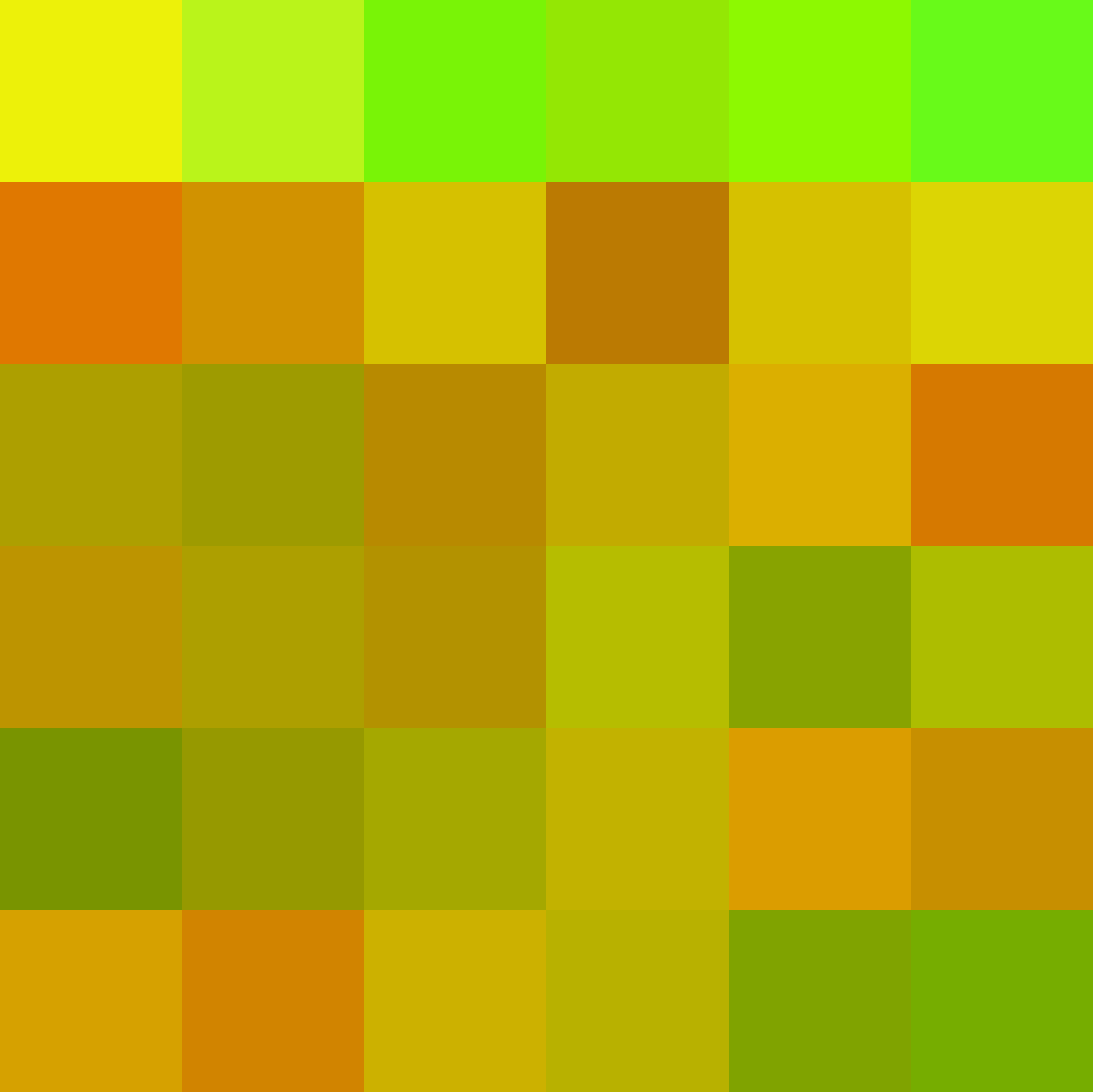
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some green, some purple, a bit of rose, a little bit of red, a little bit of yellow, a tiny bit of lime, and a tiny bit of violet in it.

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

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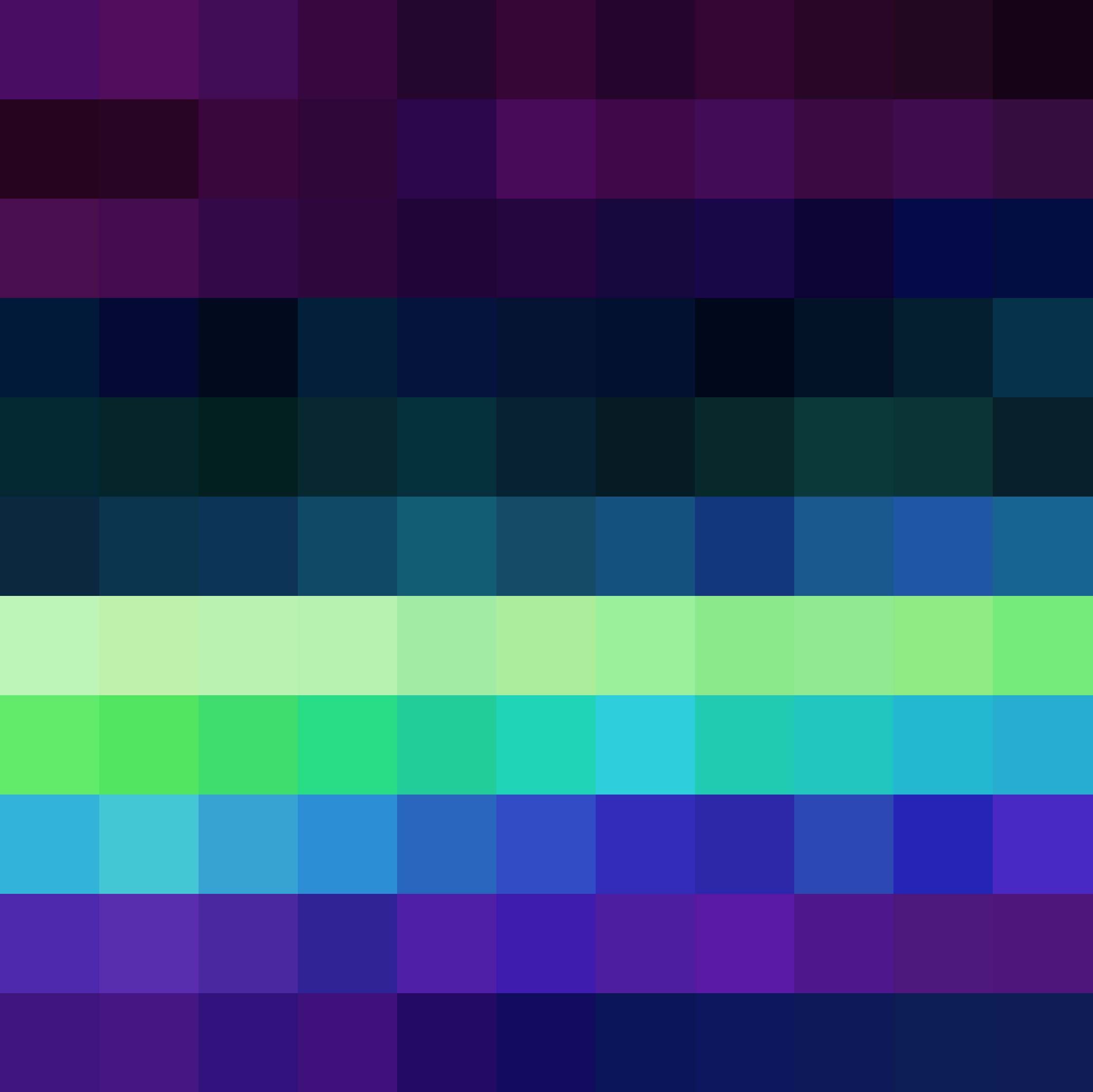
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly yellow, but it also has quite some orange, some green, and some lime in it.
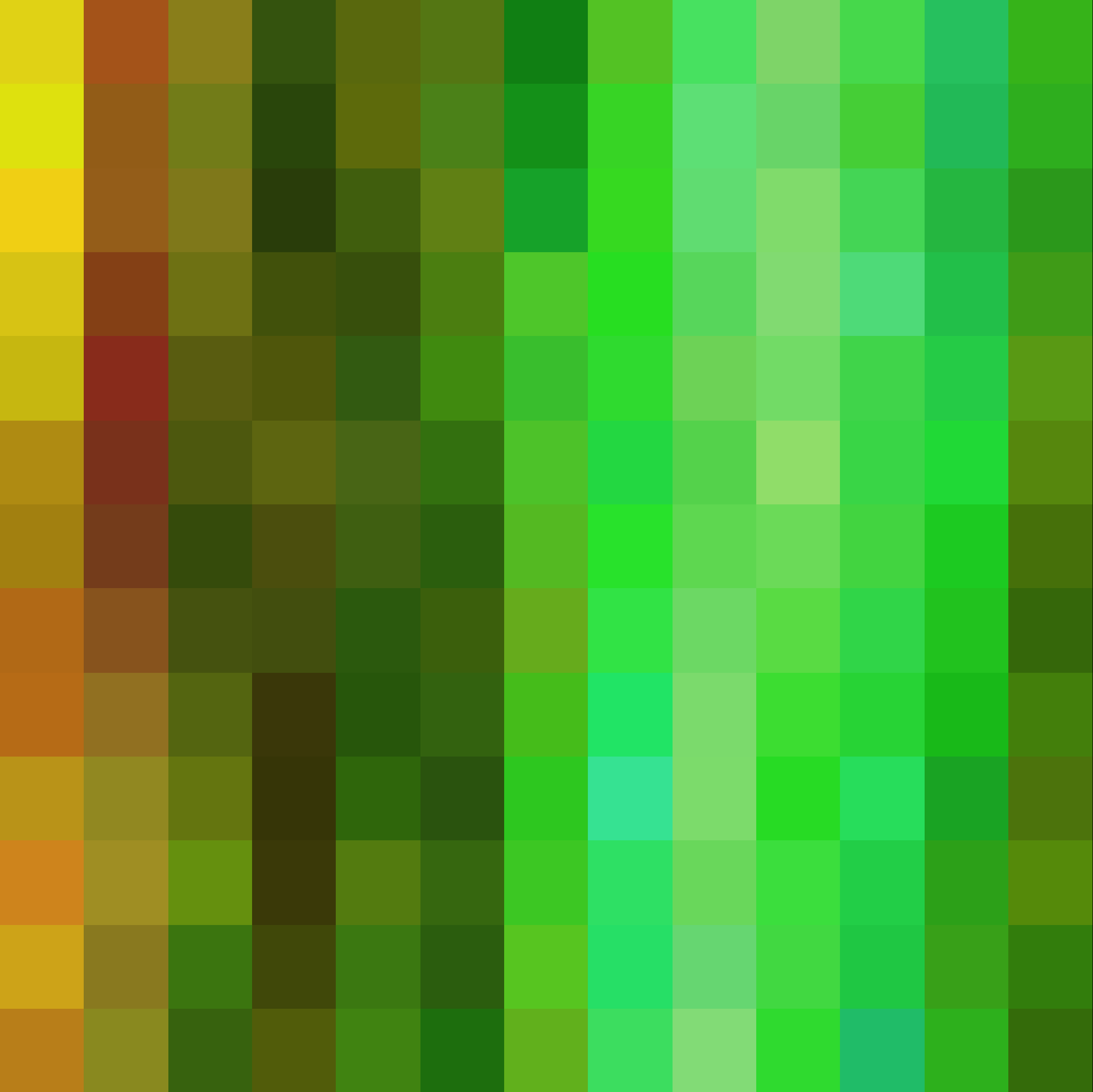
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly magenta, and it also has quite some yellow, some red, some orange, a little bit of rose, a little bit of lime, a little bit of purple, and a tiny bit of green in it.

This very colourful pixel gradient—it is 11 cells wide, 11 cells high—is mostly blue, but it also has some purple, some green, some indigo, some cyan, a bit of magenta, and a bit of violet in it.

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

A very, very colourful grid of 100 blocks. It's mostly magenta, but it also has some purple, some green, some rose, some indigo, a bit of violet, a tiny bit of lime, a tiny bit of blue, a tiny bit of yellow, and a tiny bit of red in it.
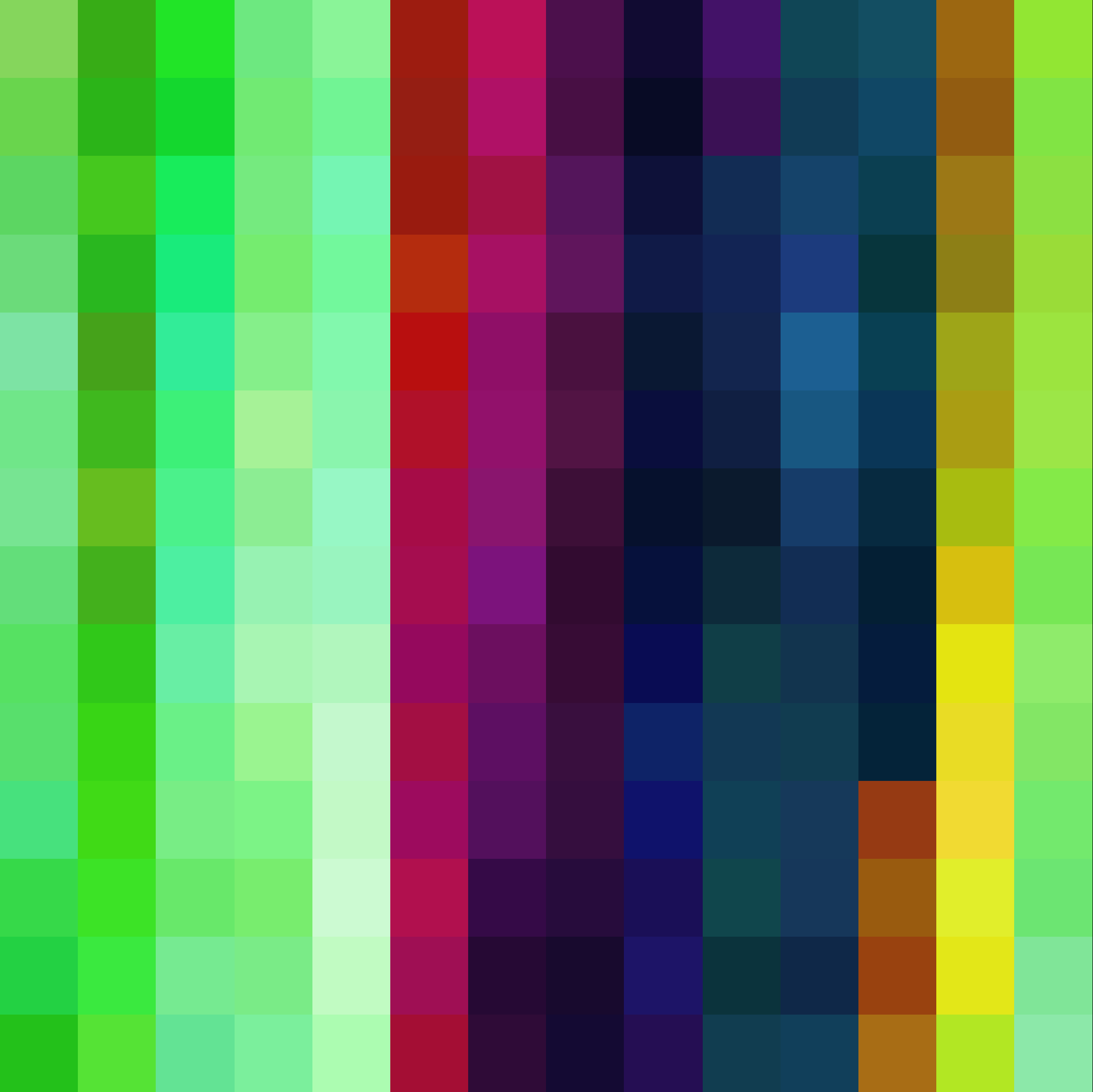
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some blue, some cyan, and a tiny bit of lime in it.
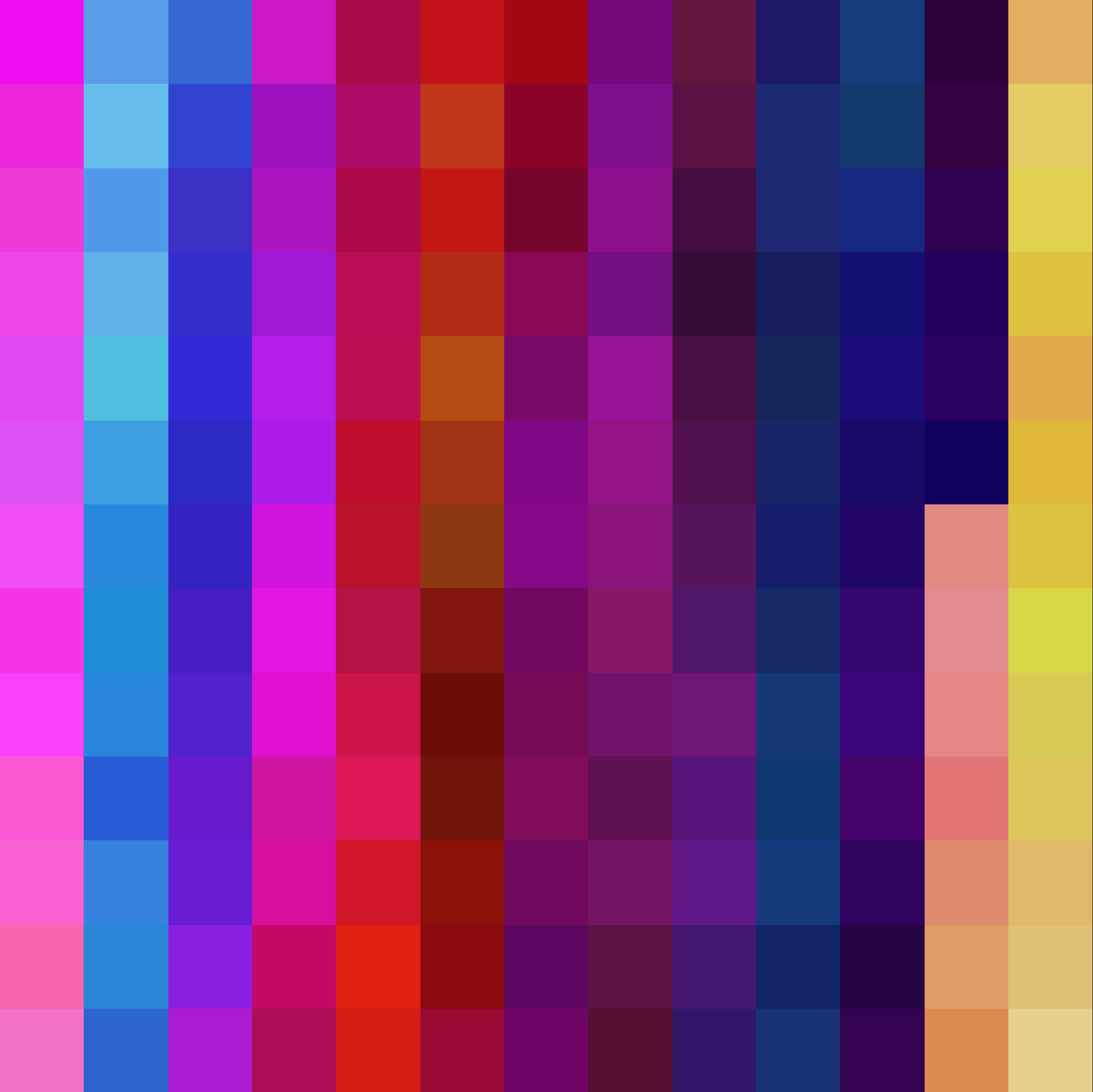
This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly blue, but it also has some magenta, some indigo, some purple, a bit of red, a bit of yellow, a bit of violet, a little bit of green, a little bit of lime, a little bit of rose, and a little bit of orange in it.

Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly purple, and it also has quite some indigo, a bit of red, a little bit of orange, and a little bit of blue in it.

Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has quite some red, some blue, a little bit of yellow, a little bit of orange, a tiny bit of cyan, and a tiny bit of lime in it.

The very, very colourful gradient in this 13 by 13 pixel grid is mostly magenta, and it also has some blue, some red, a bit of purple, a bit of rose, a bit of indigo, a little bit of yellow, a little bit of violet, a little bit of orange, and a tiny bit of cyan in it.
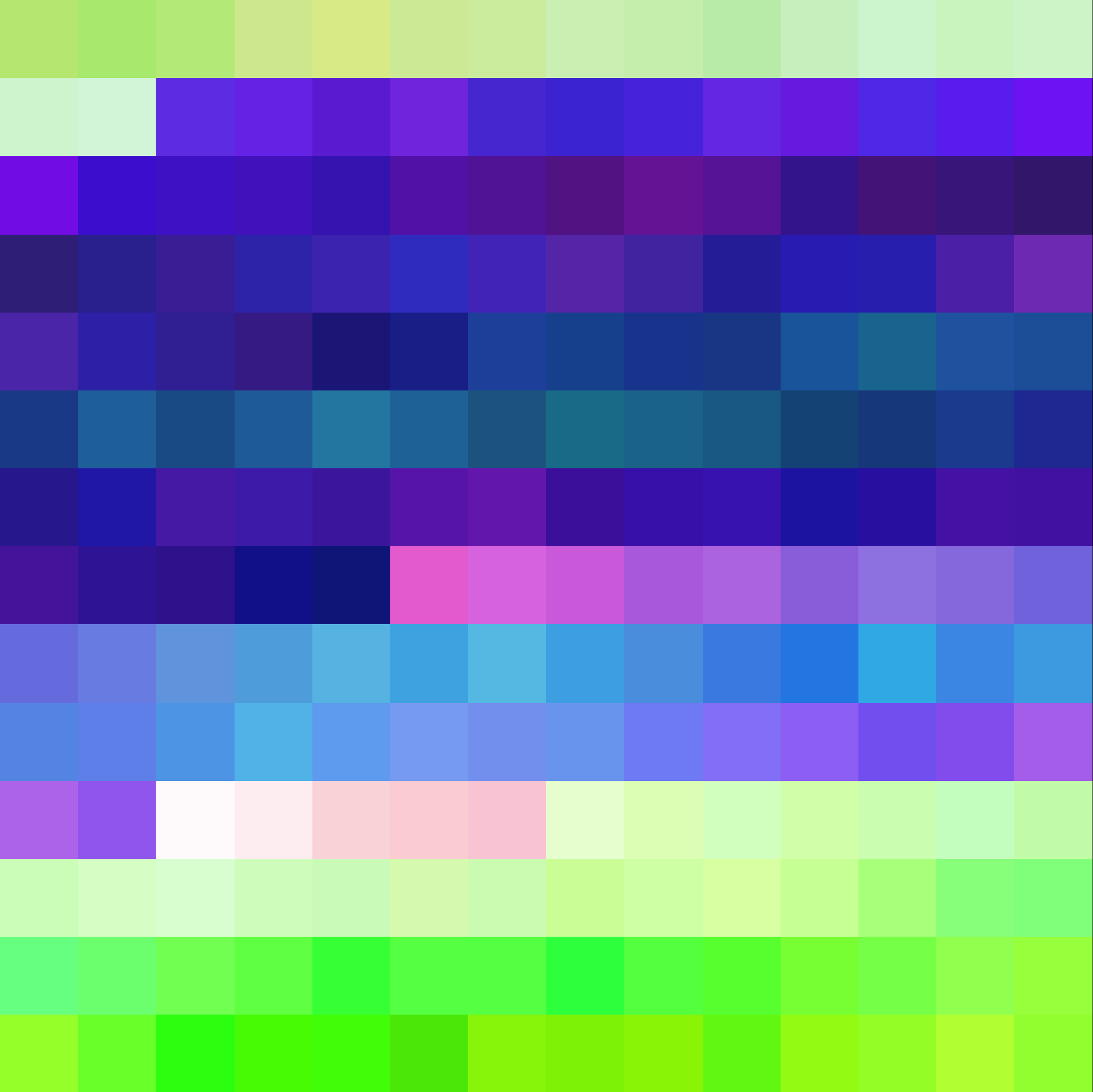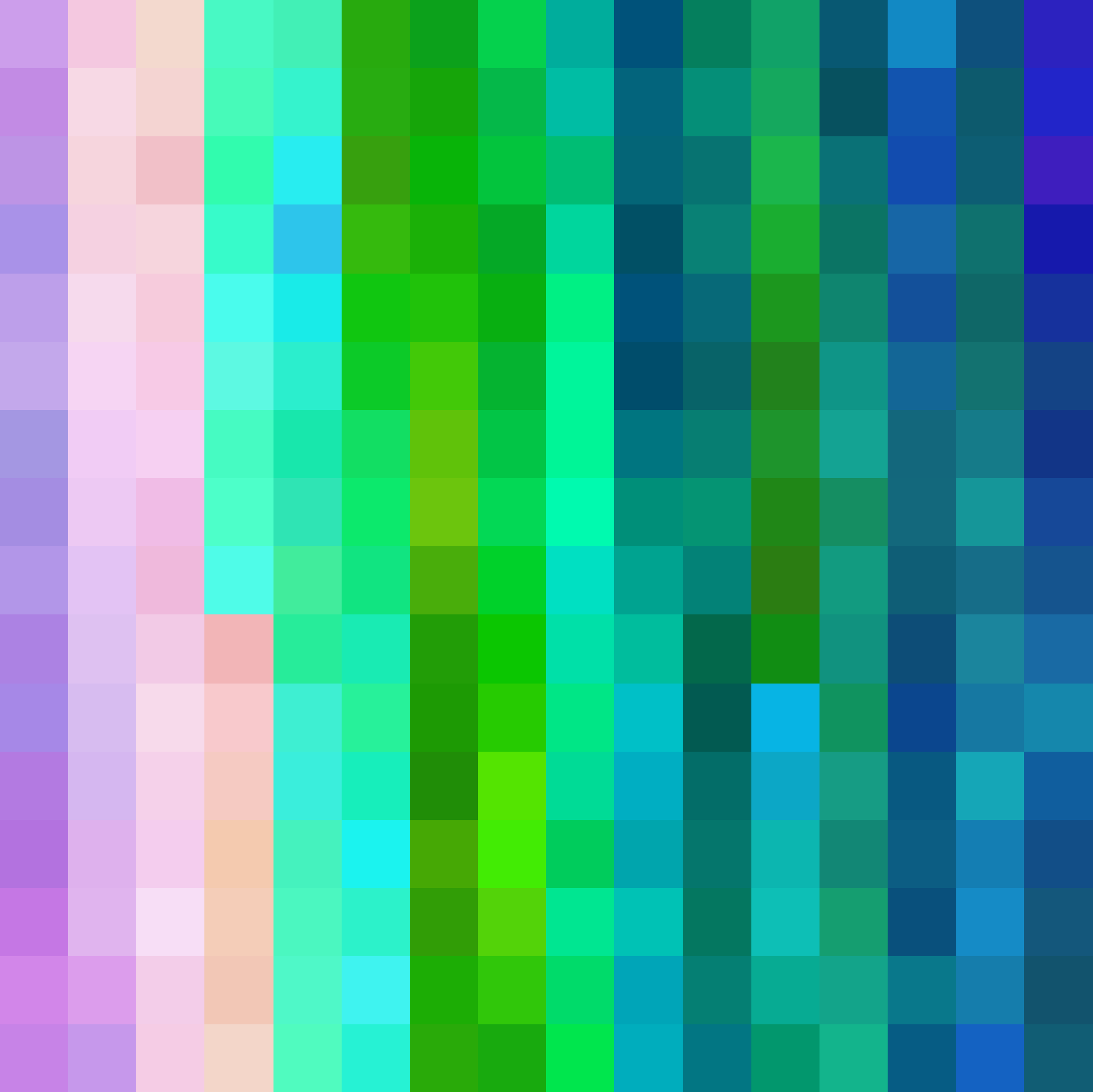
A very, very colourful grid of 256 blocks. It's mostly green, but it also has some purple, a bit of cyan, a little bit of yellow, a little bit of indigo, a little bit of lime, a little bit of violet, and a tiny bit of magenta in it.
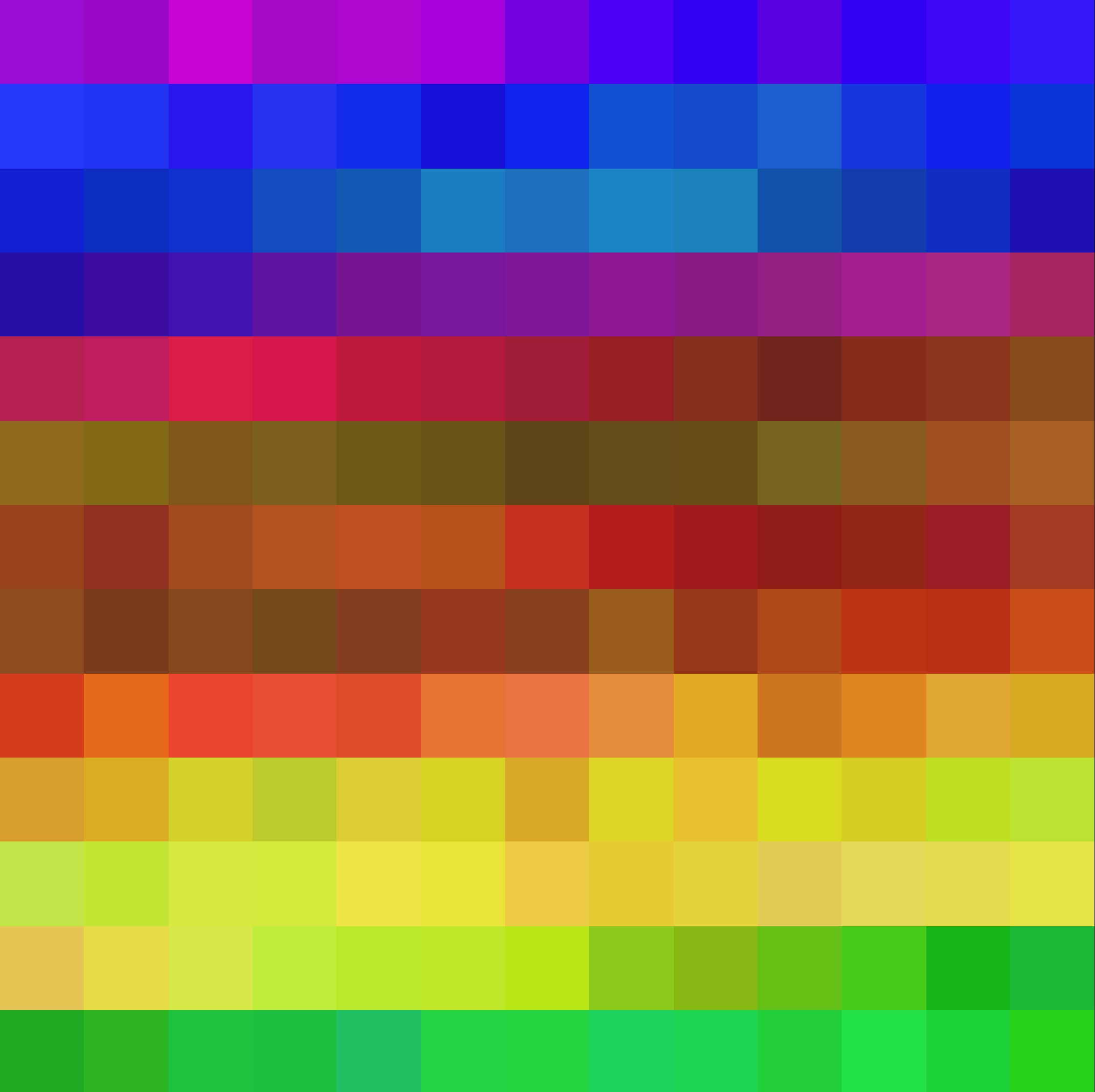
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some blue, some indigo, a little bit of lime, a tiny bit of cyan, a tiny bit of violet, a tiny bit of yellow, and a tiny bit of purple in it.

A grid with 196 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some indigo, quite some blue, a bit of violet, a little bit of purple, a tiny bit of magenta, a tiny bit of red, a tiny bit of lime, and a tiny bit of rose in it.
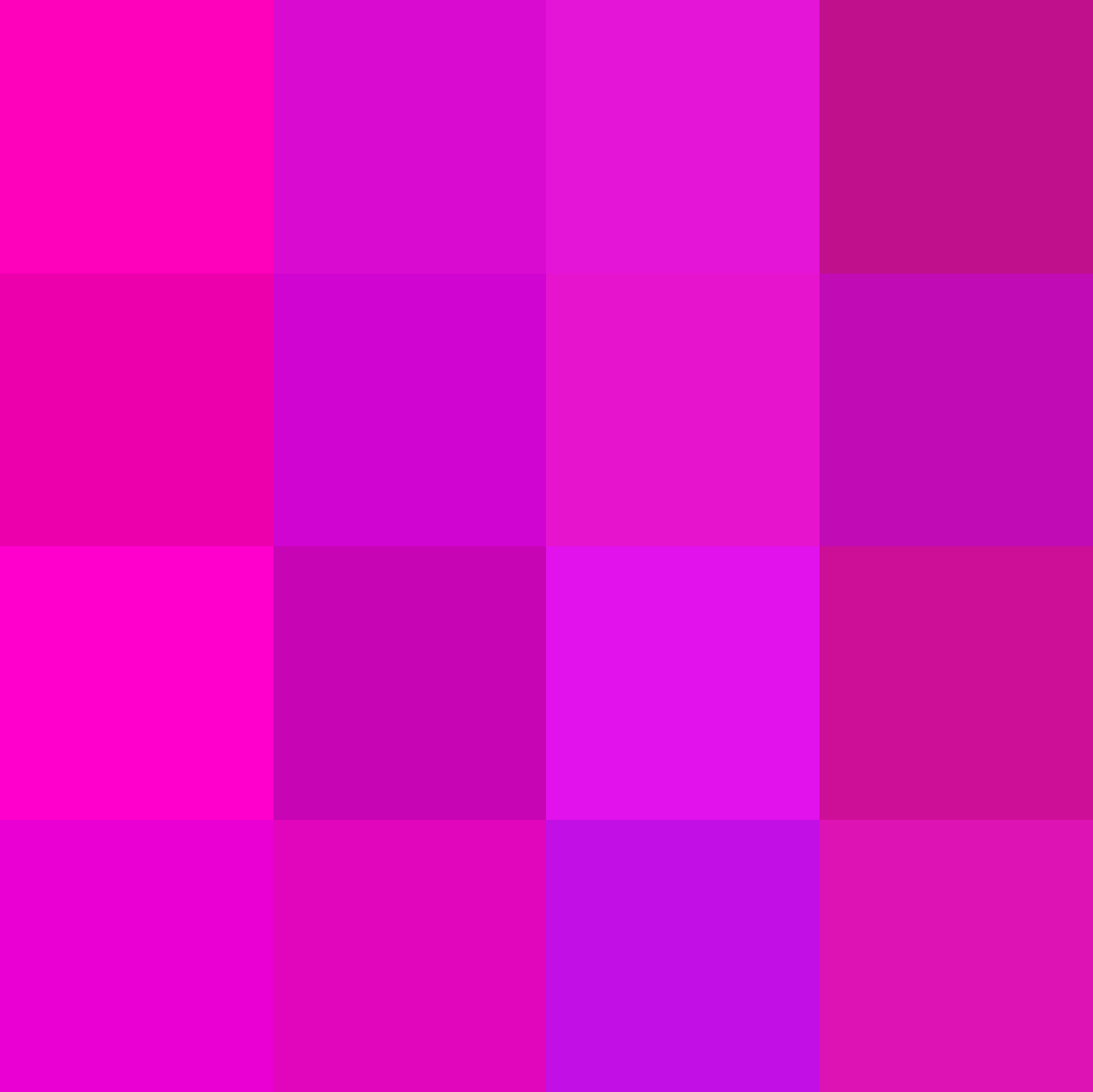
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly green, but it also has quite some cyan, some blue, a little bit of purple, a little bit of magenta, a little bit of indigo, a little bit of red, a tiny bit of orange, a tiny bit of violet, and a tiny bit of rose in it.
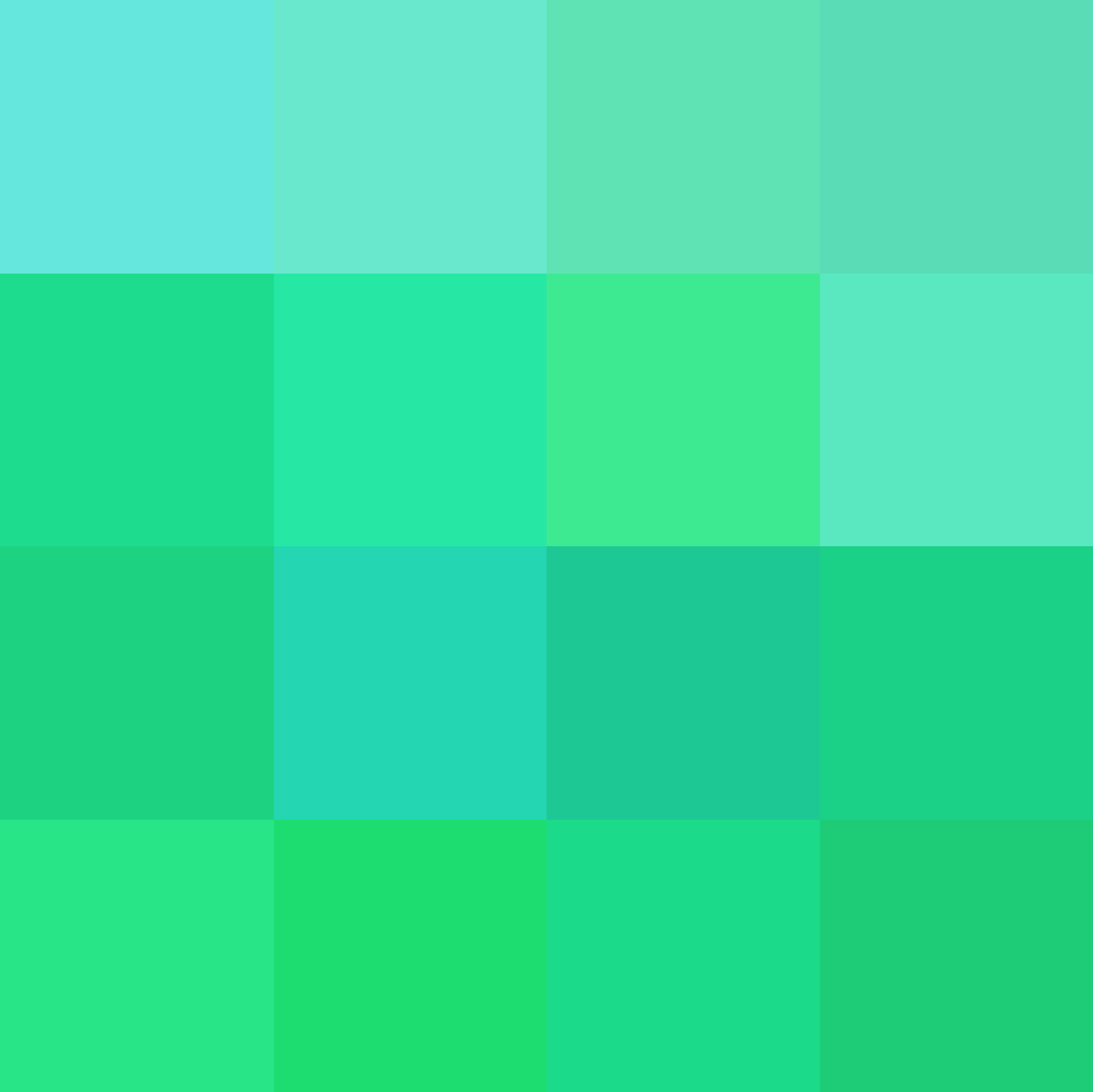
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, and it also has some red, some yellow, some blue, some green, a bit of indigo, a little bit of purple, a little bit of lime, a little bit of magenta, a tiny bit of rose, and a tiny bit of violet in it.

The colourful gradient in this 15 by 15 pixel grid is mostly green, and it also has quite some orange, some yellow, some red, and some lime in it.
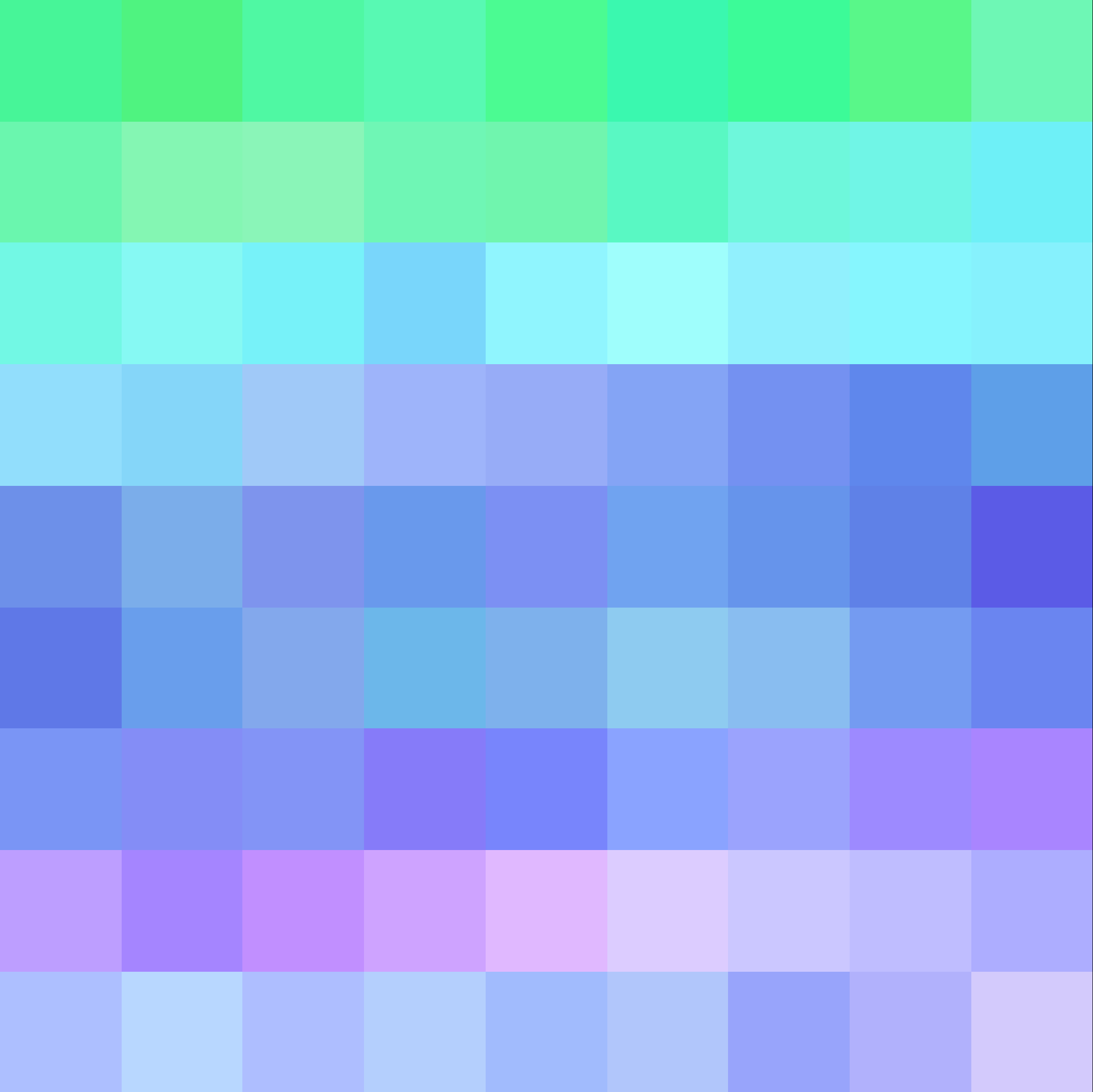
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly magenta, but it also has a little bit of purple in it.

This two tone gradient, generated in this 4 by 4 pixel grid, is mostly green, but it also has some cyan in it.
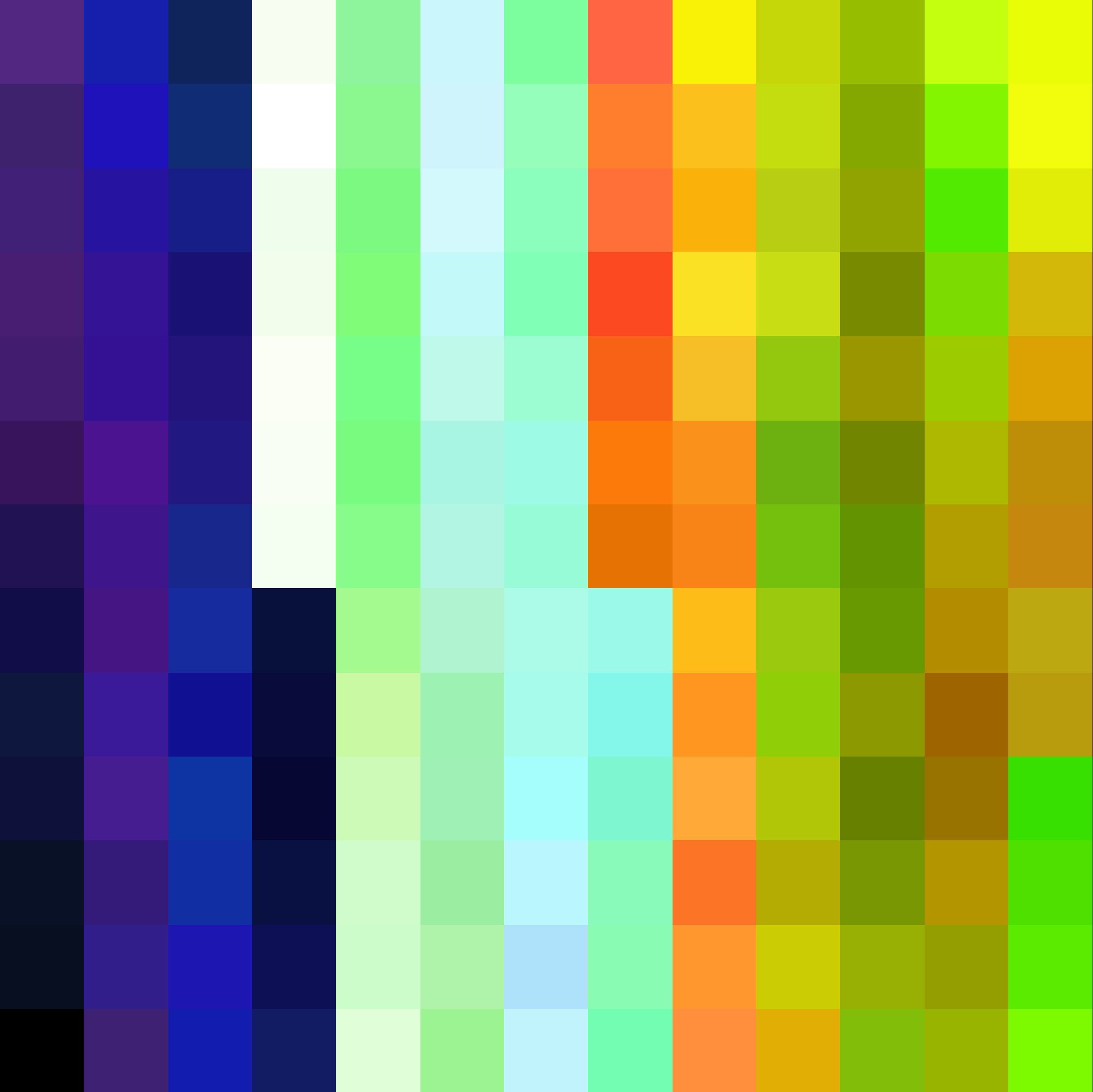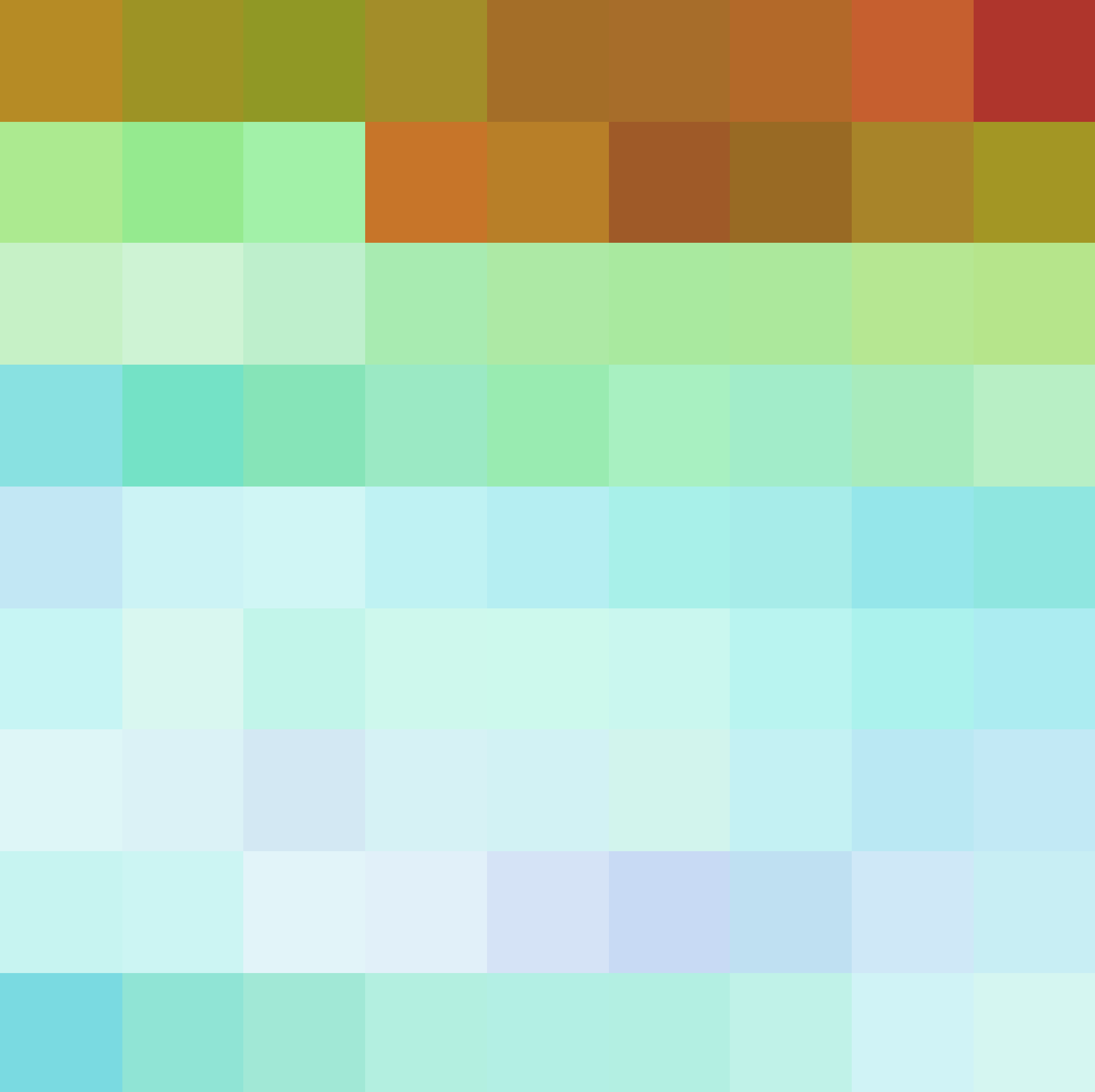
This very colourful gradient, generated in this 9 by 9 pixel grid, is mostly blue, and it also has some green, some cyan, some indigo, a tiny bit of violet, and a tiny bit of purple in it.

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly red, but it also has some orange, some green, a bit of magenta, a bit of rose, a bit of blue, a little bit of yellow, a little bit of indigo, a little bit of purple, a little bit of lime, and a tiny bit of violet in it.
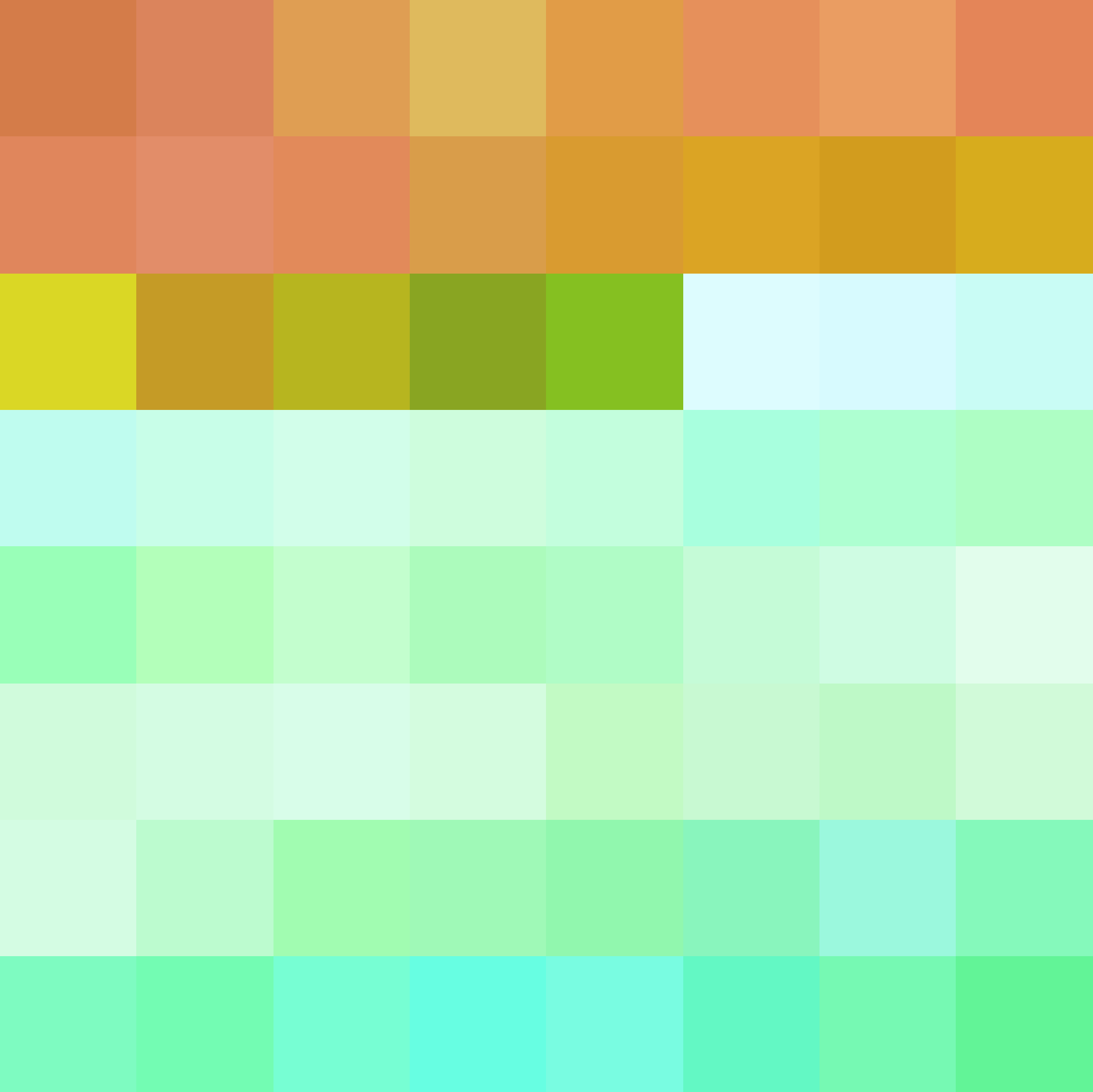
This very, very colourful gradient, generated in this 13 by 13 pixel grid, is mostly green, and it also has some yellow, some blue, some orange, a bit of cyan, a bit of indigo, a bit of violet, a little bit of lime, and a tiny bit of red in it.
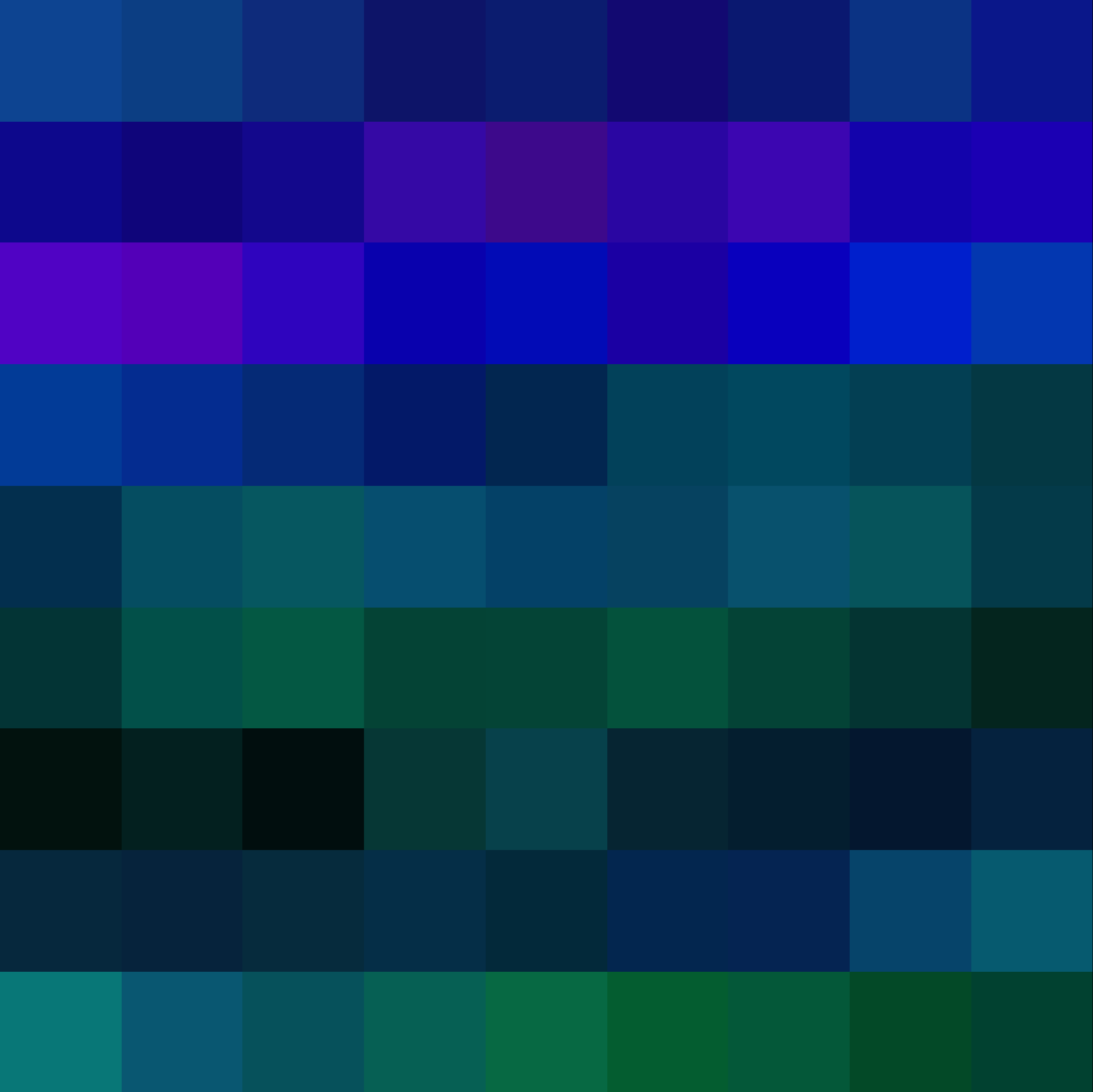
A very colourful grid of 81 blocks. It's mostly cyan, but it also has quite some green, some orange, a bit of blue, a little bit of yellow, and a tiny bit of red in it.

A grid of 64 blocks. It's mostly magenta, and it also has a lot of green, a bit of rose, and a little bit of purple in it.

This colourful gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has quite some orange, a bit of cyan, a little bit of yellow, and a tiny bit of lime in it.
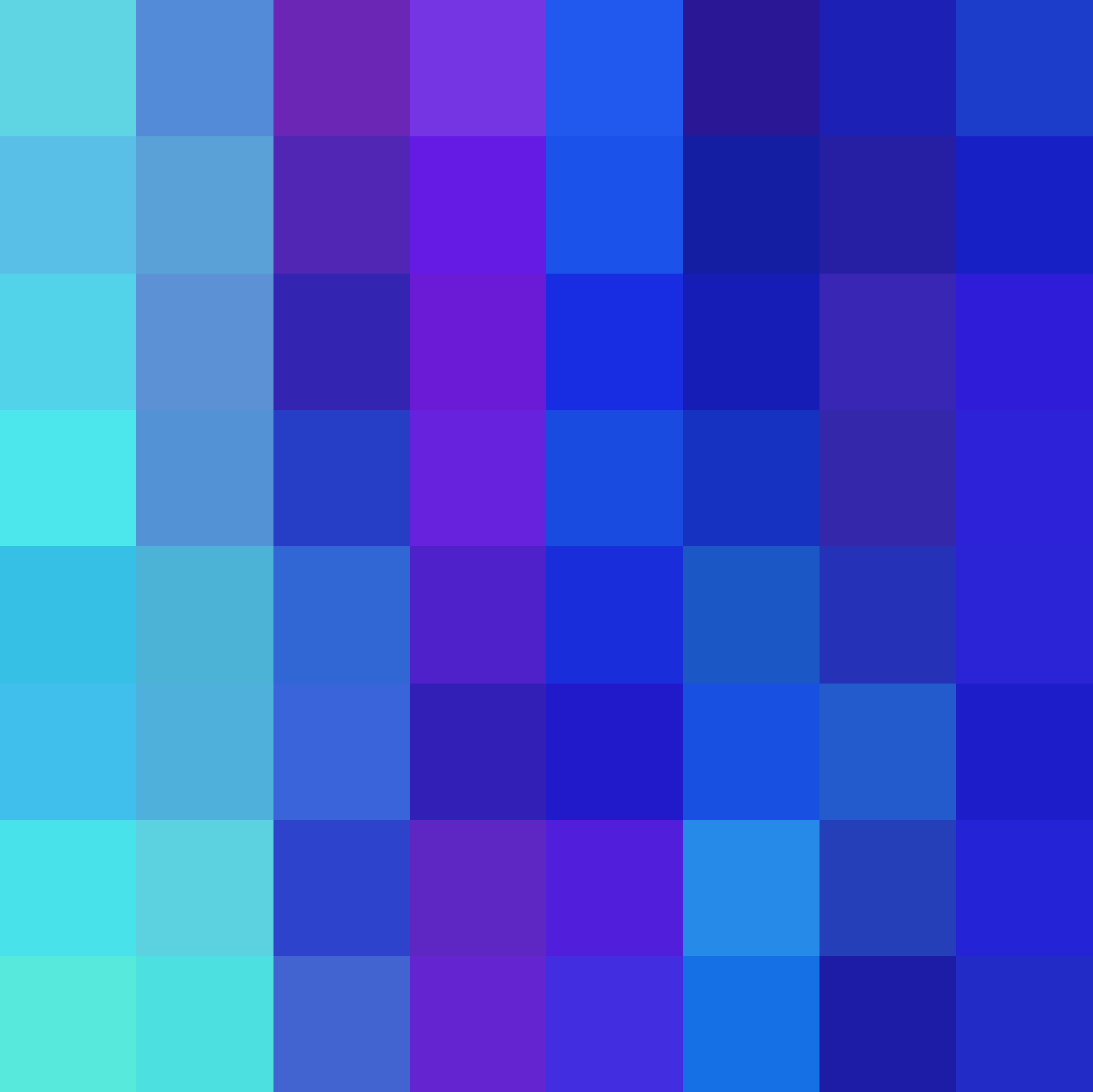
The cells in this 9 by 9 pixel grid form a colourful gradient. It is mostly blue, and it also has quite some cyan, some indigo, a bit of green, and a little bit of violet in it.

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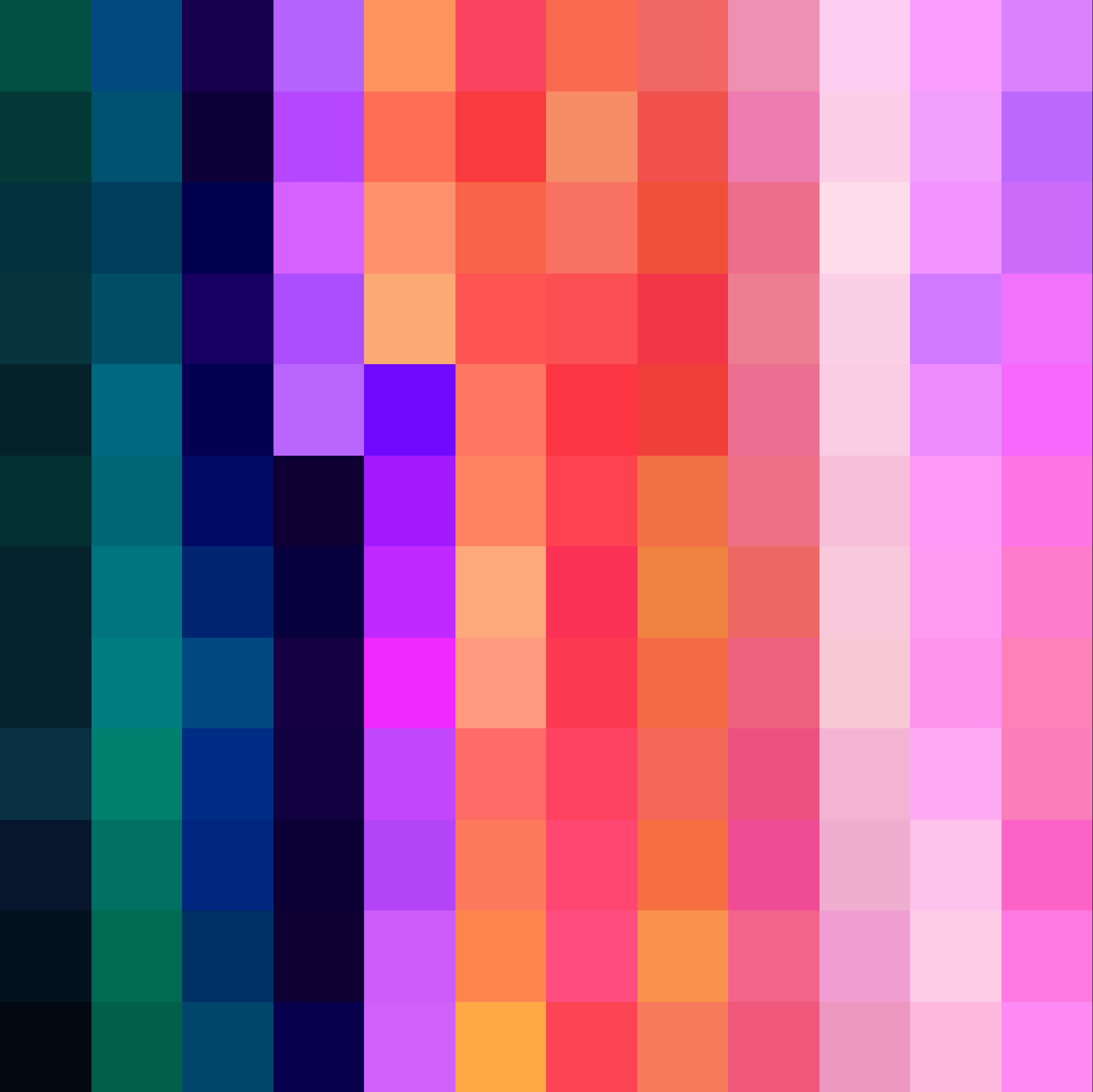
Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some indigo, some cyan, and some violet in it.

A very, very colourful grid of 225 blocks. It's mostly red, and it also has quite some orange, some rose, a bit of indigo, a bit of magenta, a little bit of violet, a little bit of yellow, a little bit of blue, and a little bit of purple in it.
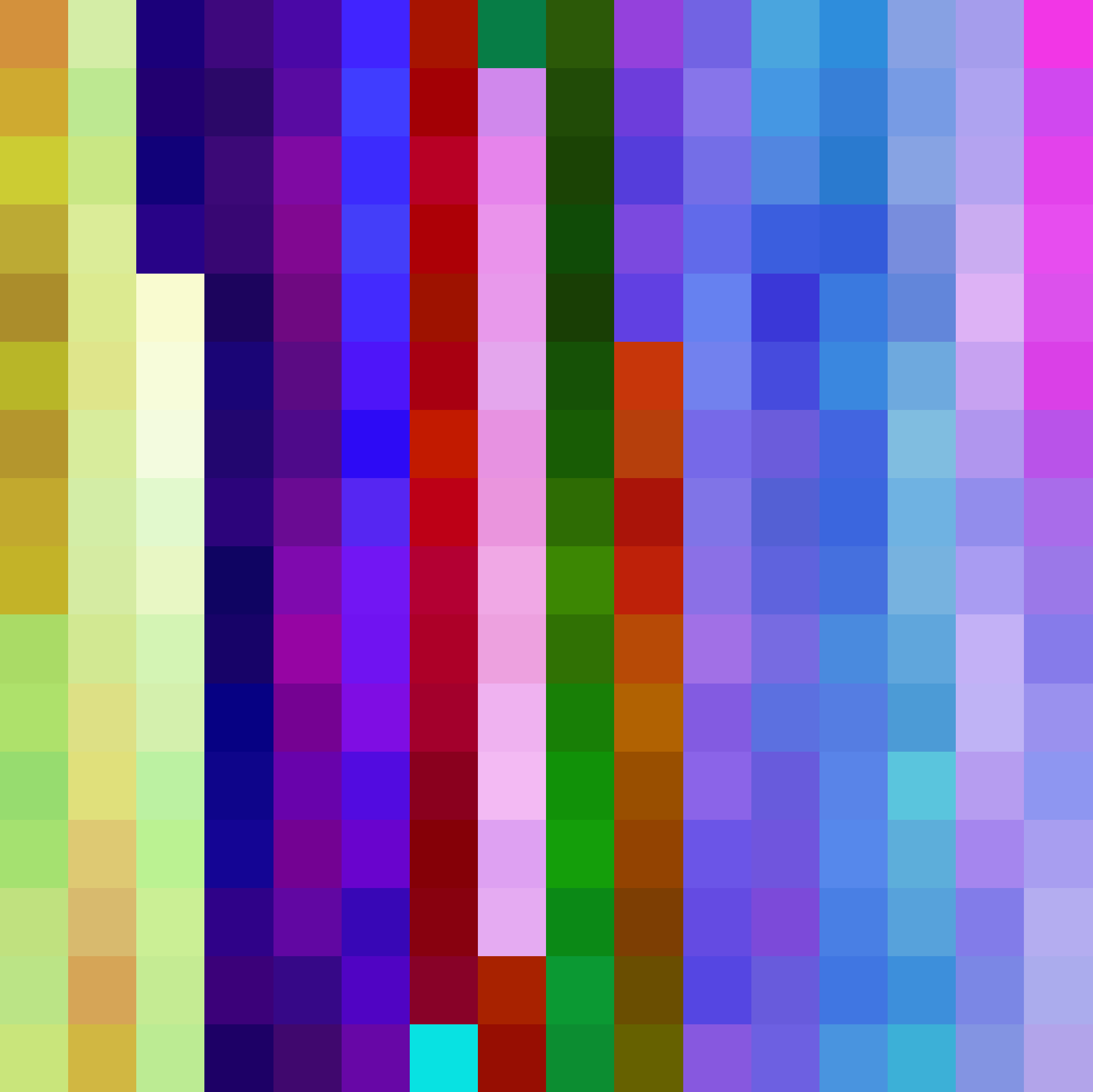
Here's a 5 by 5 pixelated grid that forms a colourful gradient. It is mostly red, and it also has quite some indigo, some orange, some violet, and some purple in it.

This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly red, but it also has some blue, a bit of cyan, a bit of indigo, a bit of purple, a little bit of orange, a tiny bit of magenta, and a tiny bit of violet in it.

This very, very colourful gradient, generated in this 14 by 14 pixel grid, is mostly magenta, and it also has some green, some red, some cyan, a bit of purple, a bit of yellow, a little bit of orange, a little bit of indigo, a little bit of blue, a little 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 indigo, but it also has some blue, some green, a bit of purple, a bit of yellow, a bit of violet, a bit of magenta, a bit of red, a little bit of orange, a little bit of lime, a tiny bit of rose, and a tiny bit of cyan in it.
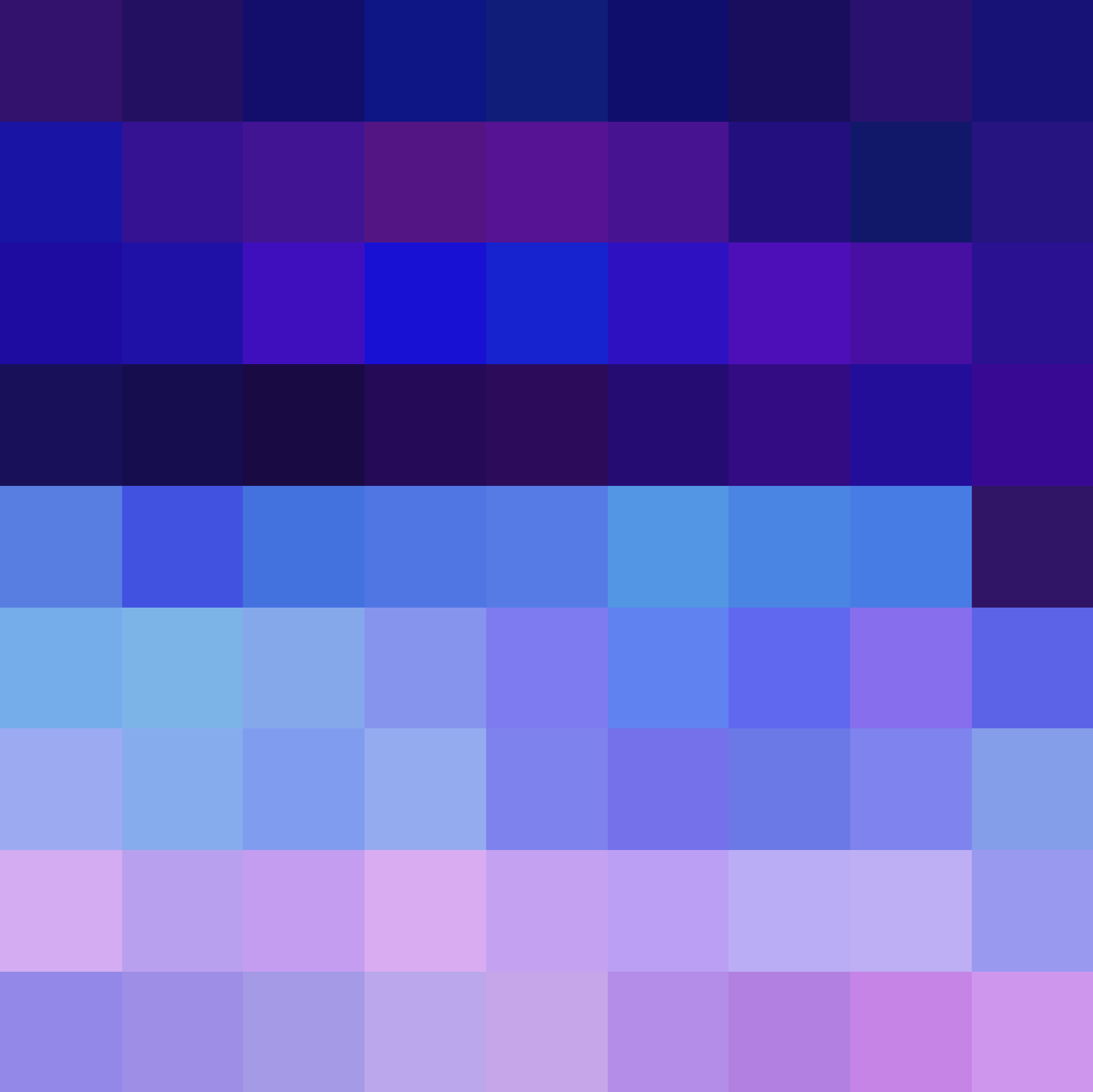
This colourful pixel gradient—it is 6 cells wide, 6 cells high—is mostly blue, and it also has quite some indigo, some cyan, a bit of violet, and a little bit of green in it.

Here's a 7 by 7 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has quite some cyan, quite some yellow, a bit of lime, a bit of red, a bit of blue, and a little bit of orange in it.
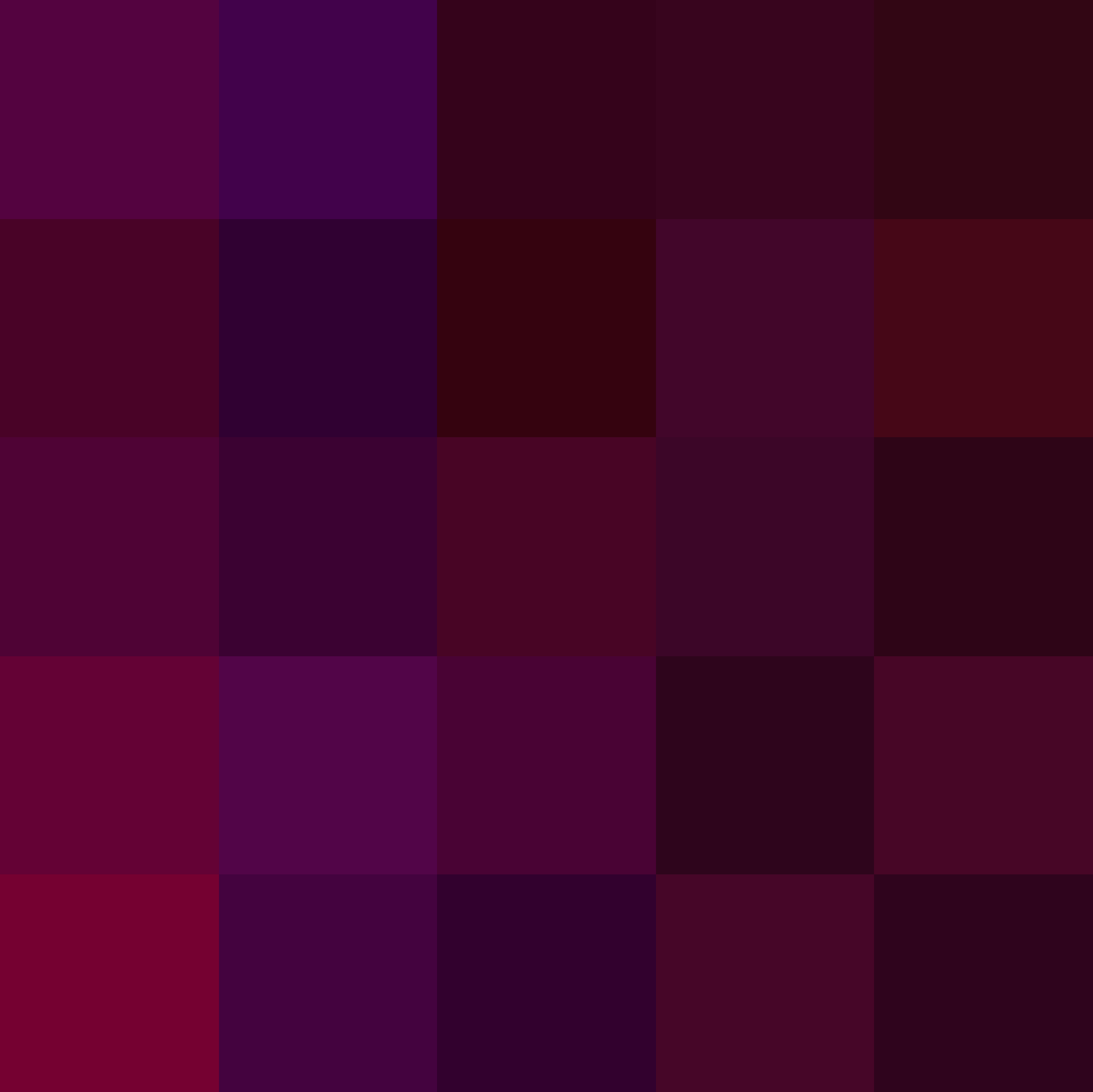
Here's a 9 by 9 pixelated grid that forms a gradient. It is mostly indigo, but it also has quite some blue, some violet, and a bit of purple in it.
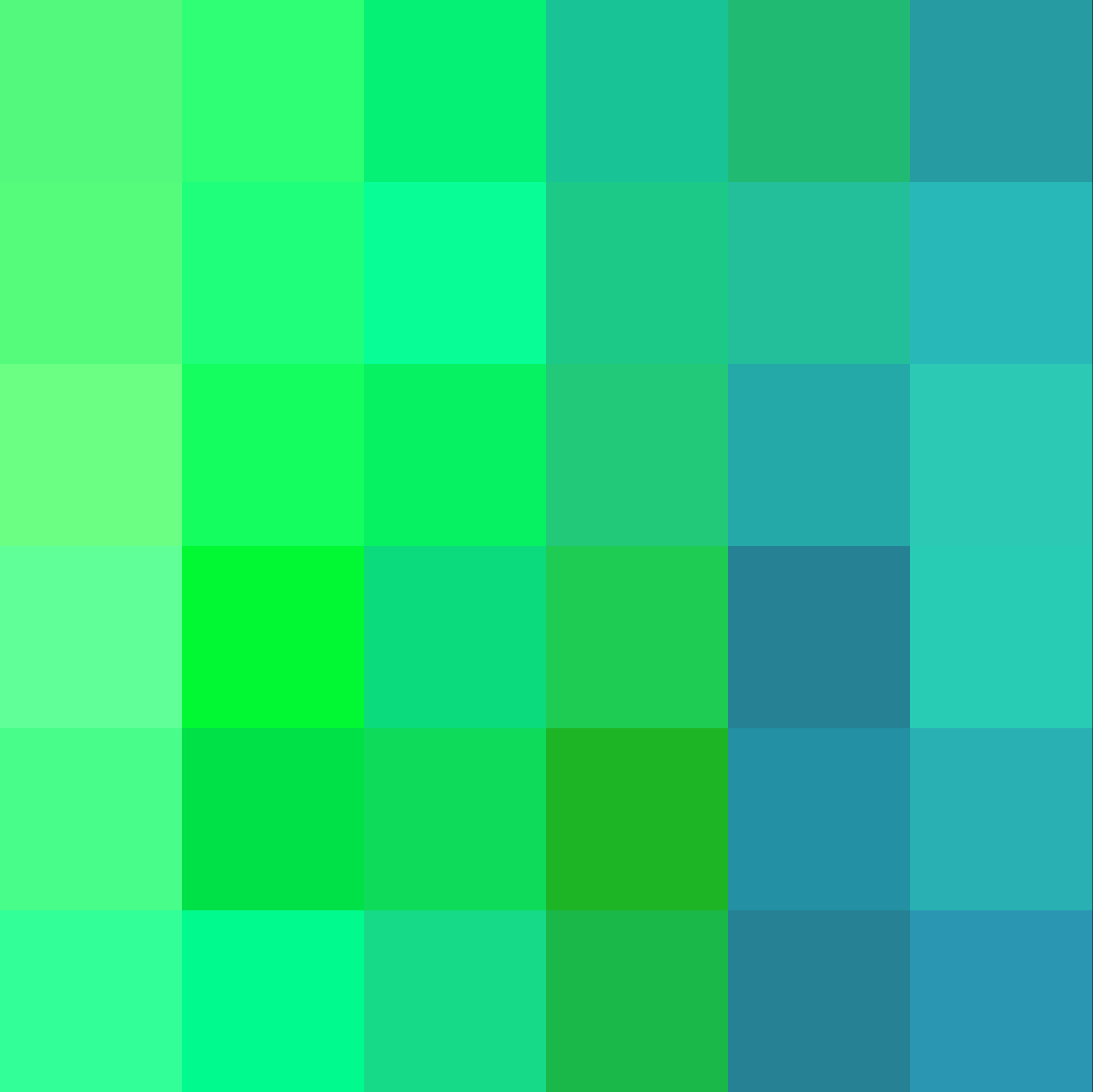
There's a very, very colourful pixel gradient in this 8 by 8 grid. It is mostly magenta, and it also has quite some purple, a bit of violet, a little bit of rose, a little bit of yellow, a little bit of lime, a little bit of indigo, a tiny bit of red, and a tiny bit of green in it.
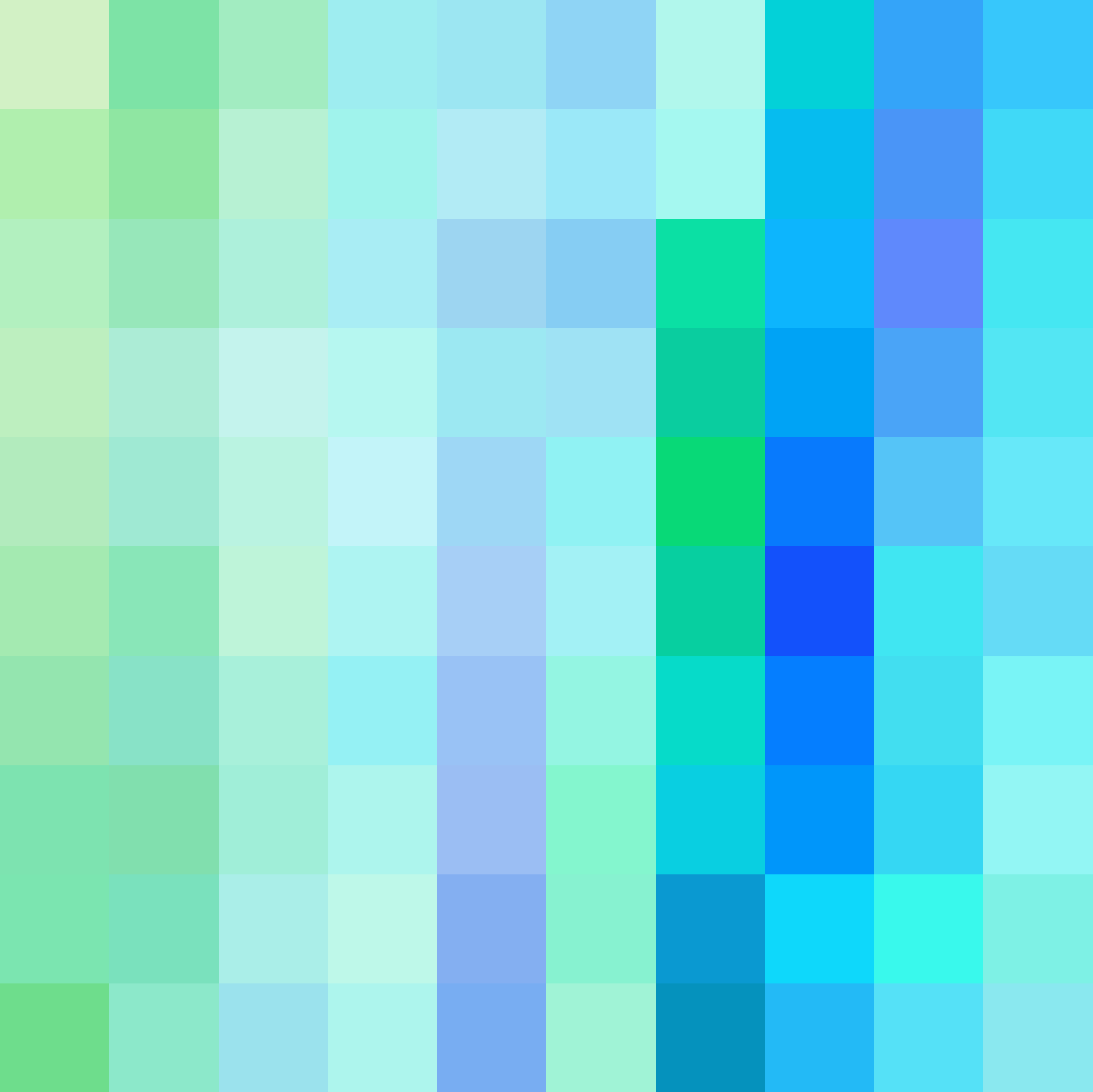
A very colourful grid of 81 blocks. It's mostly orange, and it also has some yellow, some green, a bit of red, a tiny bit of cyan, and a tiny bit of lime in it.

A grid with 25 coloured squares that form a
gradient. The colours are various shades of
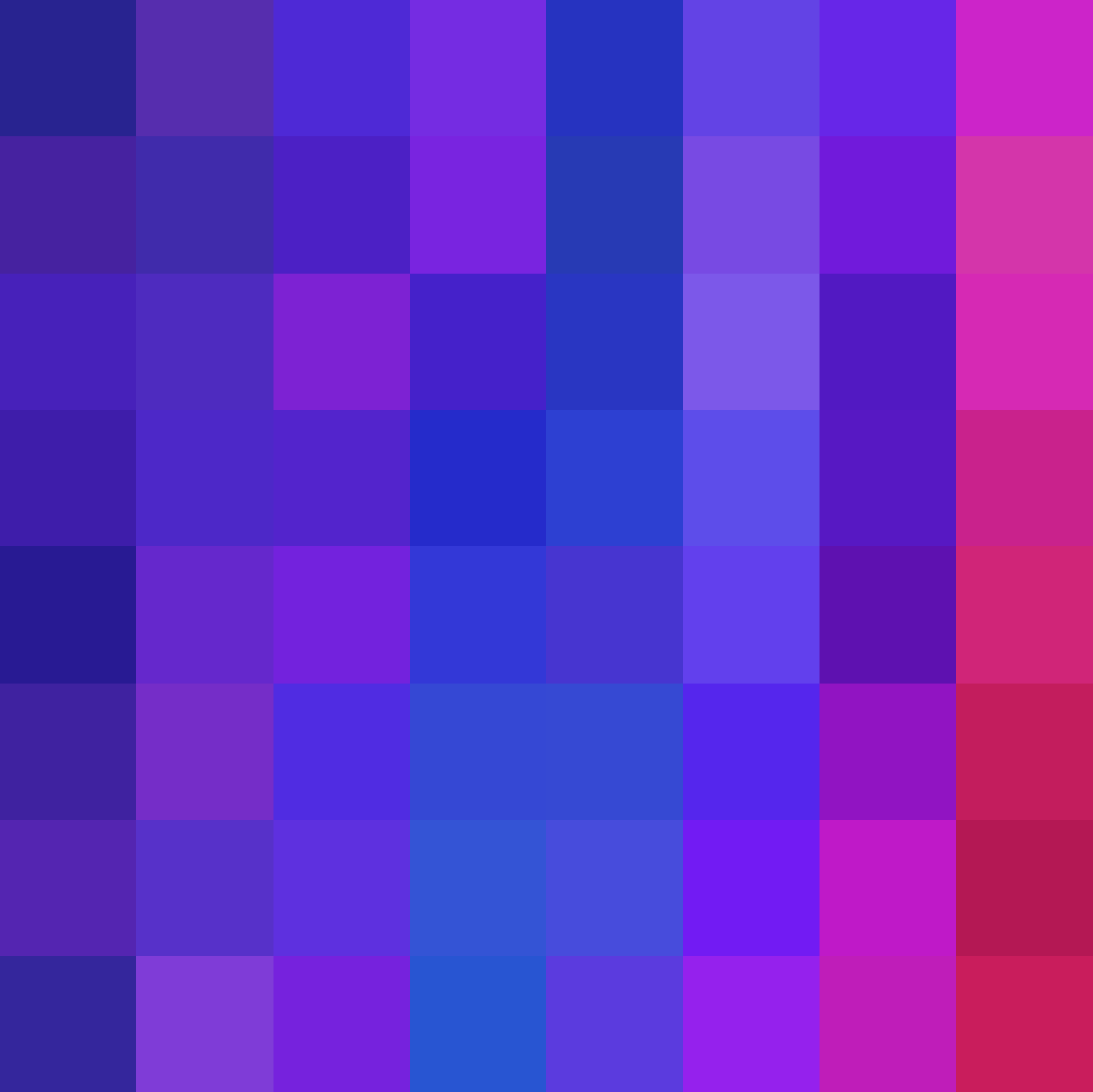mostly rose, but it also has a lot of magenta, and
a little bit of red in it.

This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, but it also has quite some cyan in it.

Here's a 10 by 10 pixelated grid that forms a gradient. It is mostly cyan, and it also has quite some green, and quite some blue in it.

A very, very colourful grid of 196 blocks. It's mostly green, and it also has quite some magenta, some blue, some purple, a bit of cyan, a bit of indigo, a little bit of violet, and a little bit of rose in it.
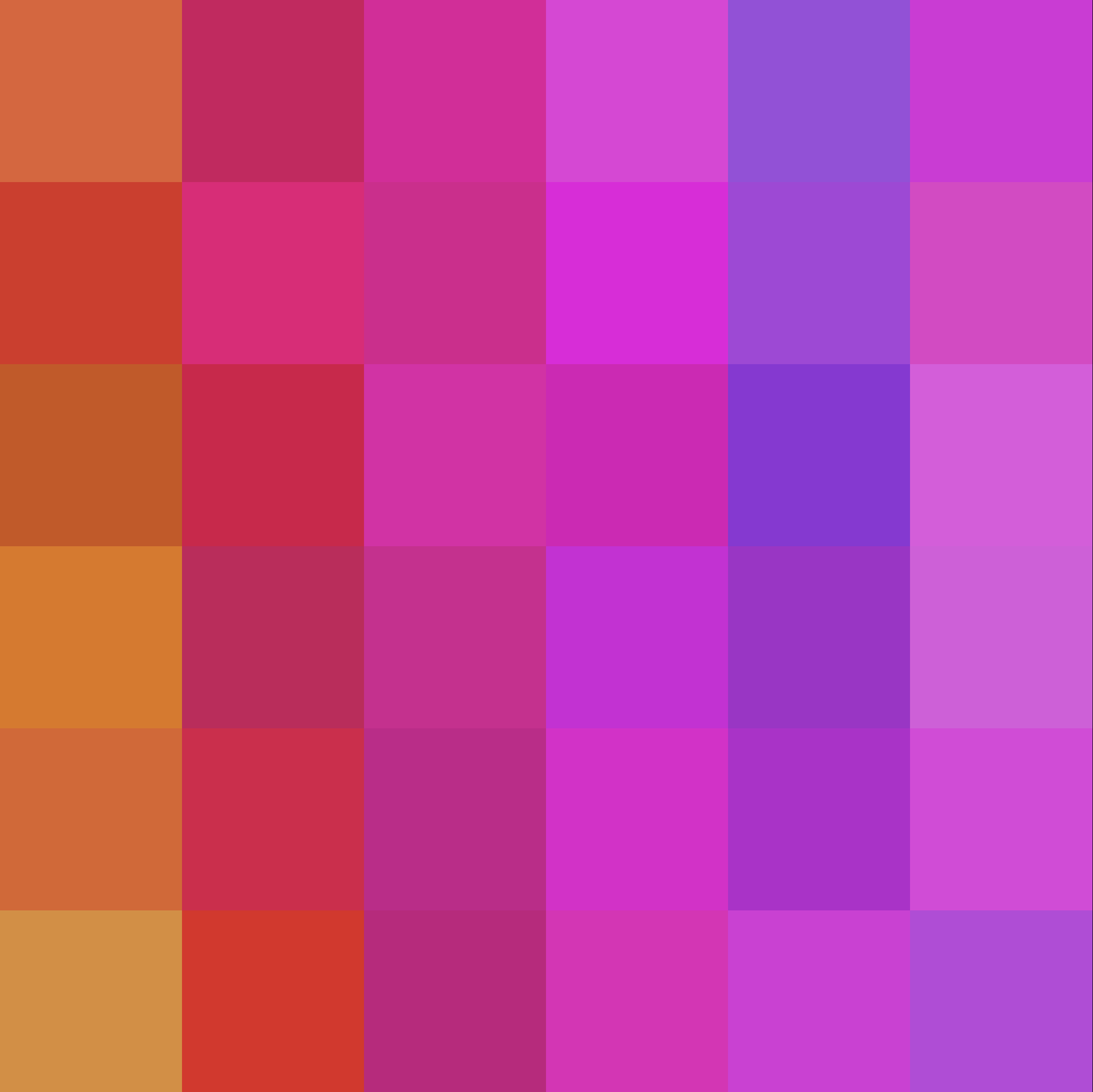
This very colourful gradient, generated in this 8 by 8 pixel grid, is mostly indigo, but it also has some violet, some blue, a bit of magenta, a little bit of rose, and a little bit of purple in it.
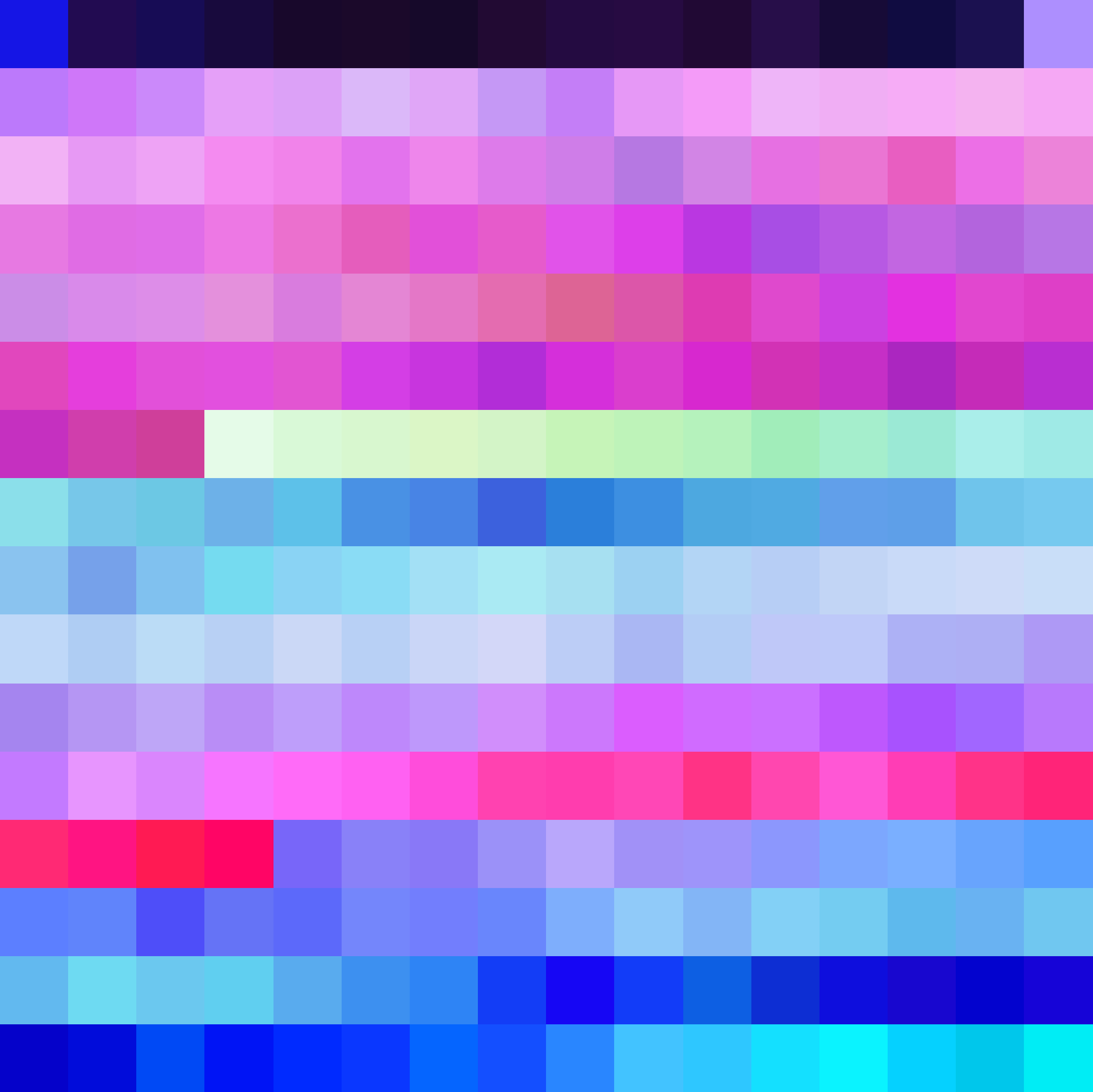
This two tone pixel gradient—it is 5 cells wide, 5 cells high—is mostly red, and it also has quite some orange in it.
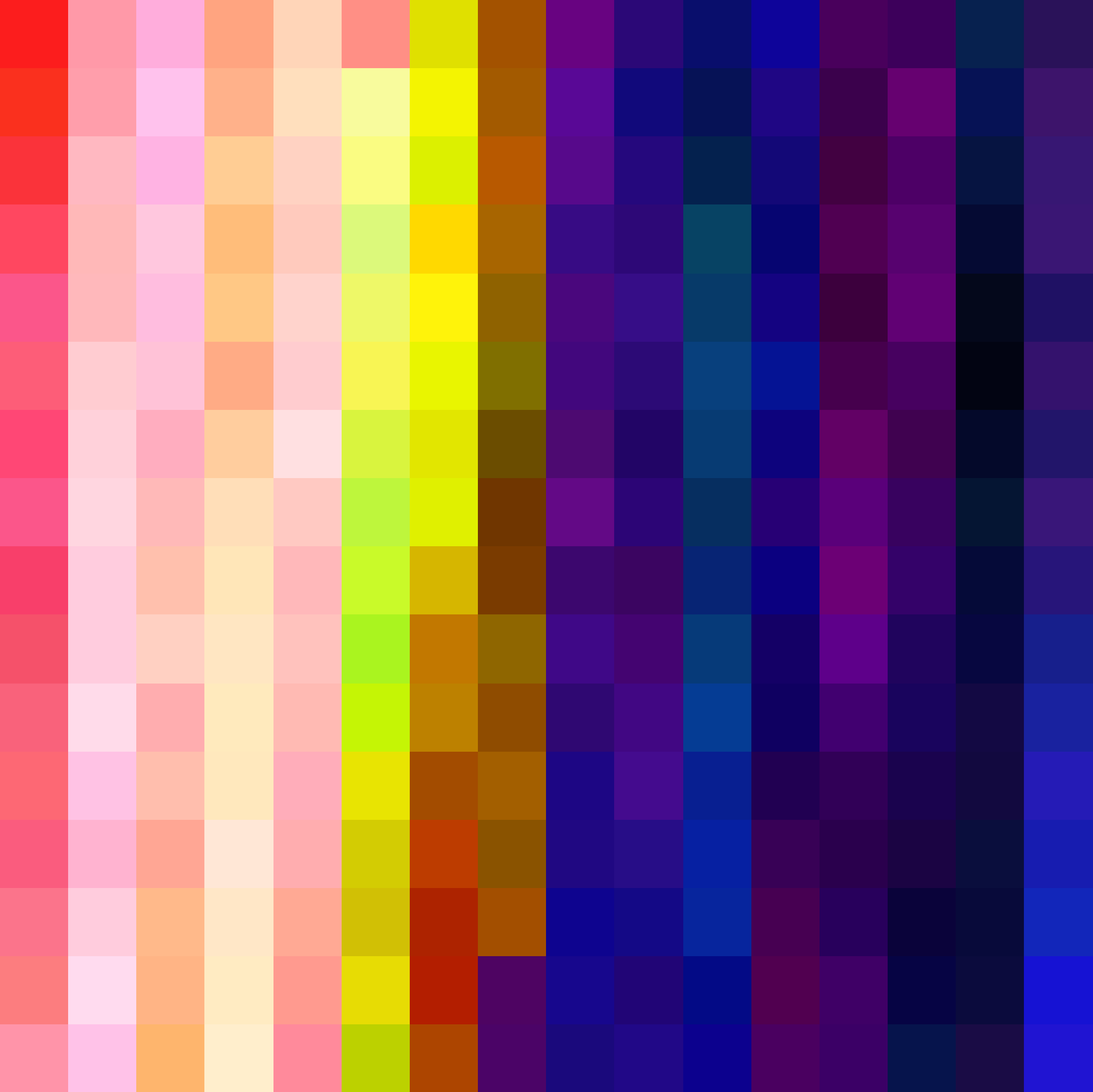
This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly red, but it also has some orange in it.

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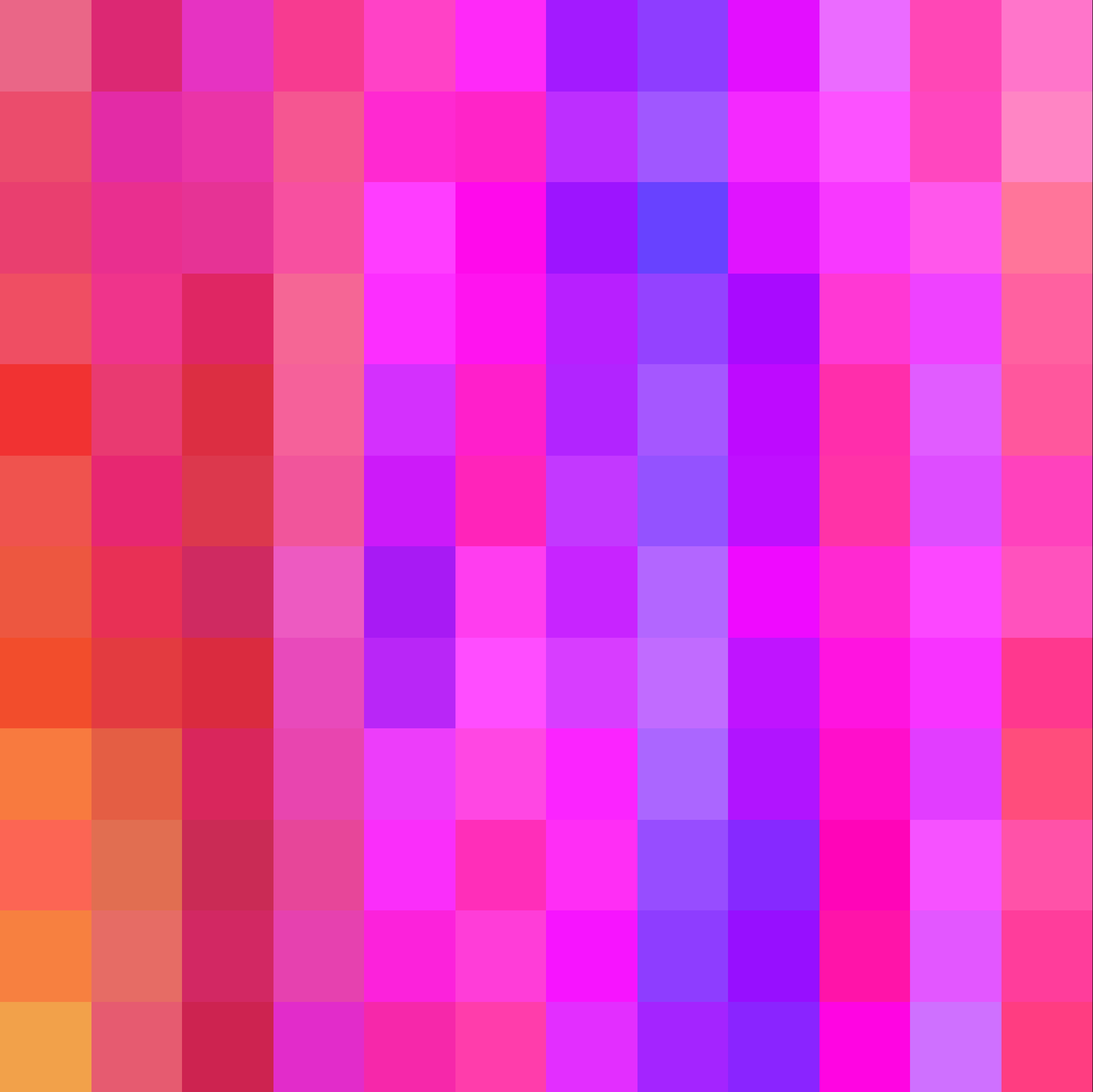
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some magenta, some purple, a bit of indigo, a little bit of violet, a little bit of cyan, a little bit of green, a little bit of rose, and a tiny bit of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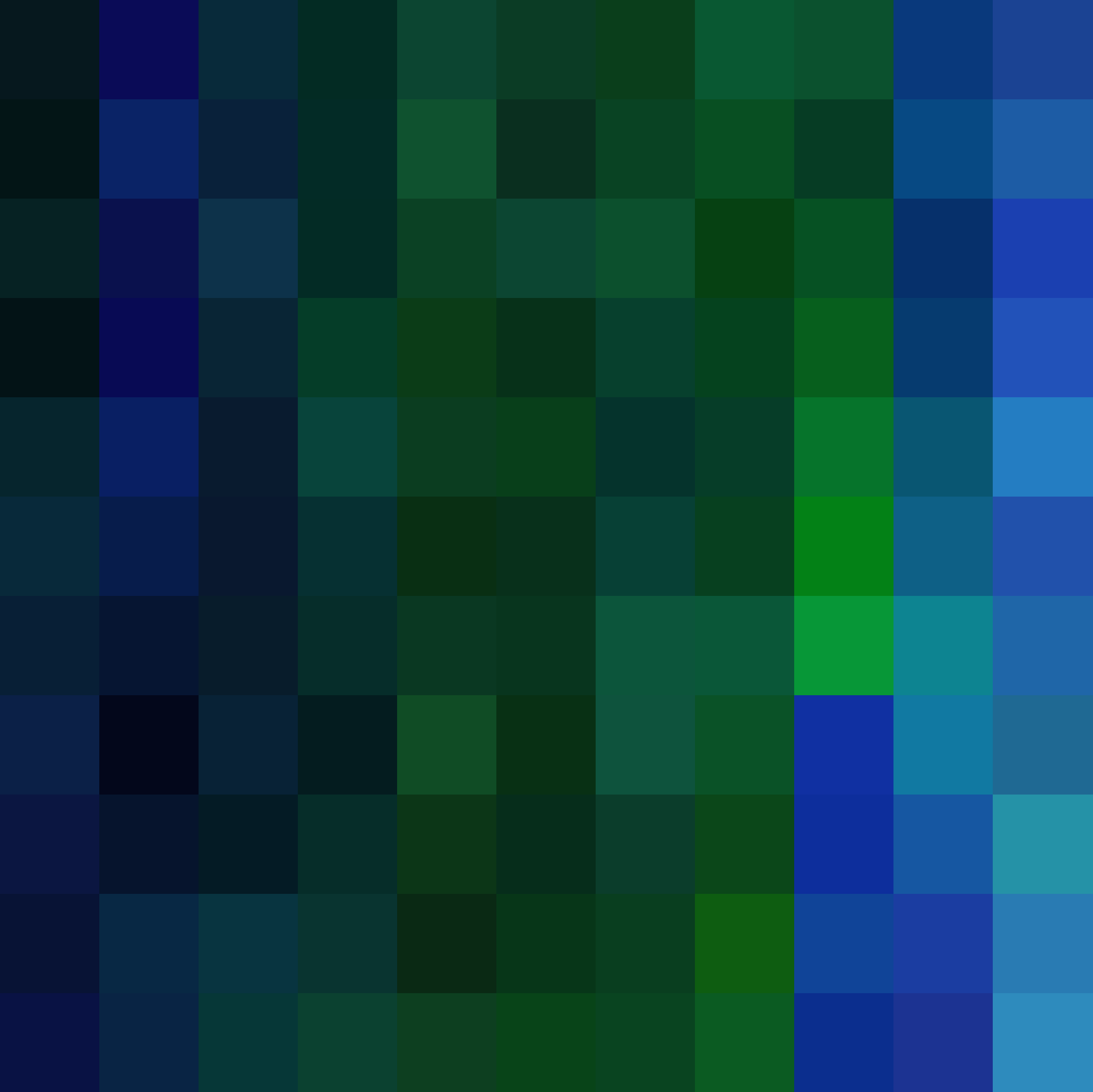
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly red, and it also has some indigo, some orange, some blue, some purple, a bit of yellow, a little bit of violet, a little bit of magenta, a little bit of rose, a tiny bit of lime, and a tiny bit of green in it.

Here's a 9 by 9 pixelated grid that forms a gradient. It is mostly green, and it also has a bit of cyan, and a tiny bit of lime in it.

A 12 by 12 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has a tiny bit of orange in it.
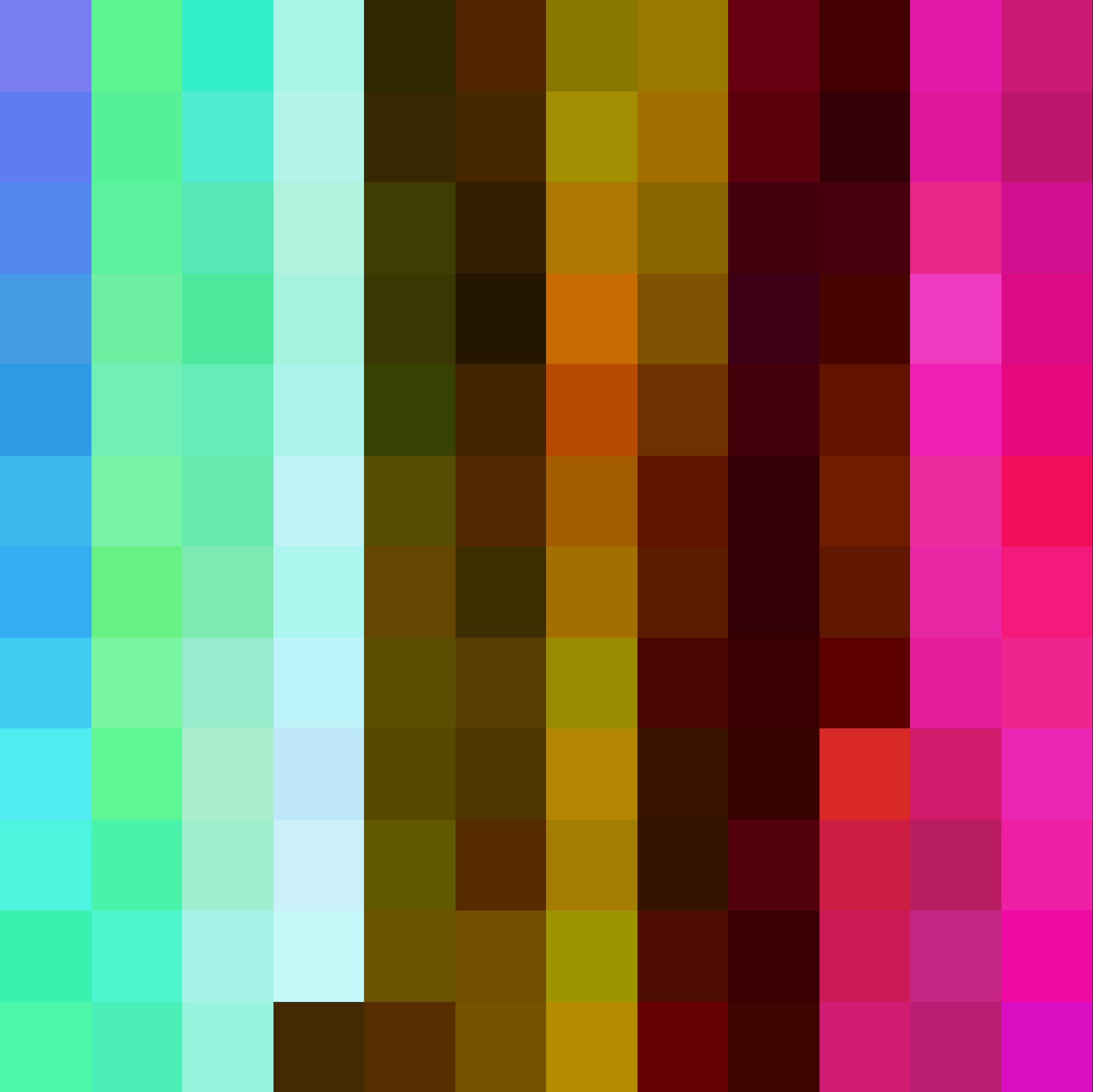
The gradient in this 11 by 11 pixel grid is mostly blue, and it also has a lot of green, and some cyan in it.
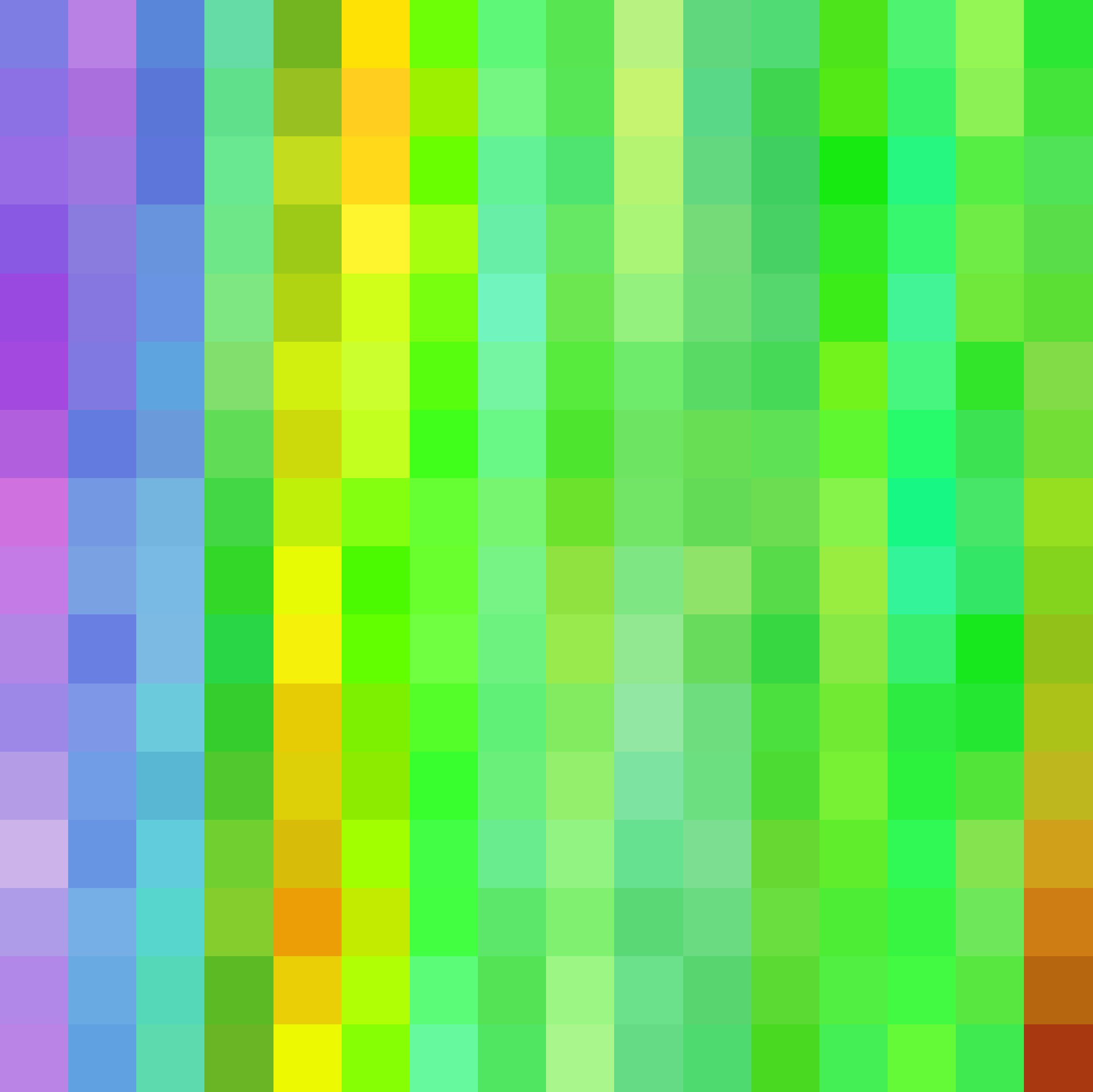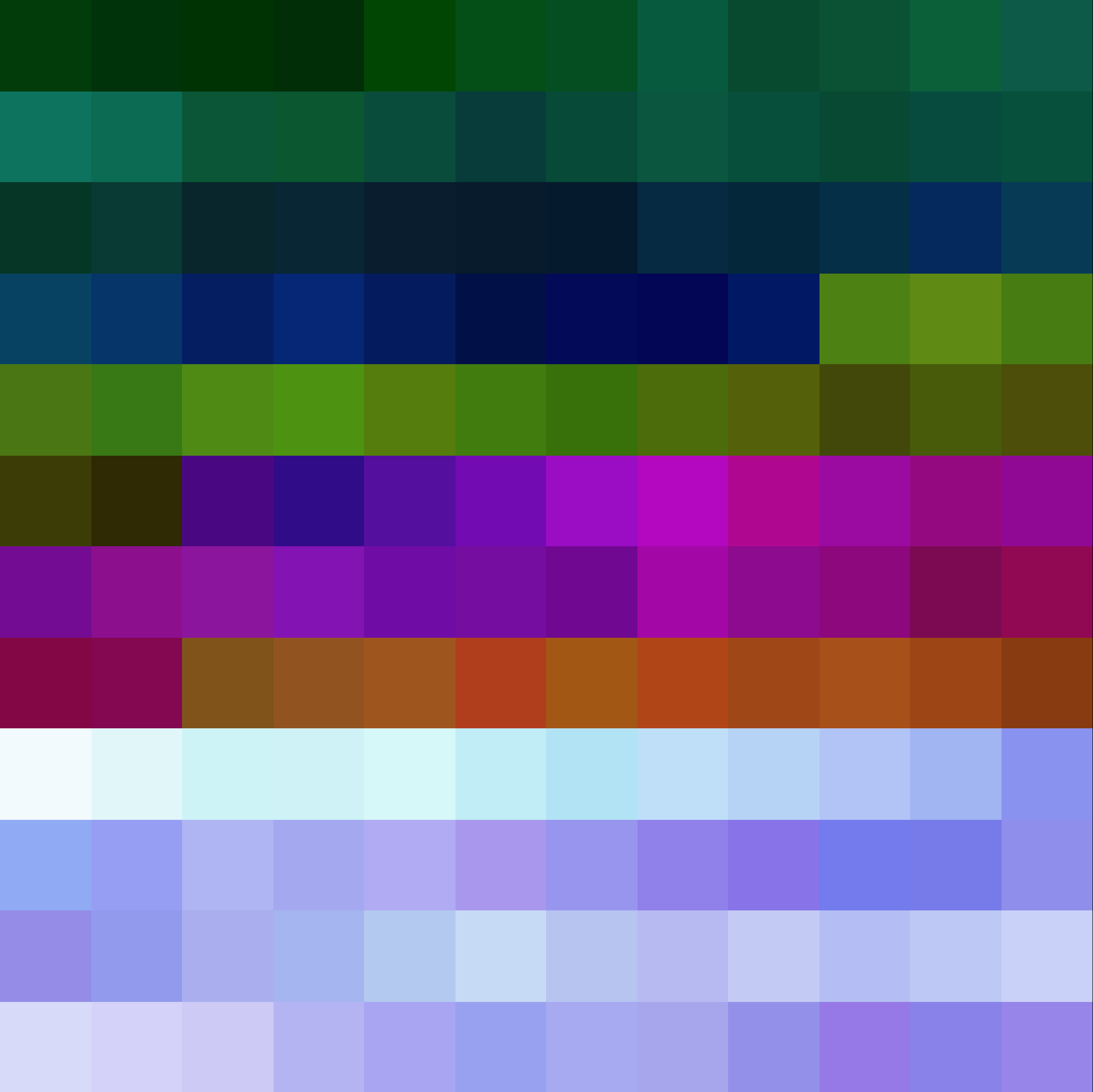
The cells in this 15 by 15 pixel grid form a gradient. It is mostly red, and it also has a little bit of blue, a little bit of green, and a tiny bit of cyan in it.
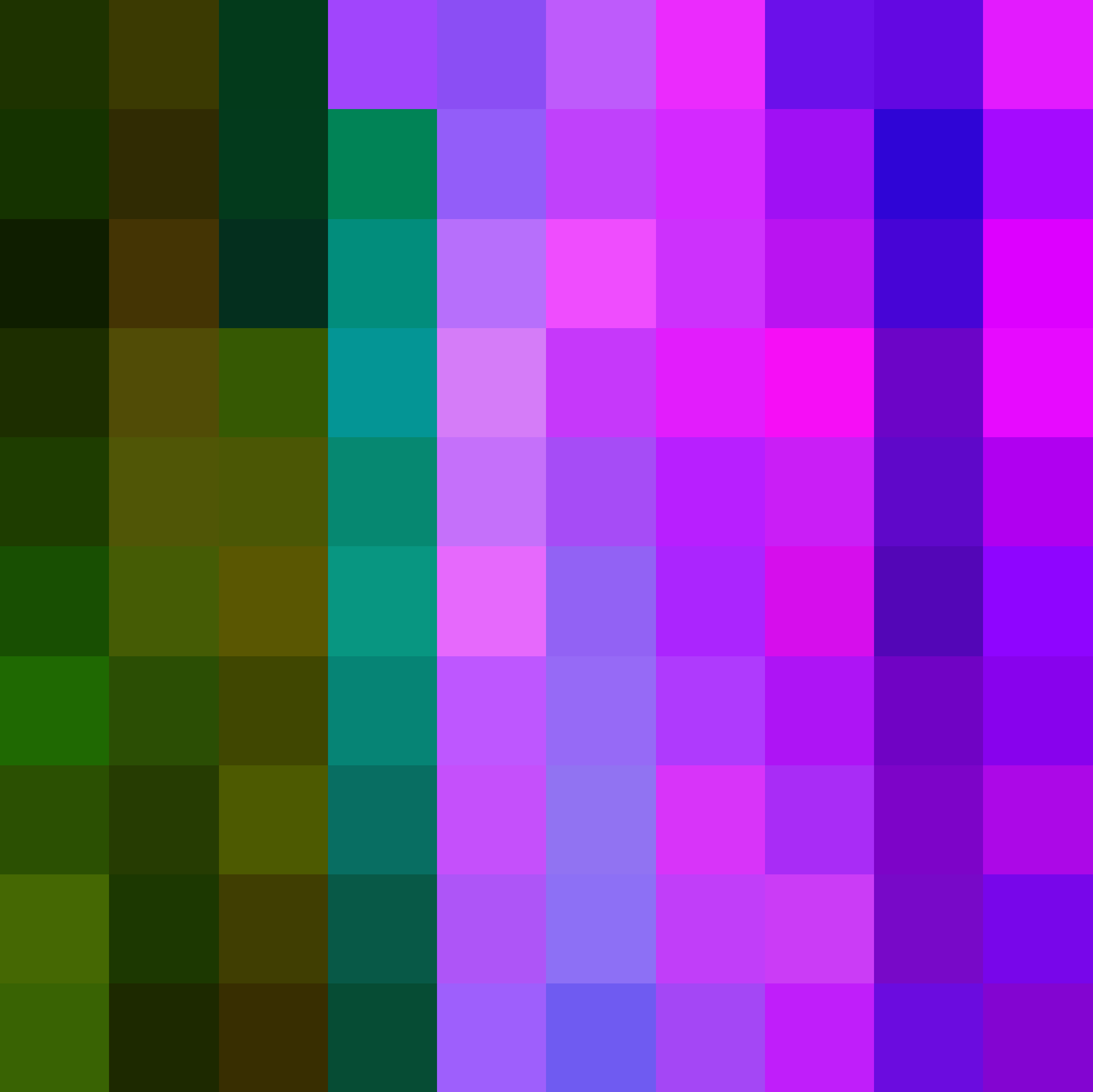
There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly red, and it also has quite some orange, some green, some cyan, some yellow, and a little bit of blue in it.

A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has a bit of blue, a bit of yellow, a little bit of lime, a little bit of purple, a little bit of indigo, a tiny bit of violet, a tiny bit of orange, and a tiny bit of cyan in it.
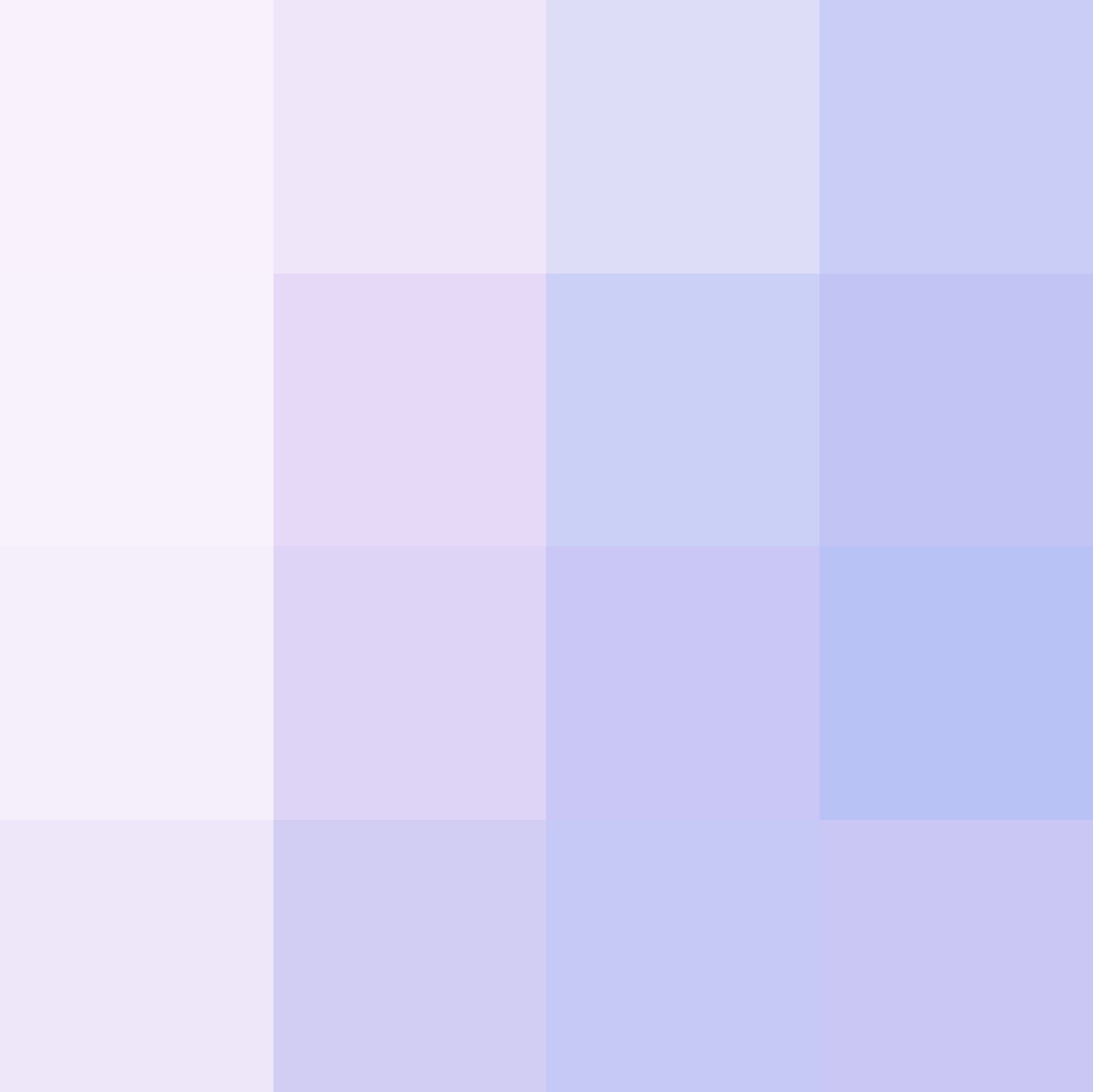
This very, very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly blue, and it also has some green, some indigo, a bit of cyan, a bit of magenta, a little bit of orange, a little bit of purple, a little bit of yellow, a tiny bit of lime, a tiny bit of rose, a tiny bit of violet, and a tiny bit of red in it.

Here's a 10 by 10 pixelated grid that forms a very, very colourful gradient. It is mostly purple, and it also has some green, a bit of yellow, a bit of violet, a bit of magenta, a bit of cyan, a bit of indigo, a tiny bit of lime, and a tiny bit of orange in it.

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

This pixel gradient—it is 4 cells wide, 4 cells high—is mostly blue, and it also has quite some purple, quite some indigo, and some violet in it.

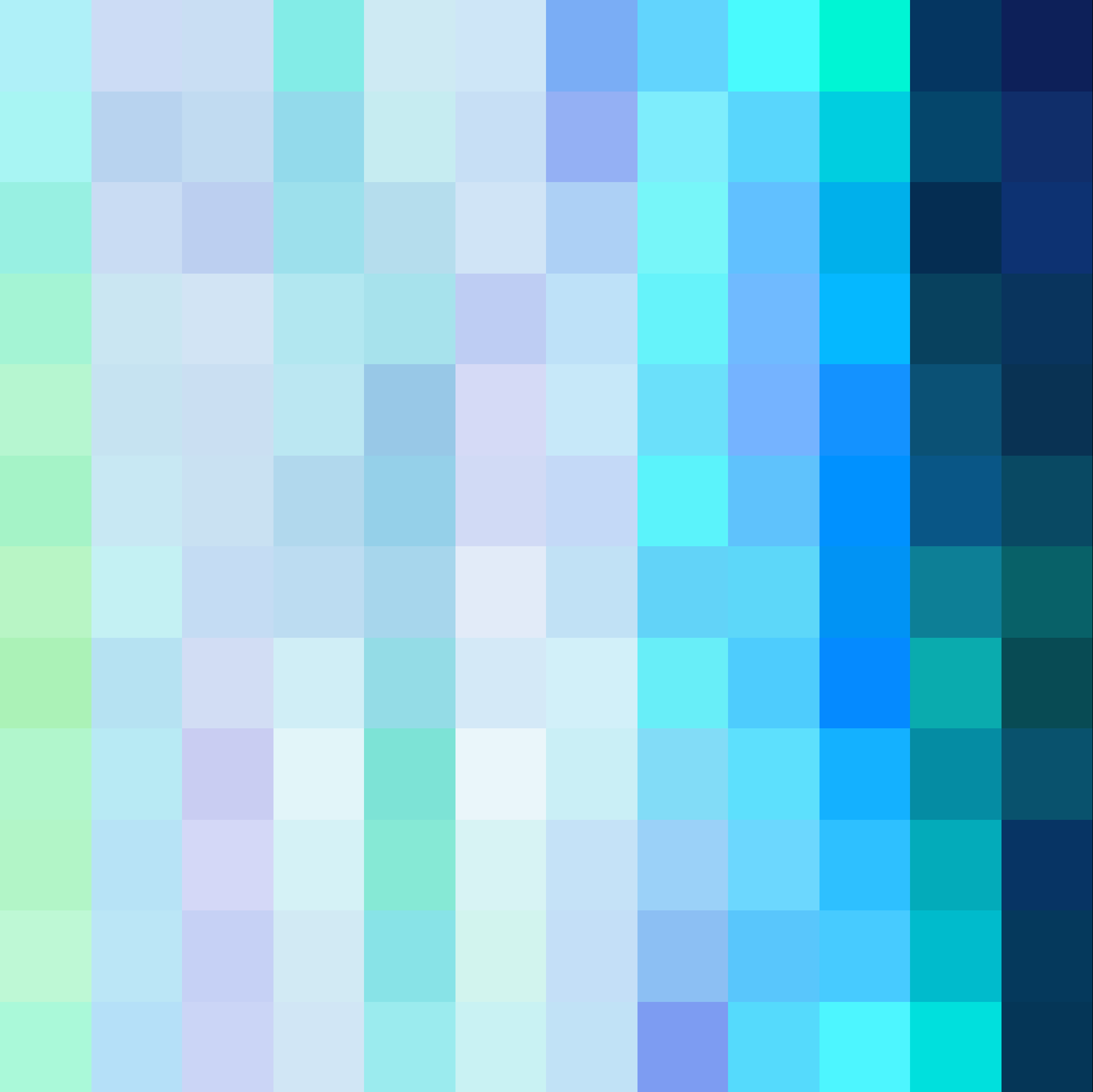A grid of 81 blocks. It's mostly red, but it also has quite some orange, and a little bit of yellow in it.

There's a very colourful pixel gradient in this 9 by 9 grid. It is mostly cyan, but it also has quite some magenta, quite some green, a bit of rose, a little bit of purple, and a tiny bit of red in it.
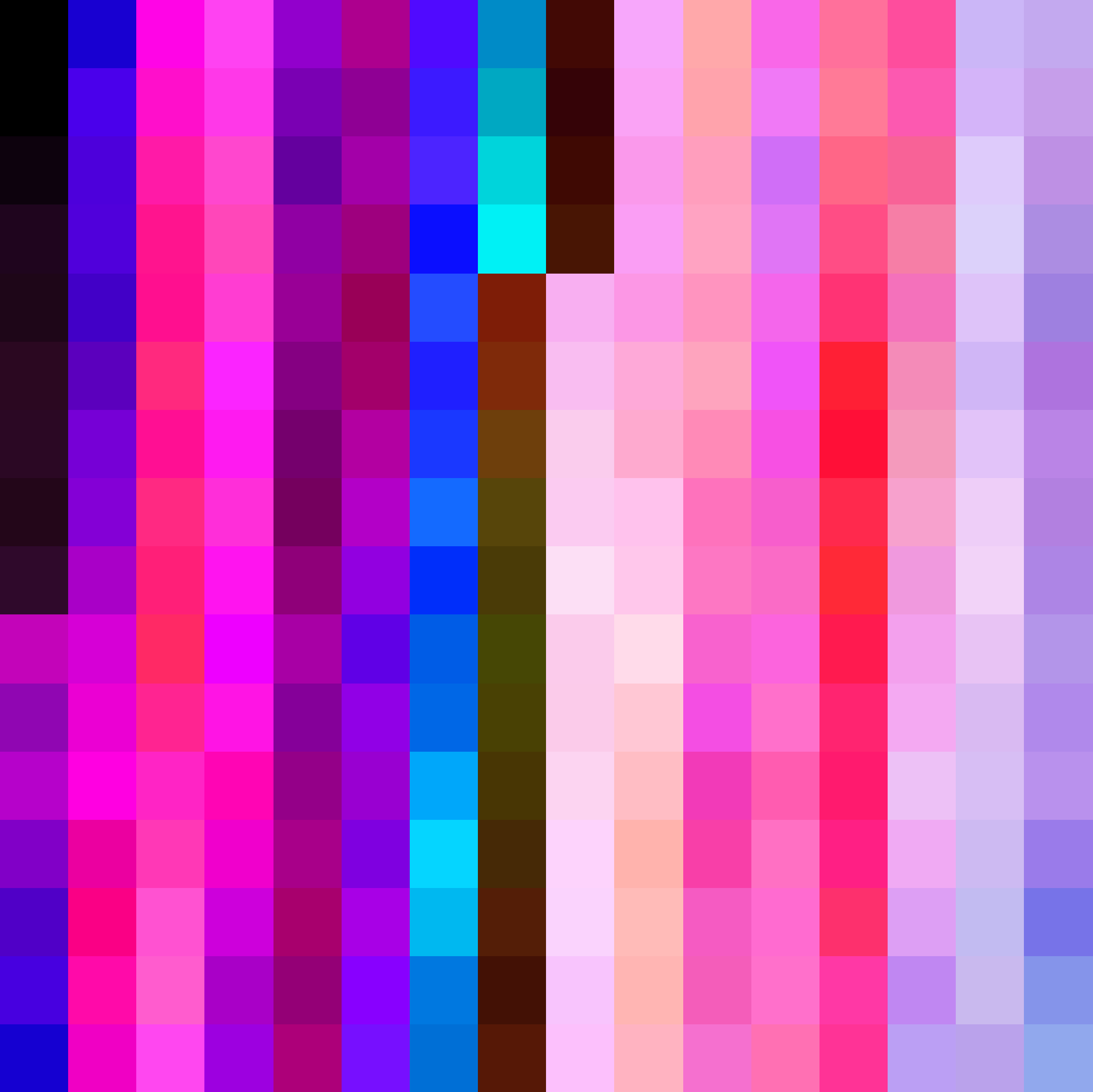
A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some yellow, a bit of lime, a little bit of orange, a little bit of magenta, a little bit of red, a tiny bit of rose, and a tiny bit of purple in it.

A grid of 144 blocks. It's mostly blue, but it also has quite some cyan, and a little bit of green in it.

Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly magenta, and it also has quite some purple, some rose, and a little bit of red in it.

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

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly purple, but it also has quite some violet, some indigo, and a bit of magenta in it.
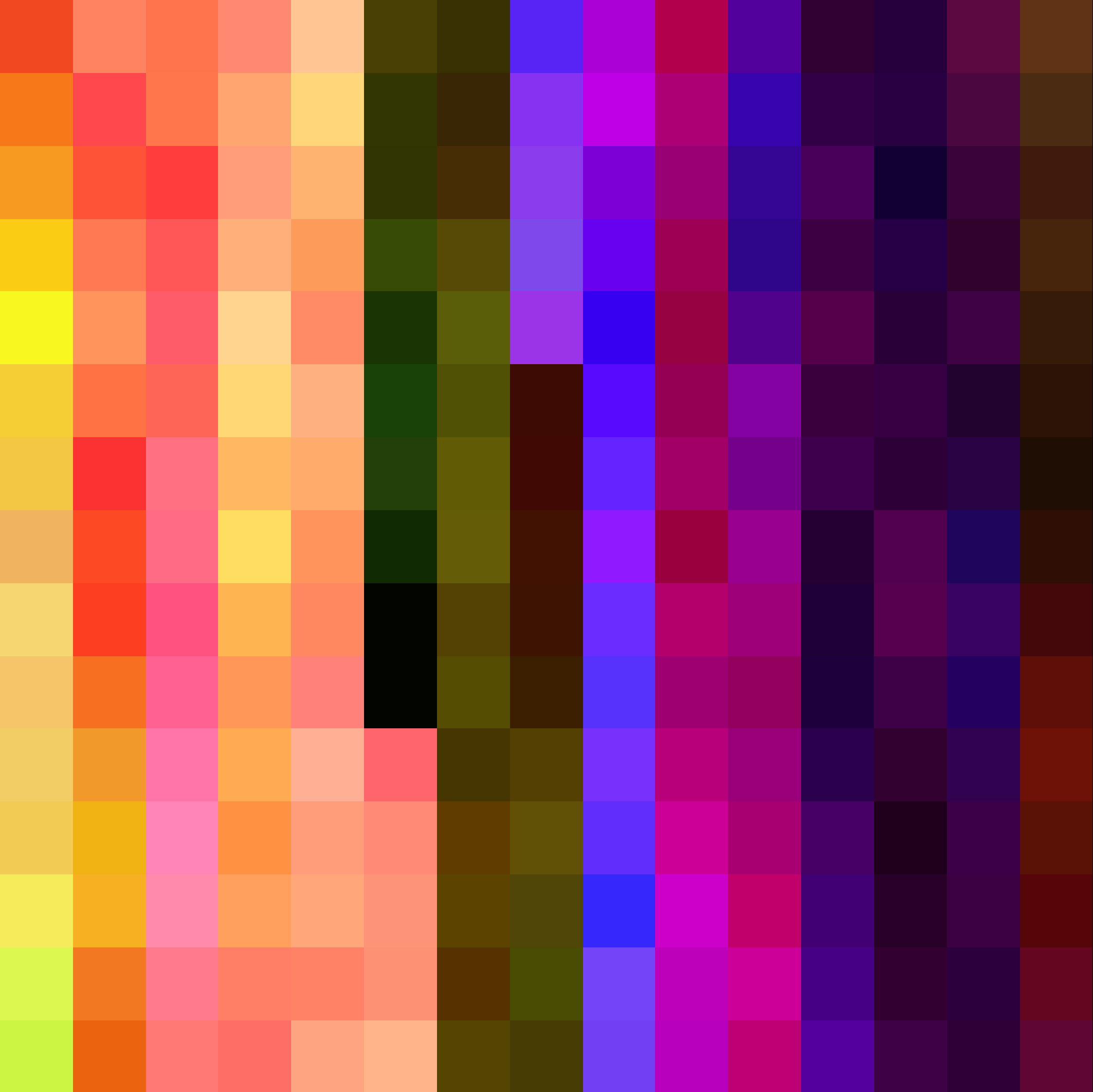
The very colourful gradient in this 12 by 12 pixel grid is mostly indigo, but it also has quite some purple, quite some magenta, some violet, a bit of blue, and a little bit of rose in it.
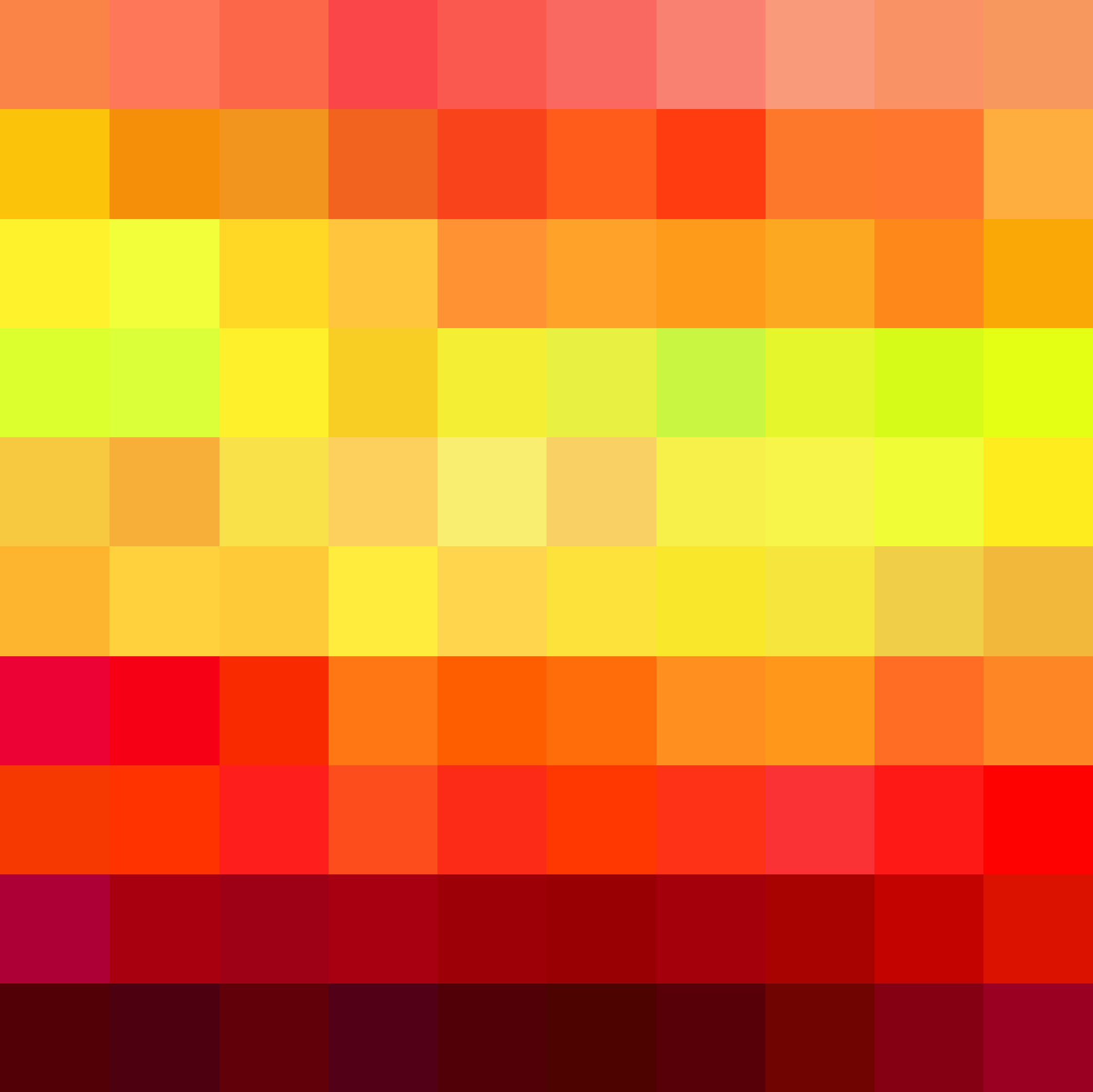
This very, very colourful gradient, generated in this 11 by 11 pixel grid, is mostly orange, and it also has some magenta, some red, some purple, some indigo, a bit of violet, a little bit of rose, and a little bit of yellow in it.
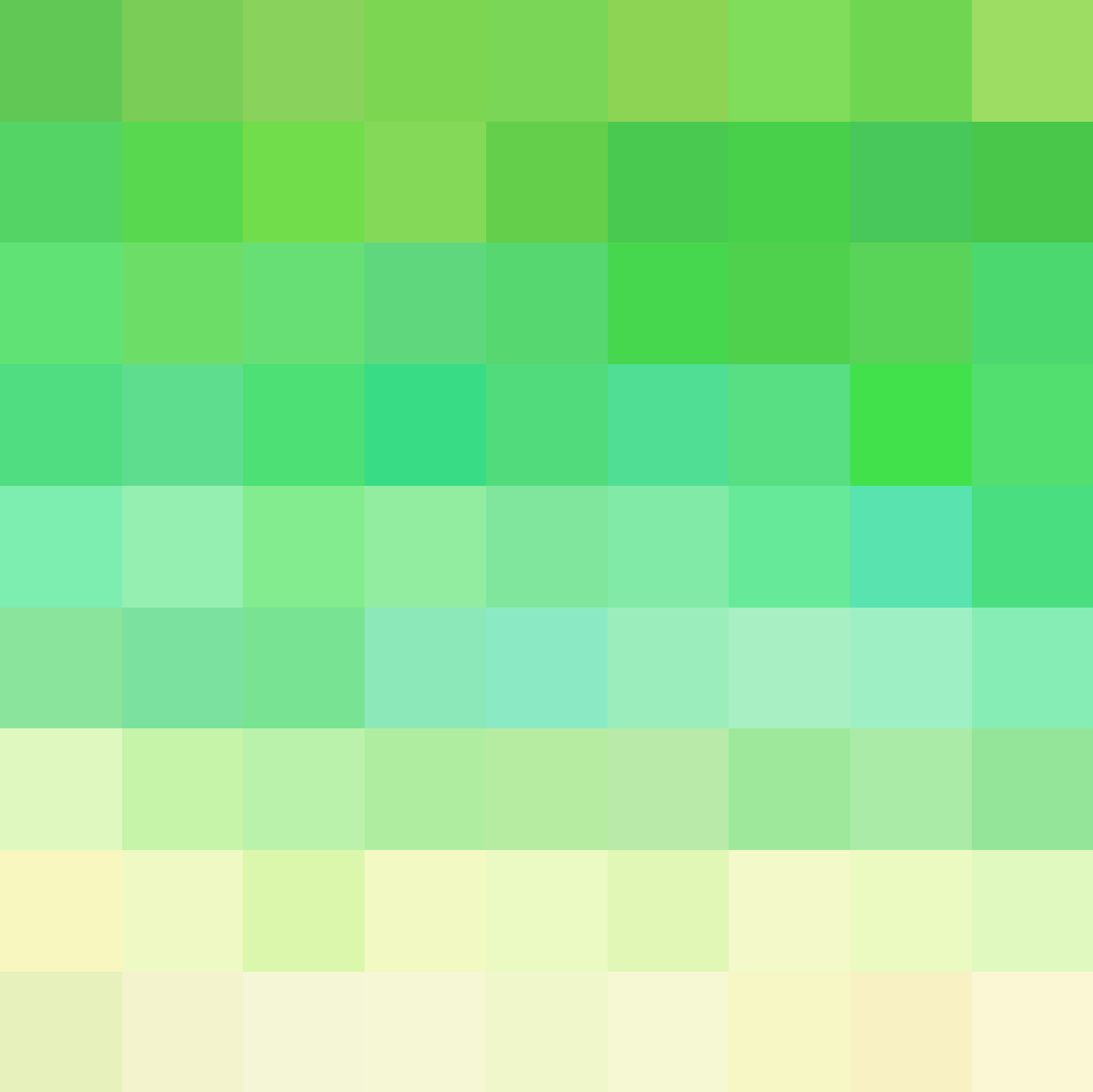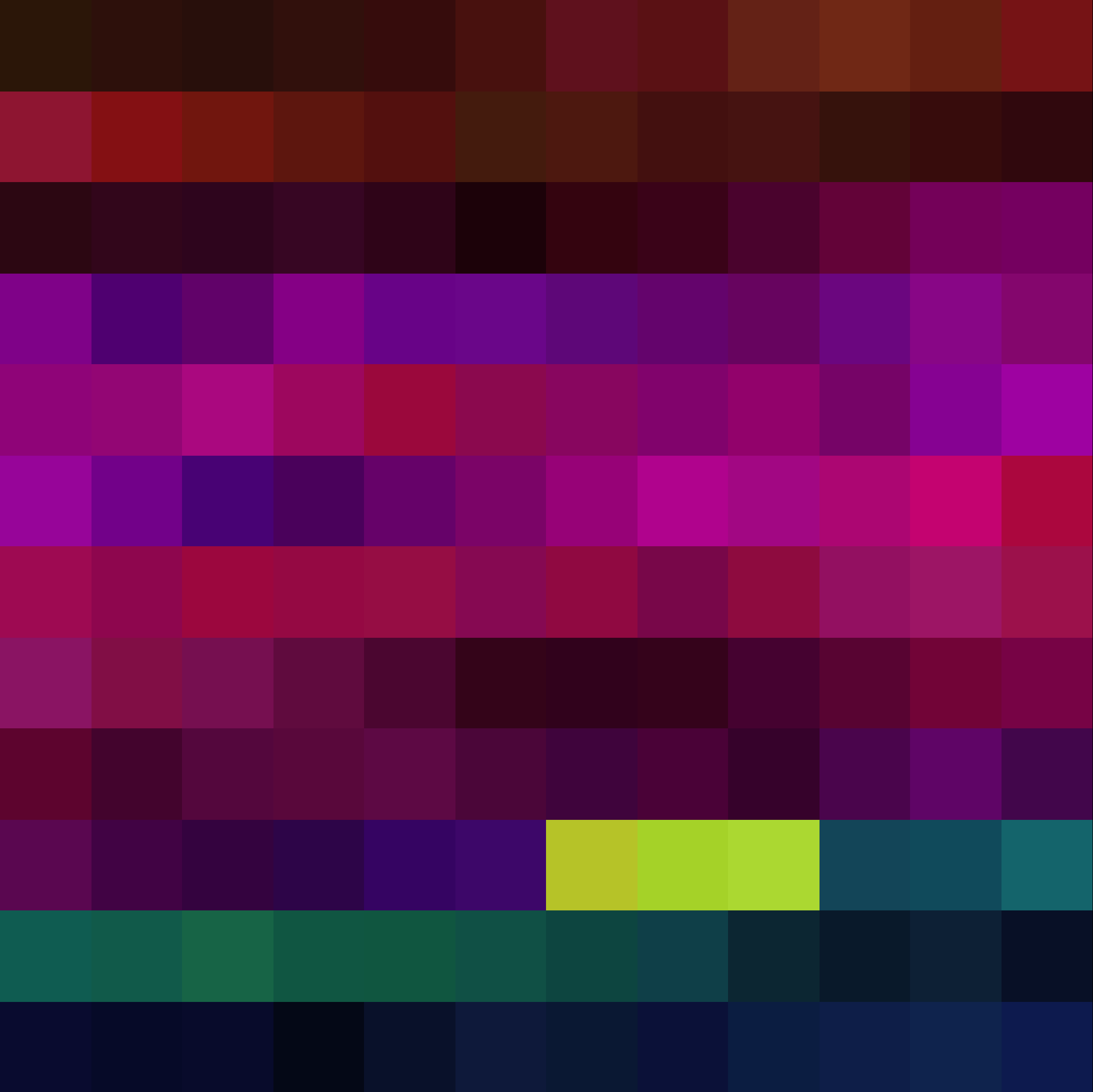
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly orange, and it also has quite some red, some magenta, some purple, some yellow, a bit of indigo, a little bit of violet, a little bit of rose, a little bit of green, and a tiny bit of lime in it.
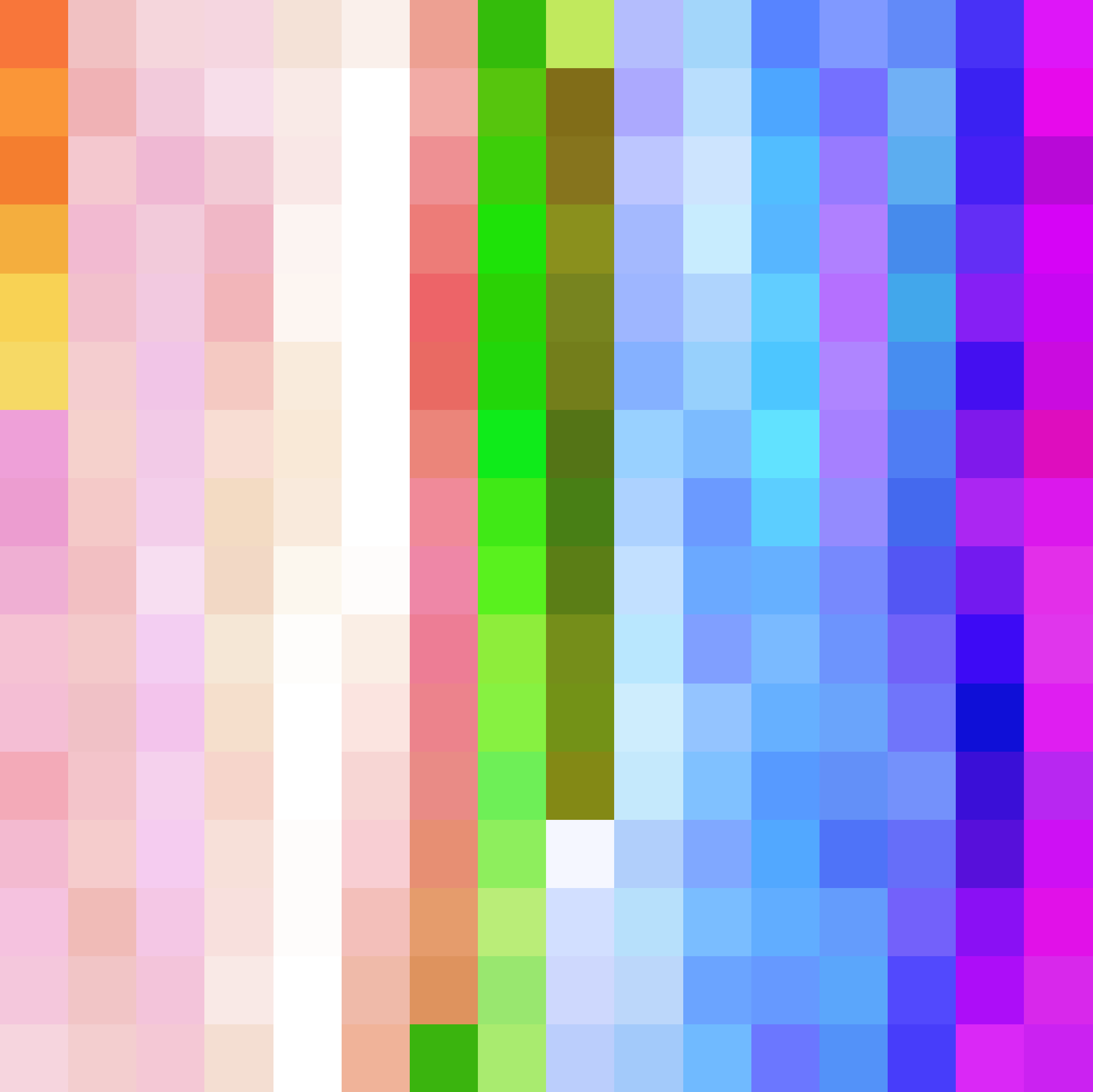
A 10 by 10 grid with coloured squares that form a gradient. The colours are various shades of mostly red, and it also has quite some orange, quite some yellow, and a tiny bit of lime in it.

A grid of 81 blocks. It's mostly green, and it also has some yellow, and a little bit of lime in it.
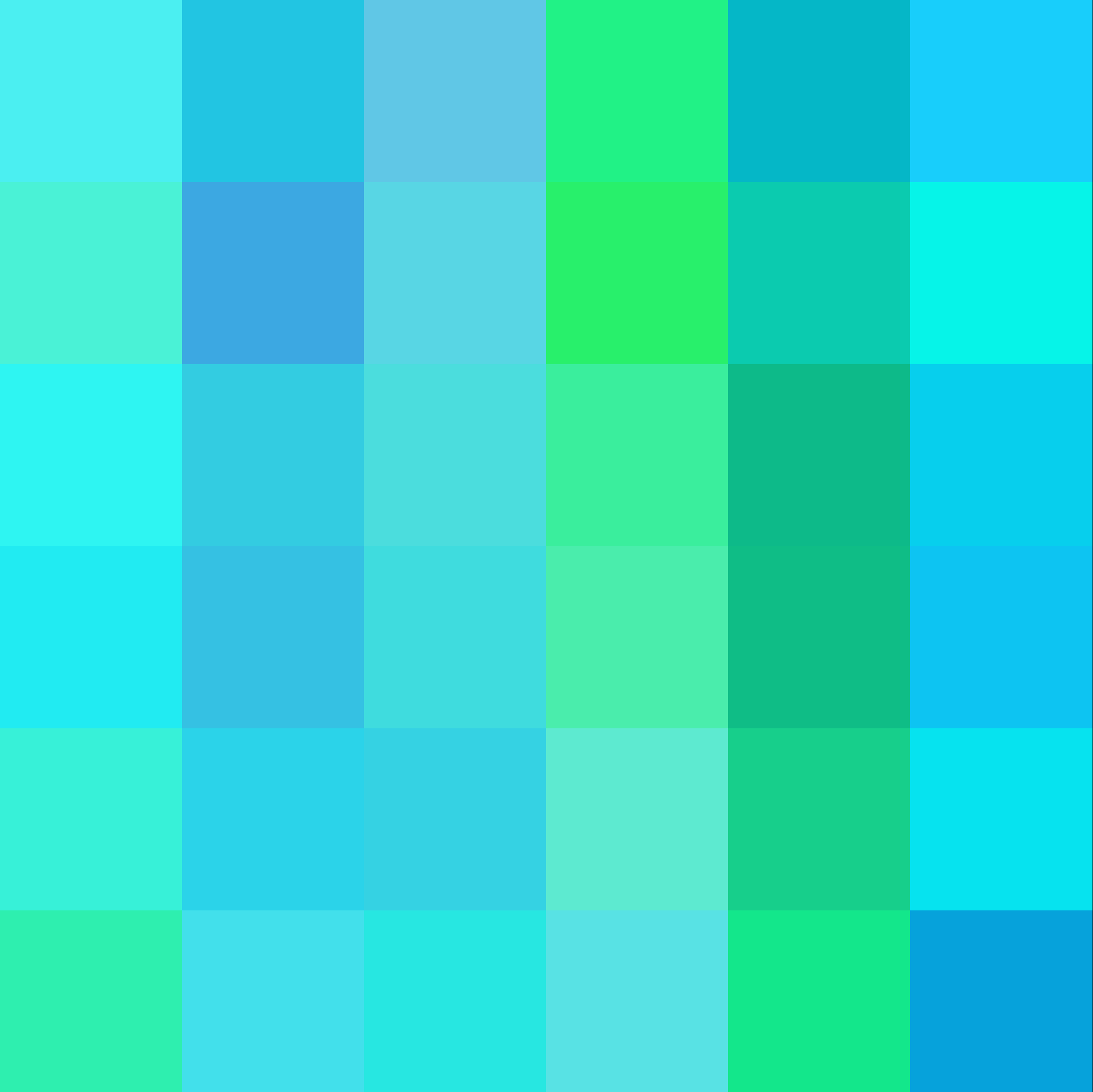
There's a very colourful pixel gradient in this 12 by 12 grid. It is mostly red, but it also has some blue, a little bit of cyan, a tiny bit of green, a tiny bit of lime, a tiny bit of orange, and a tiny bit of yellow in it.
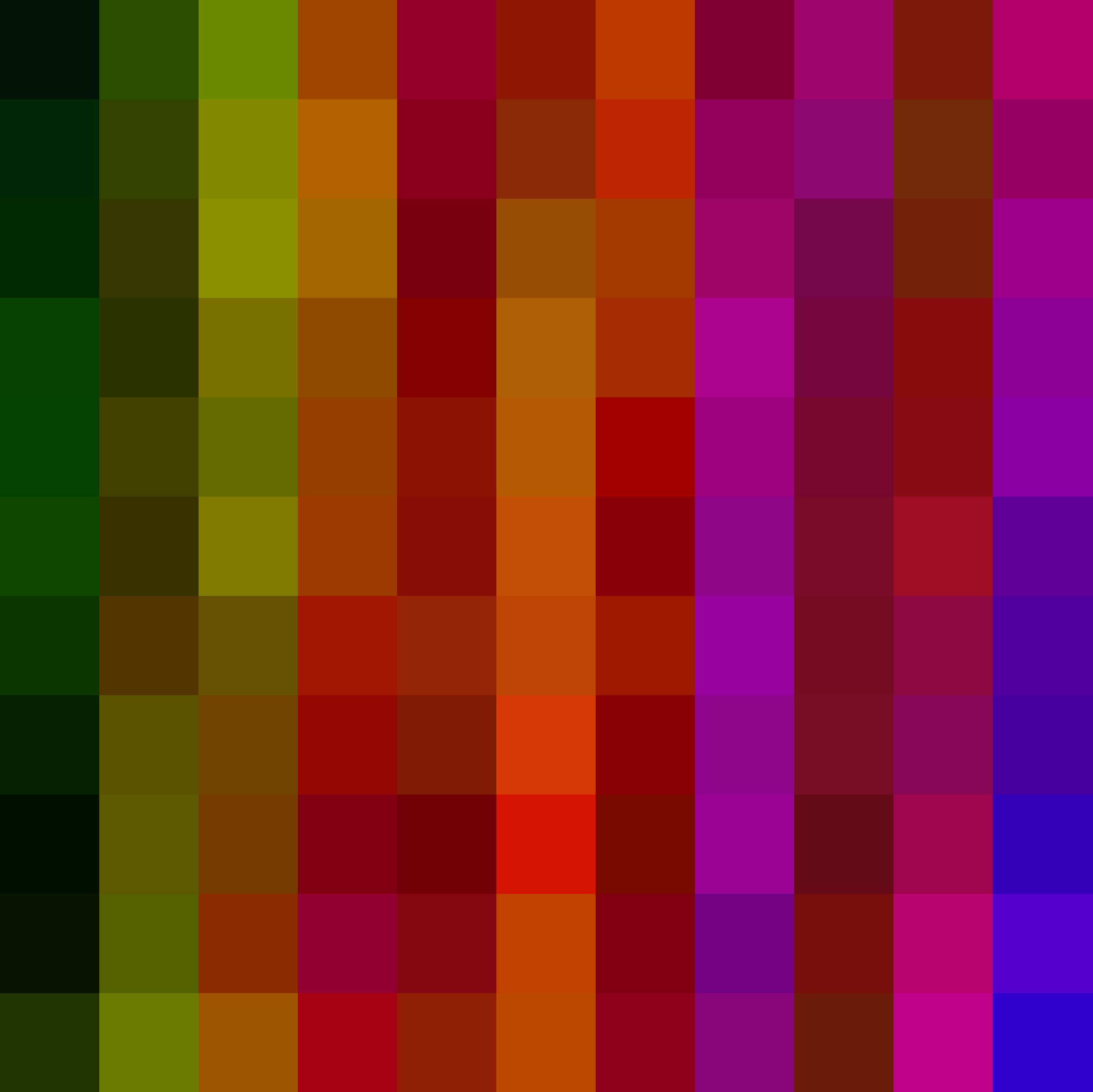
The very, very colourful gradient in this 16 by 16 pixel grid is mostly blue, and it also has some red, some orange, a bit of magenta, a bit of green, a little bit of rose, a little bit of indigo, a little bit of yellow, a little bit of purple, a little bit of violet, a tiny bit of lime, and a tiny bit of cyan in it.

A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some purple, some red, some blue, a little bit of violet, a little bit of rose, a little bit of indigo, a little bit of cyan, and a tiny bit of orange in it.
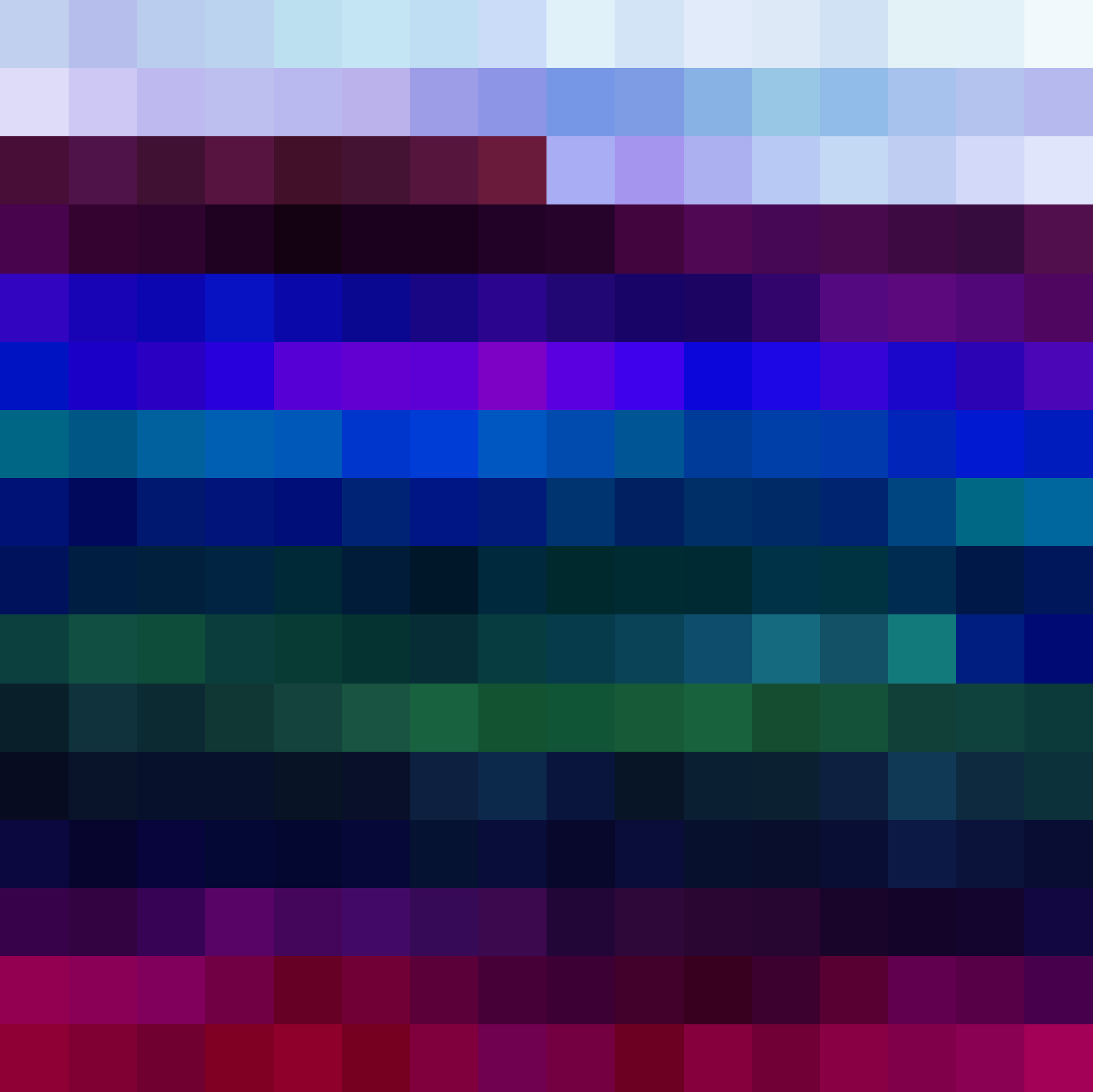
This pixel gradient—it is 6 cells wide, 6 cells high—is mostly cyan, but it also has quite some green, and a bit of blue in it.

This colourful gradient, generated in this 11 by 11 pixel grid, is mostly red, but it also has some orange, some yellow, a bit of green, and a tiny bit of lime in it.
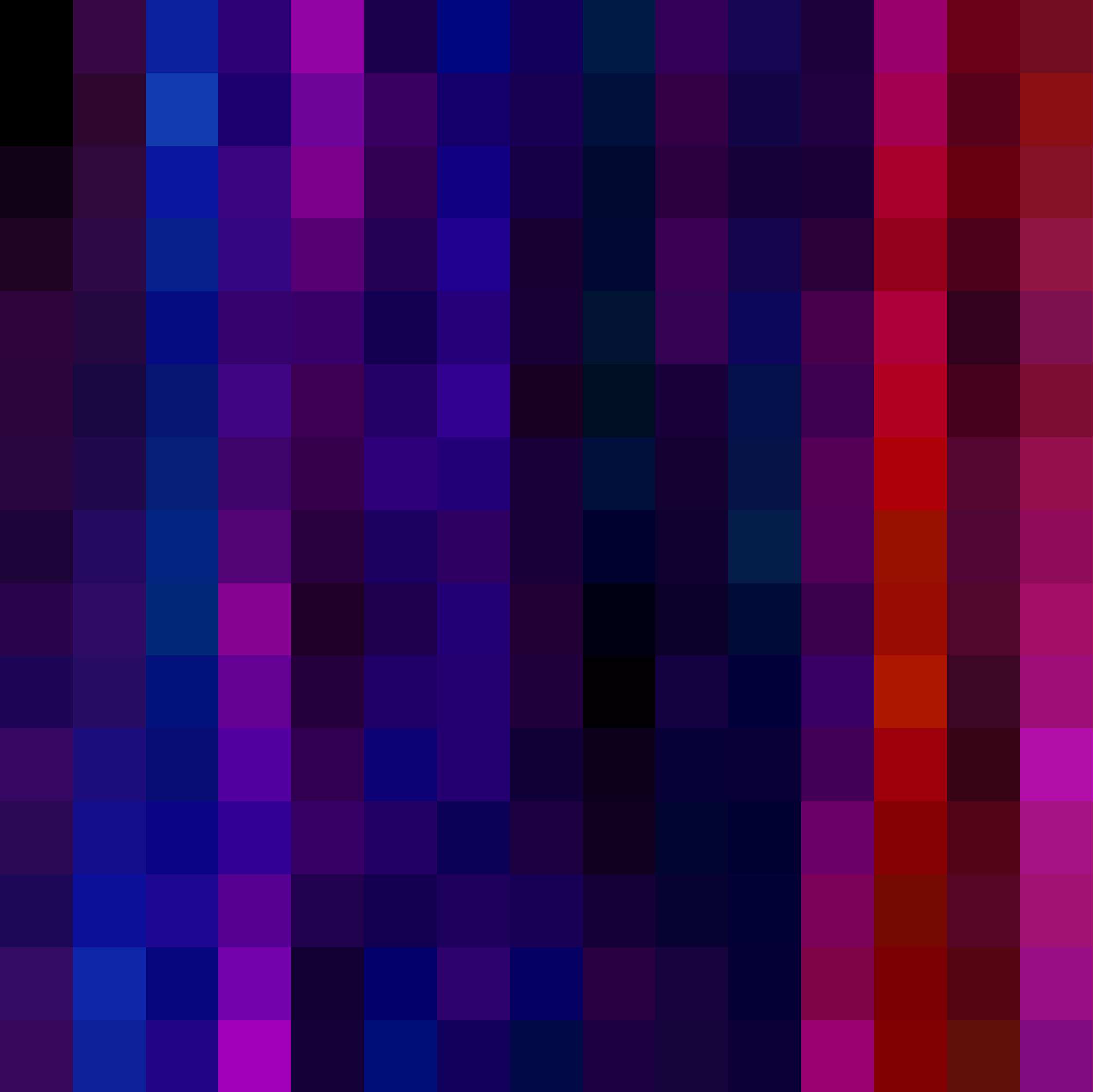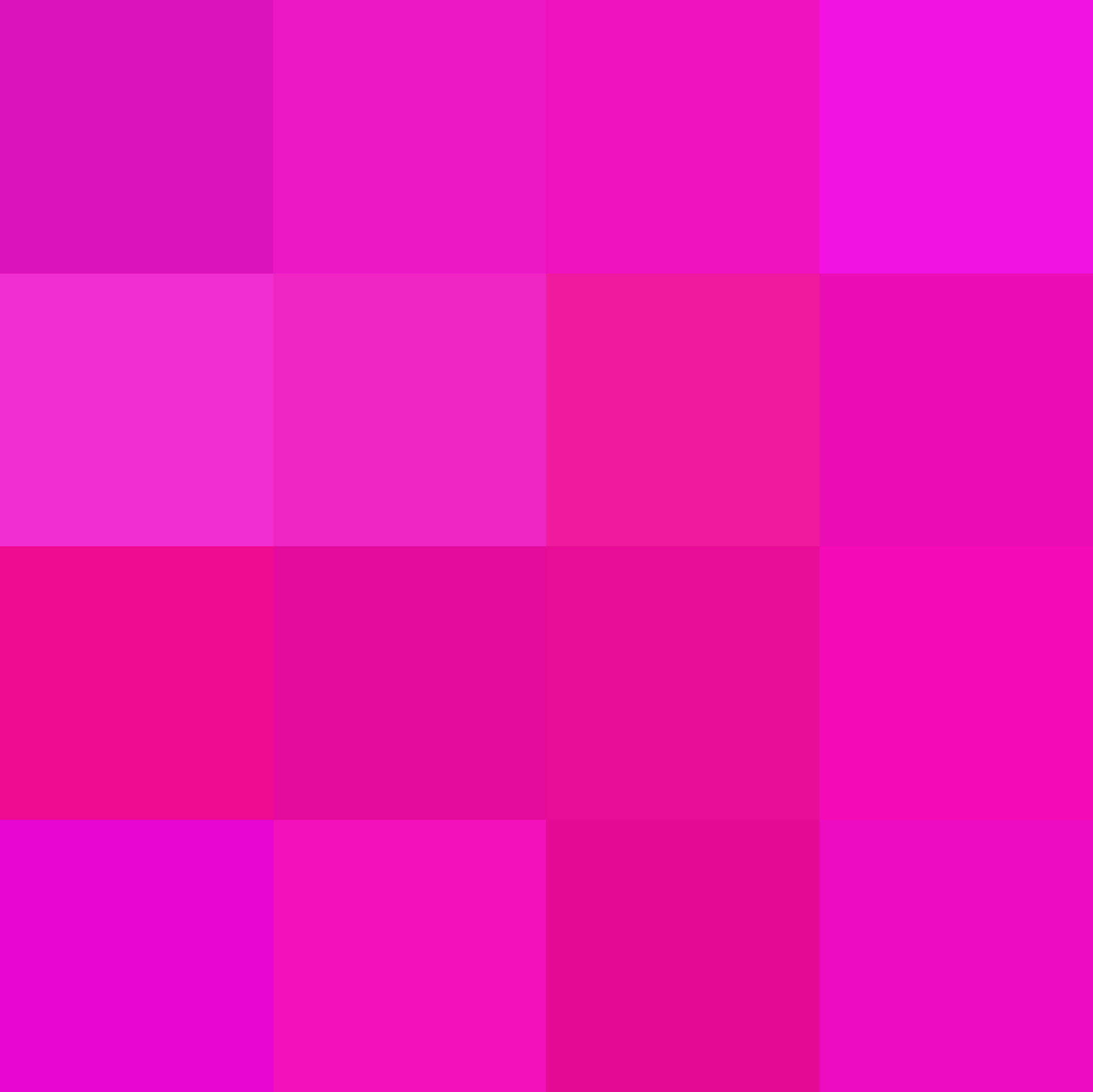
The very, very colourful gradient in this 16 by 16 pixel grid is mostly blue, and it also has some magenta, some indigo, a bit of purple, a bit of cyan, a bit of rose, a little bit of green, and a little bit of violet in it.
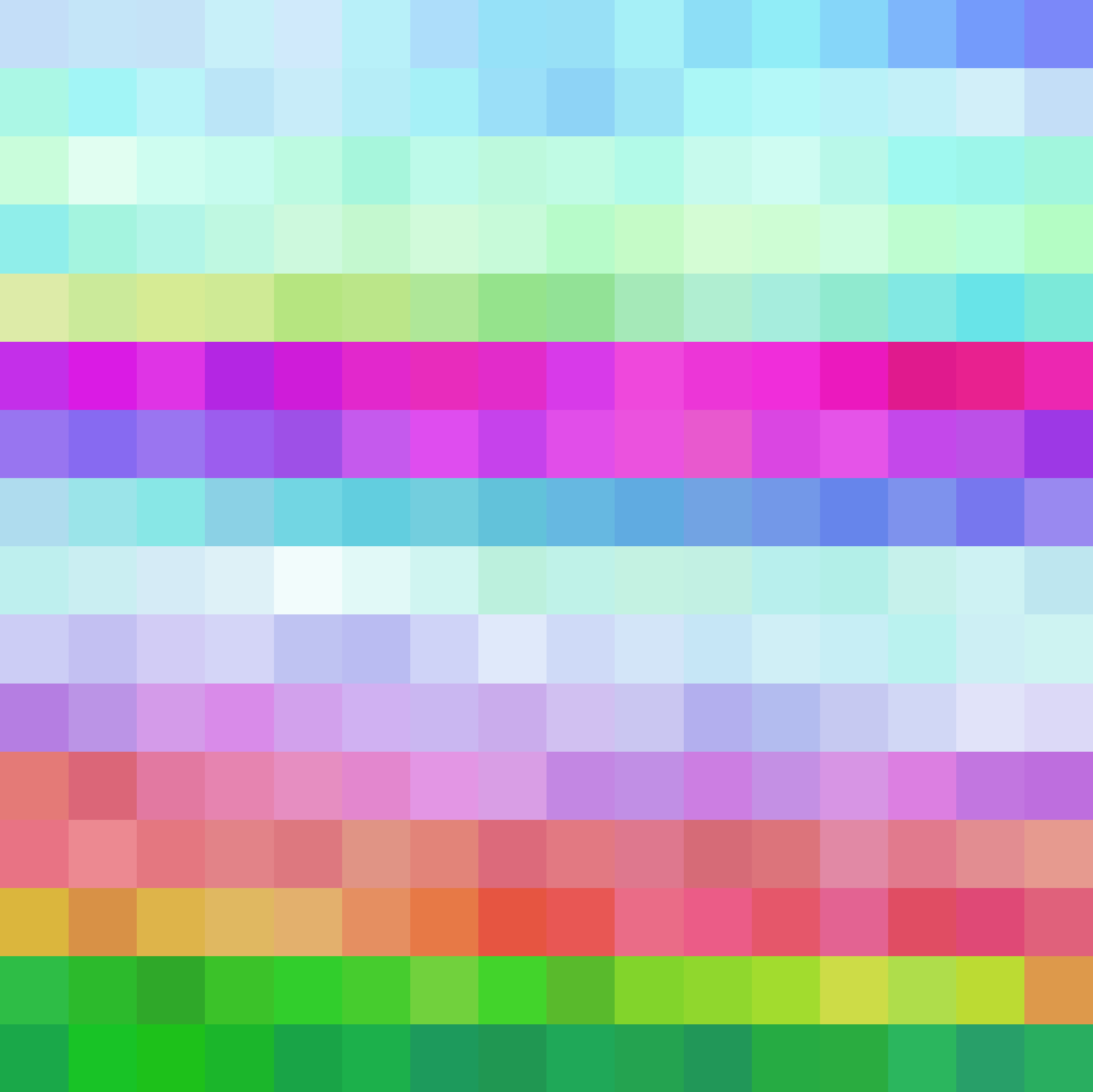
A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has quite some cyan in it.
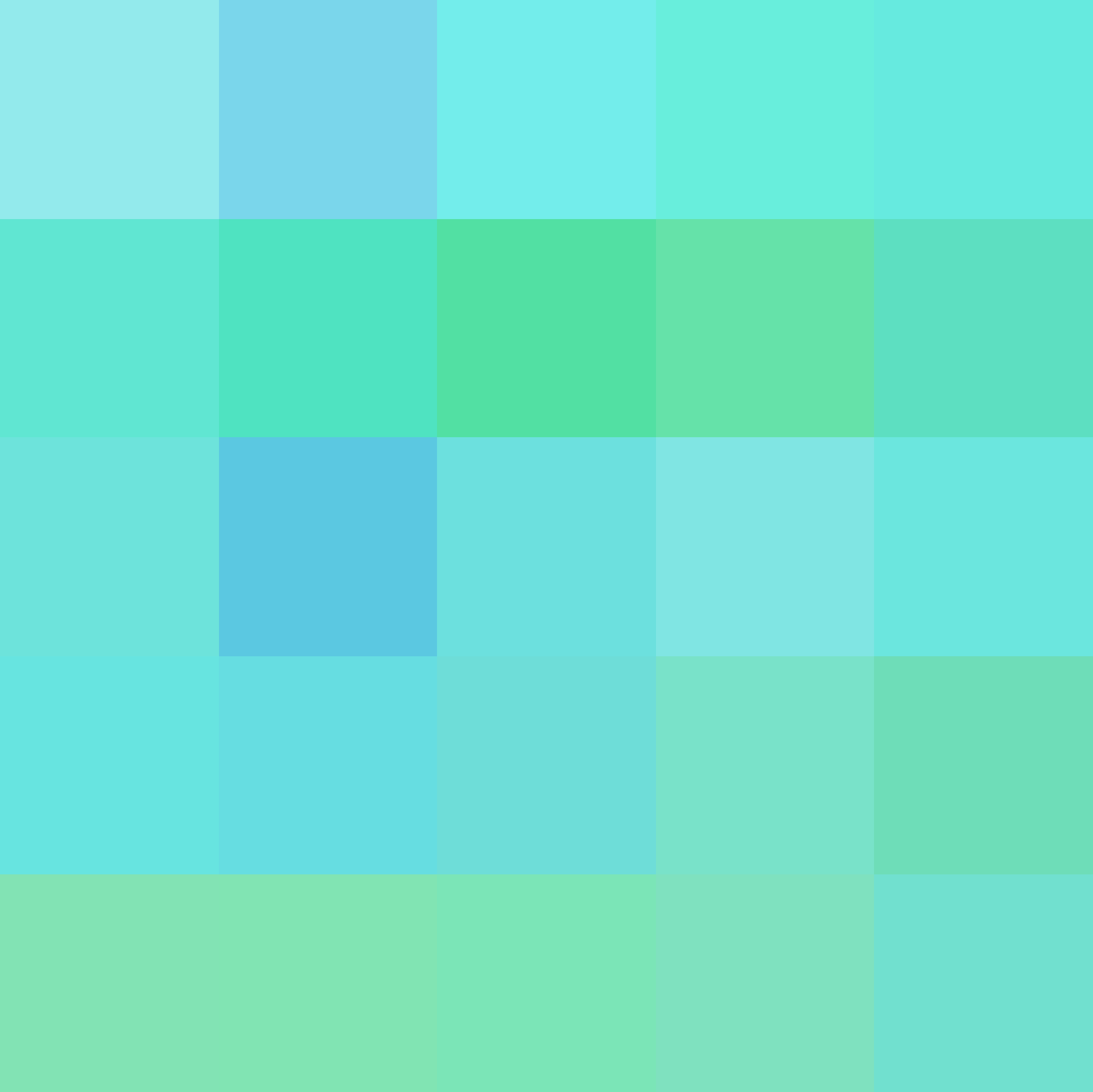
There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly indigo, but it also has quite some purple, some violet, some blue, some magenta, a bit of red, and a little bit of rose in it.
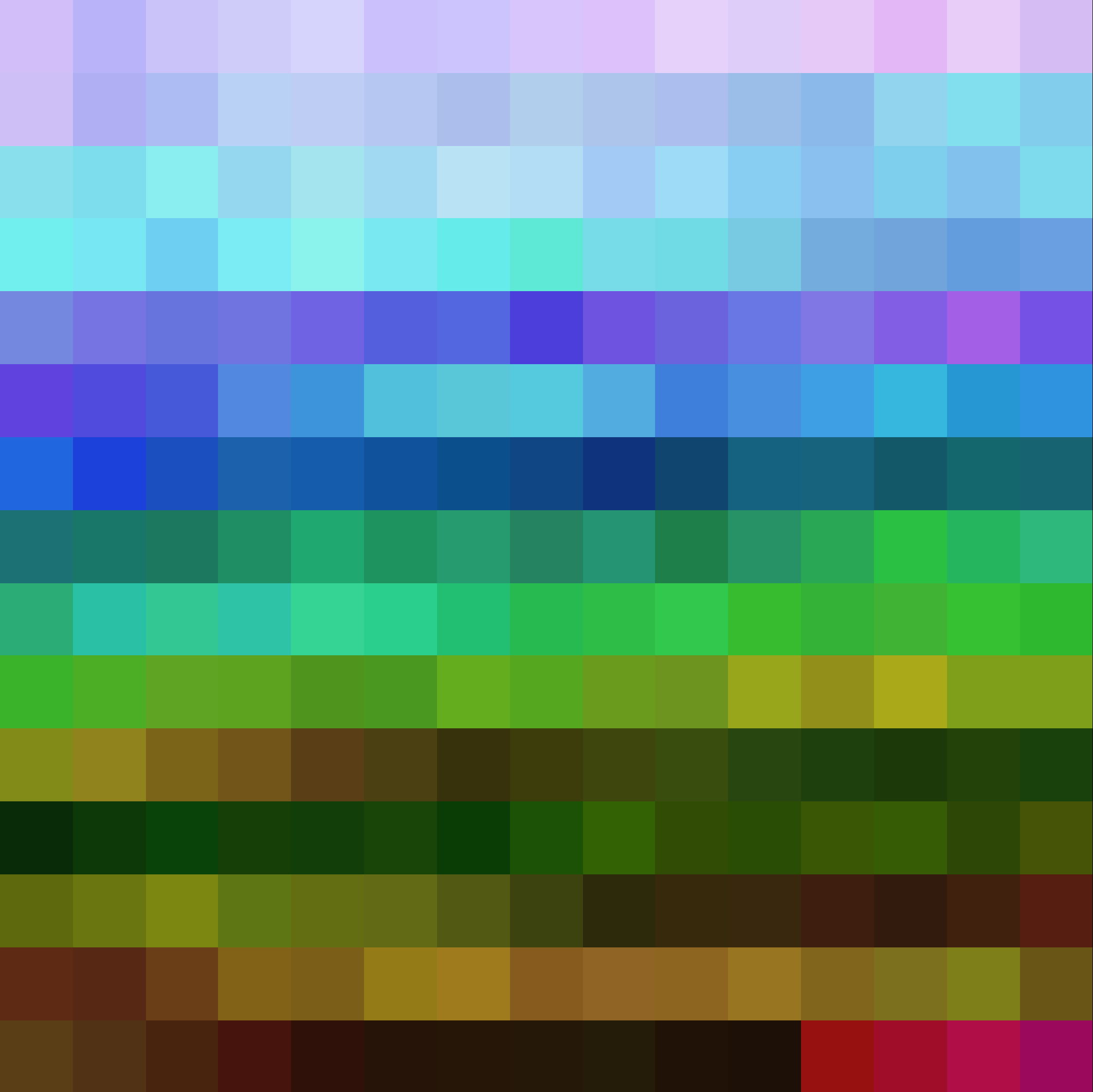
Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is magenta.
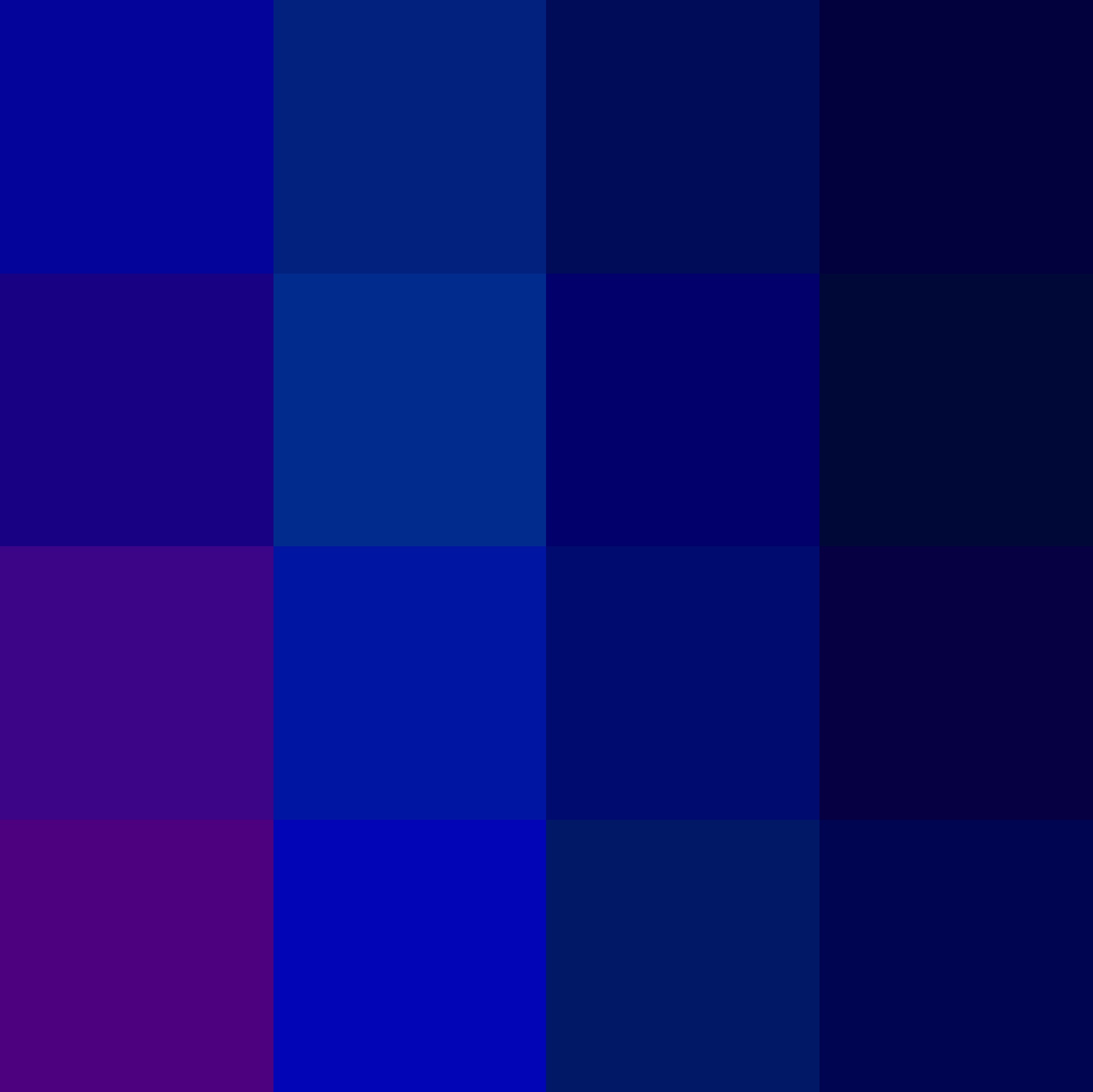
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some cyan, some blue, a bit of magenta, a bit of red, a bit of purple, a little bit of indigo, a little bit of rose, a little bit of orange, a tiny bit of lime, a tiny bit of violet, and a tiny bit of yellow in it.

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

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

This pixel gradient—it is 4 cells wide, 4 cells high—is mostly blue, but it also has quite some indigo, a little bit of purple, and a little bit of violet in it.
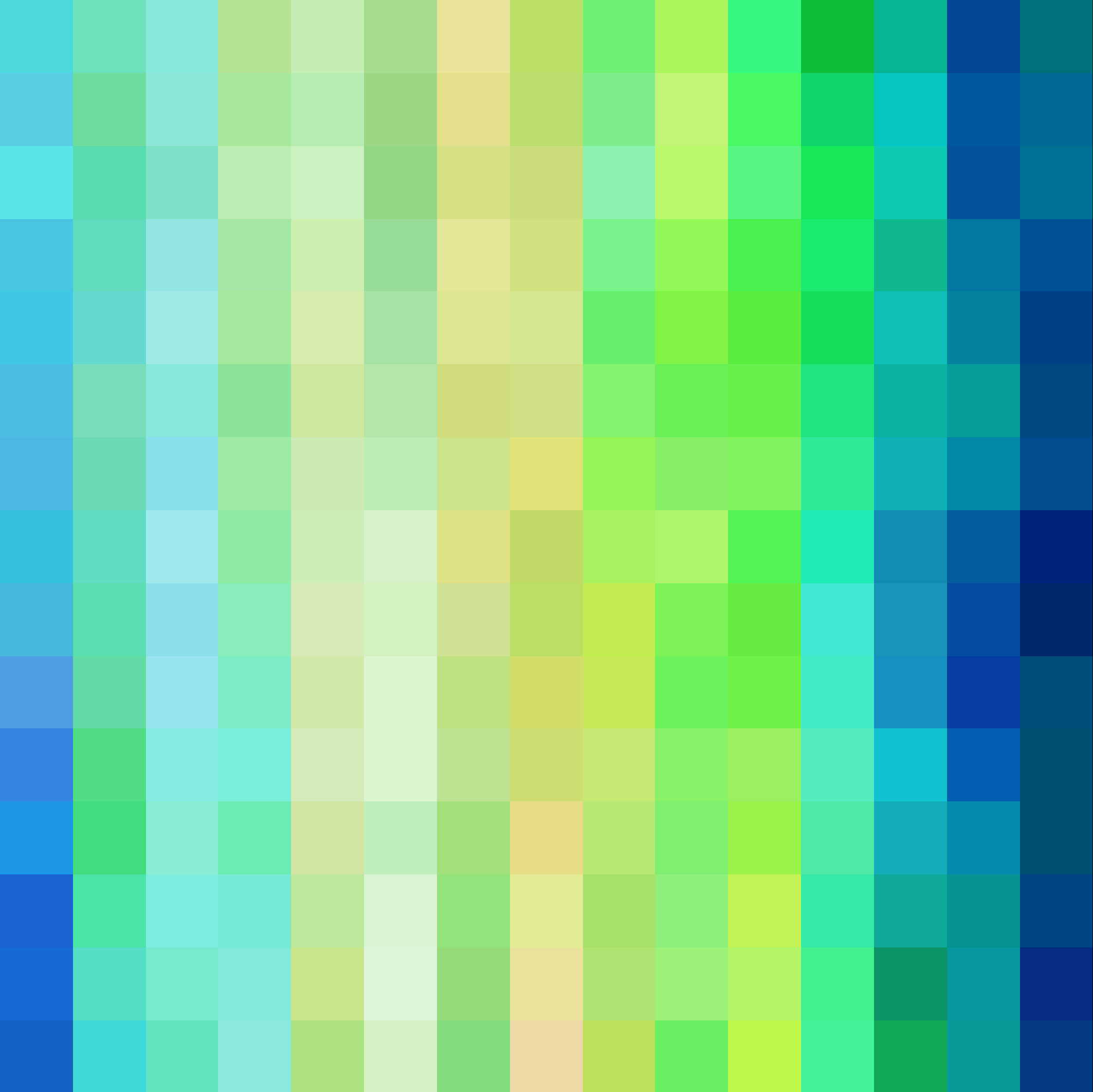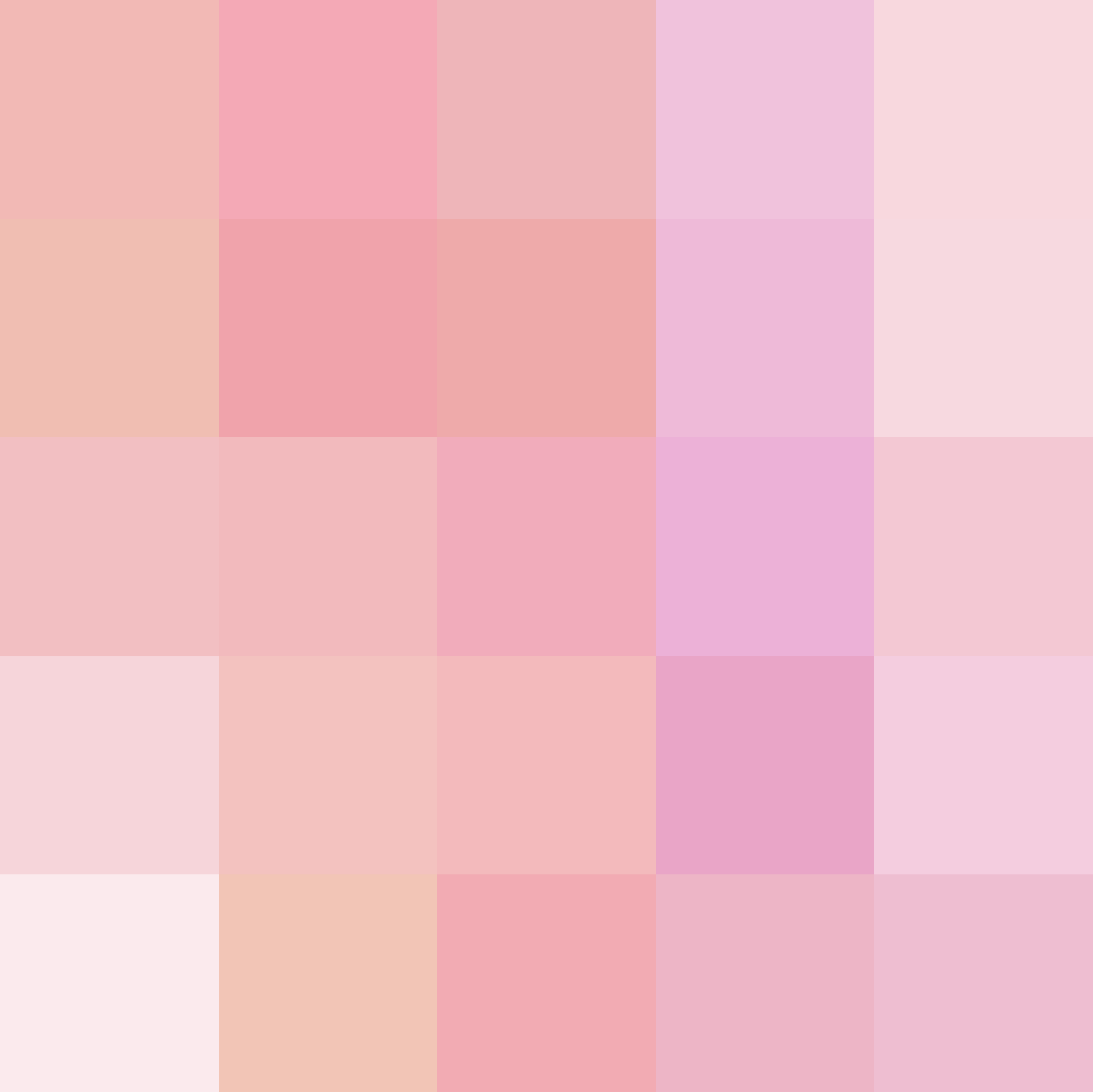
Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has a bit of orange, a bit of yellow, a little bit of cyan, a tiny bit of red, and a tiny bit of lime in it.
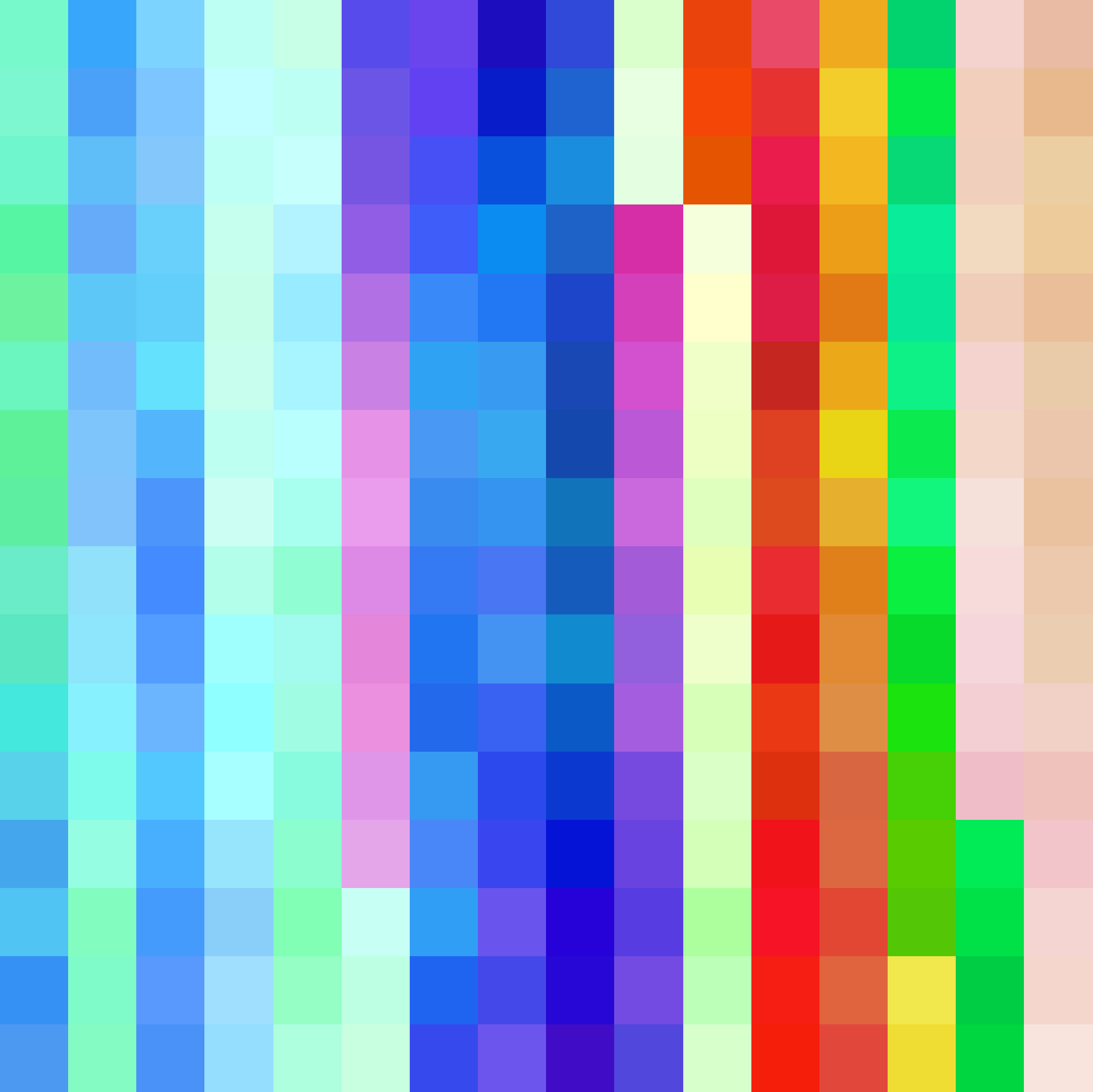
The cells in this 7 by 7 pixel grid form a very colourful gradient. It is mostly green, and it also has some orange, some red, a bit of rose, a bit of yellow, a little bit of lime, and a tiny bit of magenta in it.

There's a very colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has quite some cyan, some blue, a bit of lime, a bit of yellow, and a tiny bit of orange in it.

Here's a 5 by 5 pixelated grid that forms a gradient. It is mostly red, but it also has some rose, and some magenta 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 quite some green, some red, some cyan, some orange, a little bit of indigo, a little bit of magenta, a tiny bit of purple, a tiny bit of lime, a tiny bit of yellow, 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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