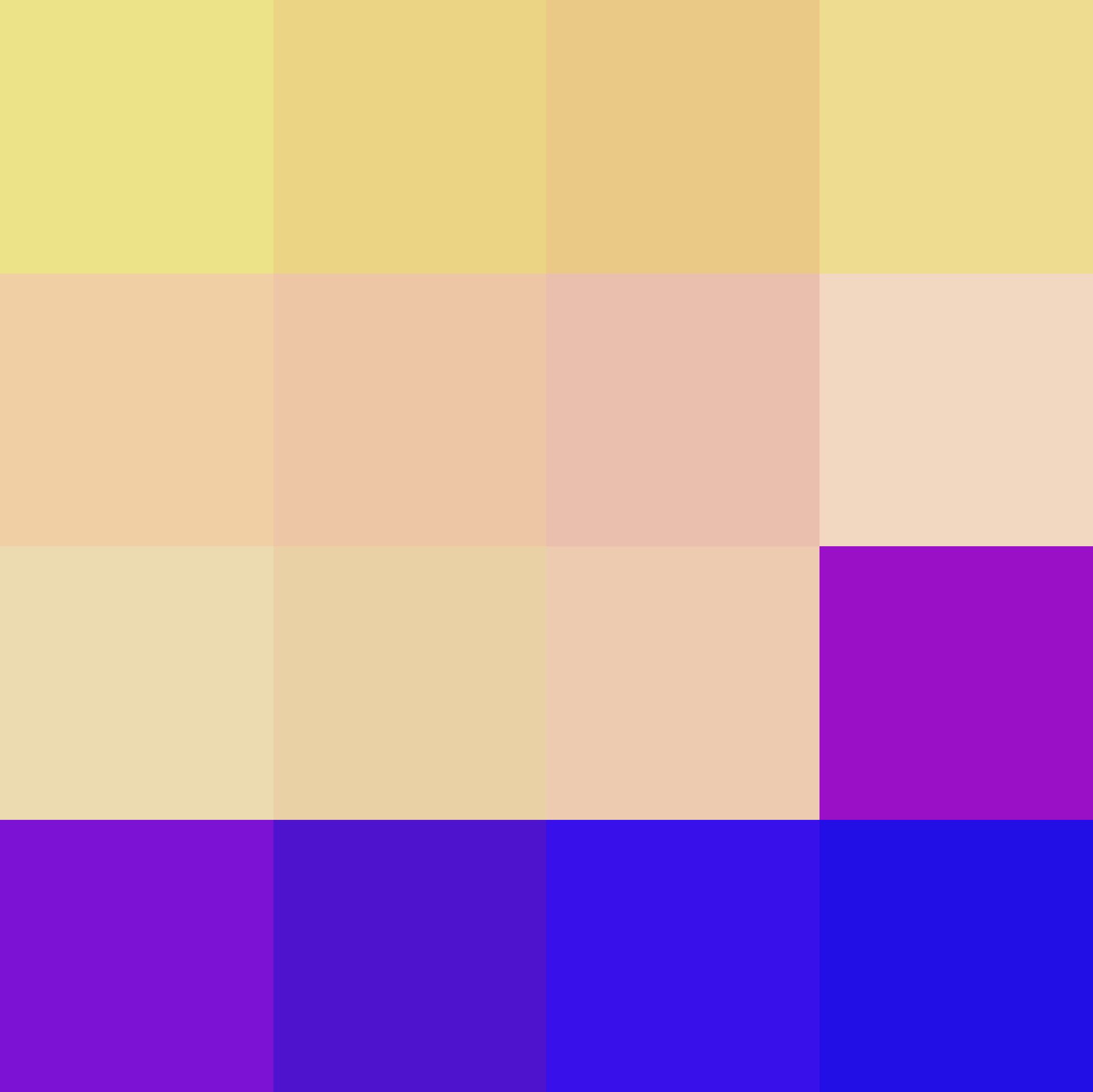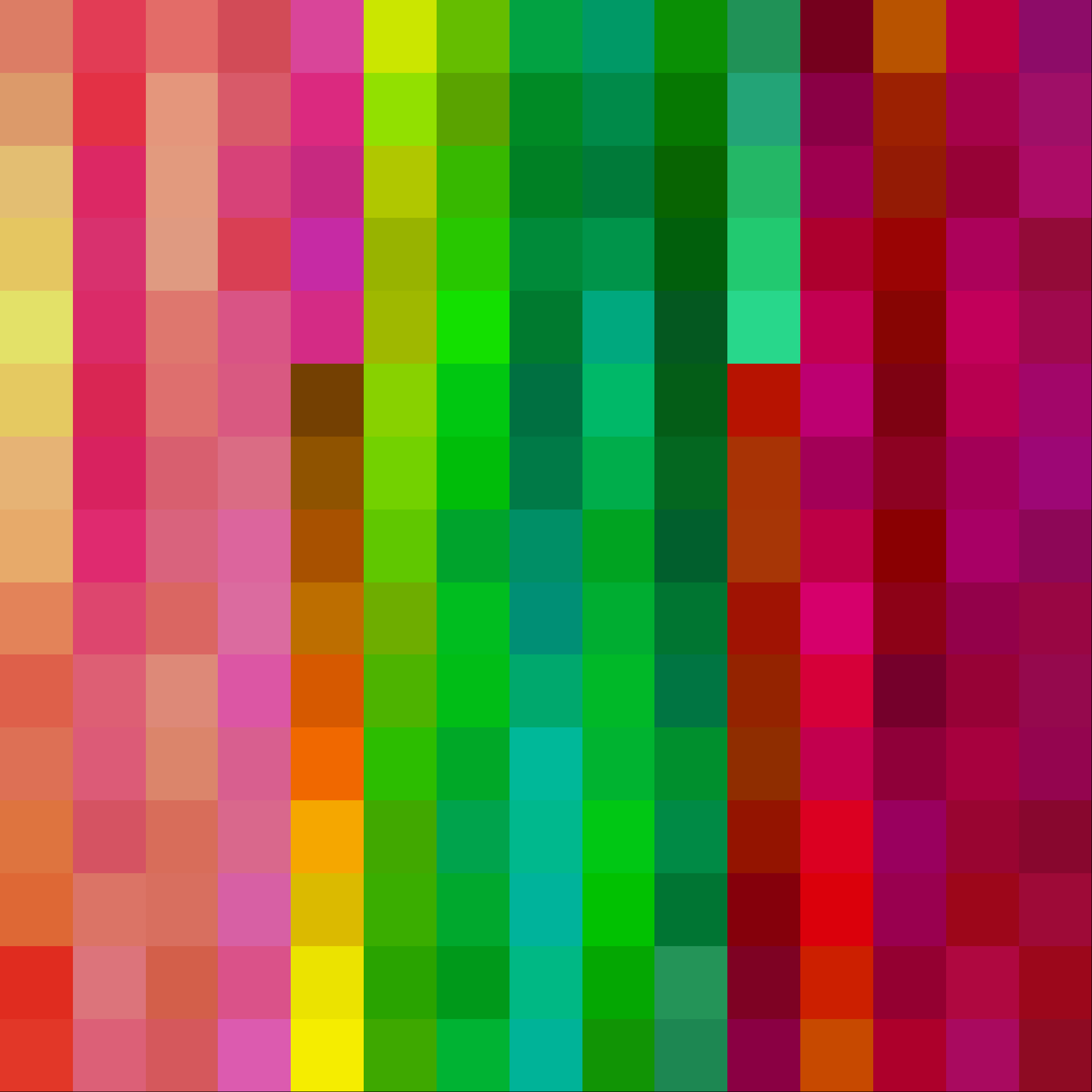# 100 random pixel gradients
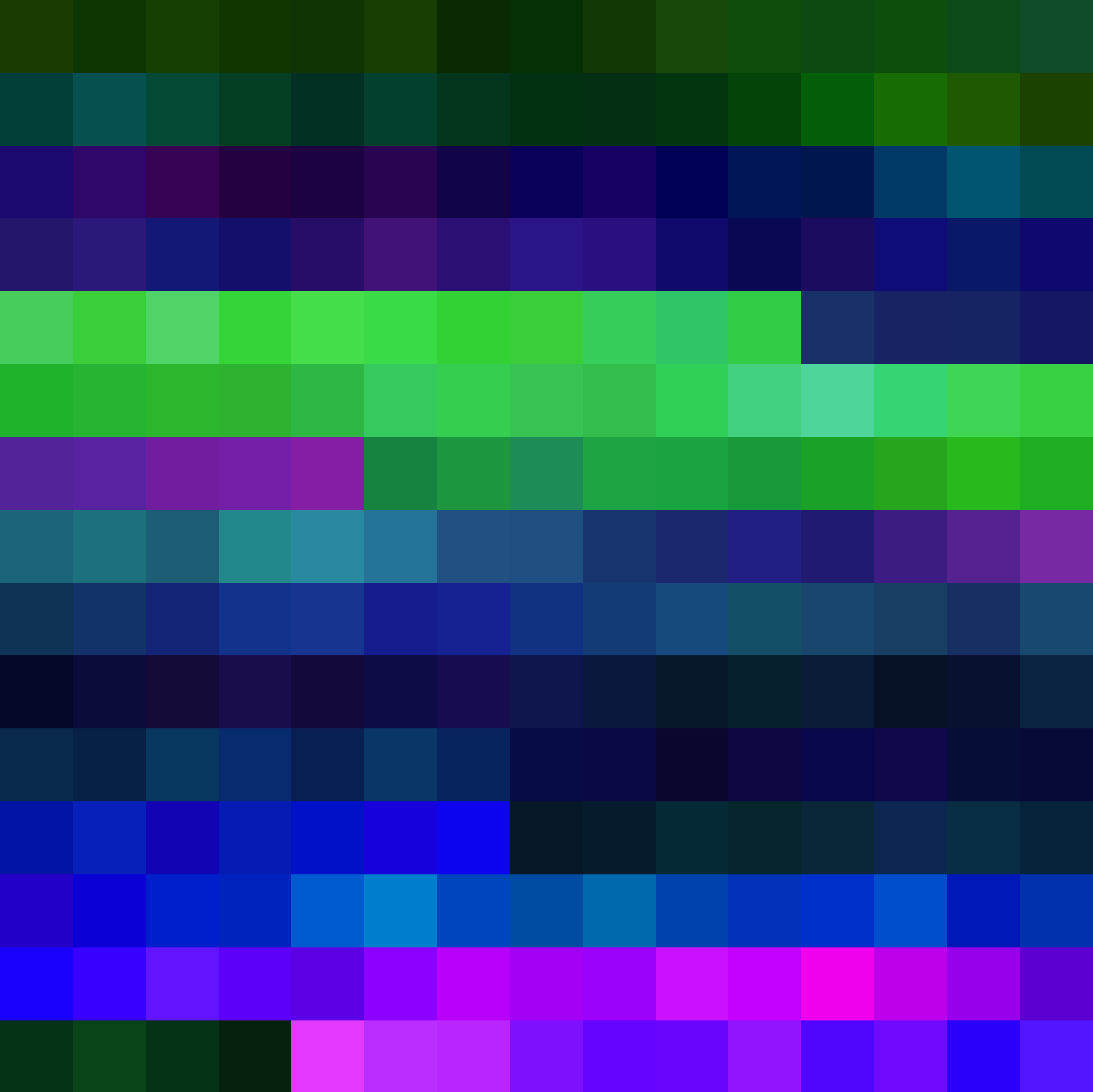
Vasilis van Gemert - 06-12-2023

Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly orange, but it also has some yellow, some indigo, and some purple in it.

A colourful grid of 225 blocks. It's mostly red,
but it also has quite some green, a bit of orange,
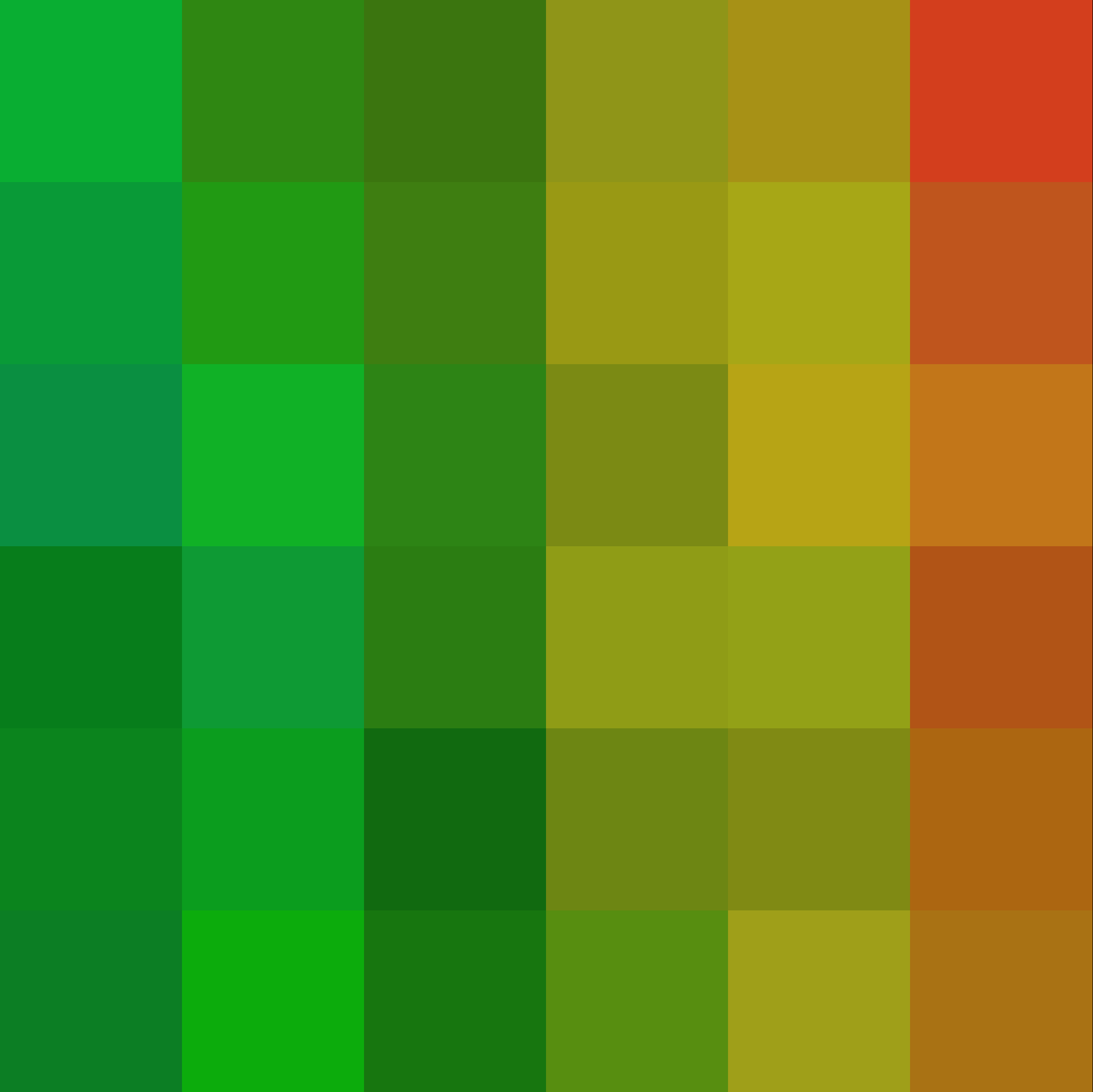a little bit of yellow, and a little bit of cyan in it.

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

A colourful grid of 256 blocks. It's mostly green, but it also has some red, some orange, a bit of yellow, and a little bit of lime in it.

A grid of 36 blocks. It's mostly orange, and it also has quite some red, and some yellow in it.

A 6 by 6 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 orange, a little bit of lime, and a little bit of red in it.
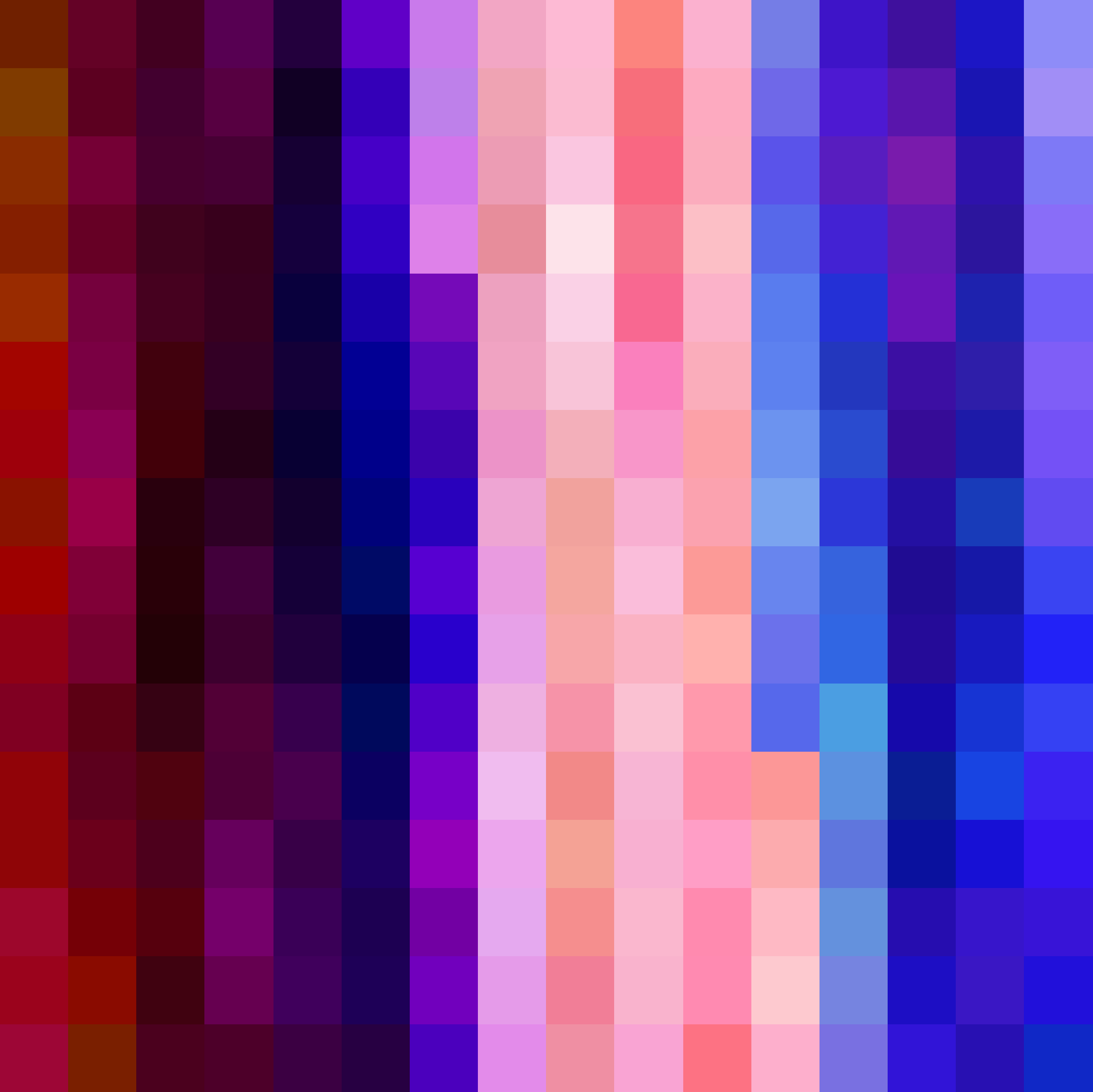
This pixel gradient—it is 10 cells wide, 10 cells high—is mostly orange, and it also has quite some yellow, and some red in it.
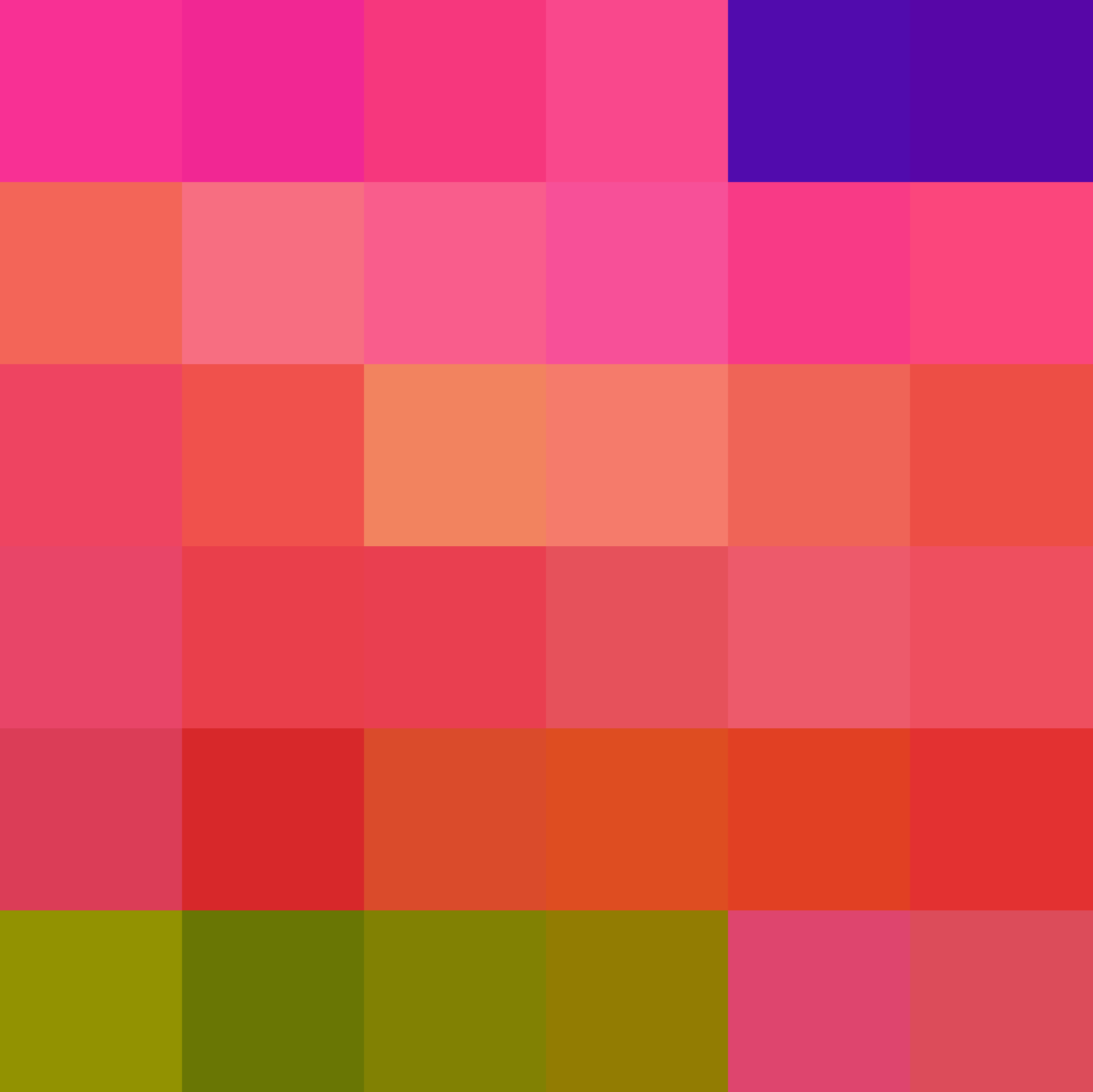
The cells in this 9 by 9 pixel grid form a very colourful gradient. It is mostly red, but it also has a lot of green, a little bit of rose, a tiny bit of magenta, a tiny bit of orange, and a tiny bit of lime in it.

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

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some rose, some yellow, and a little bit of violet in it.
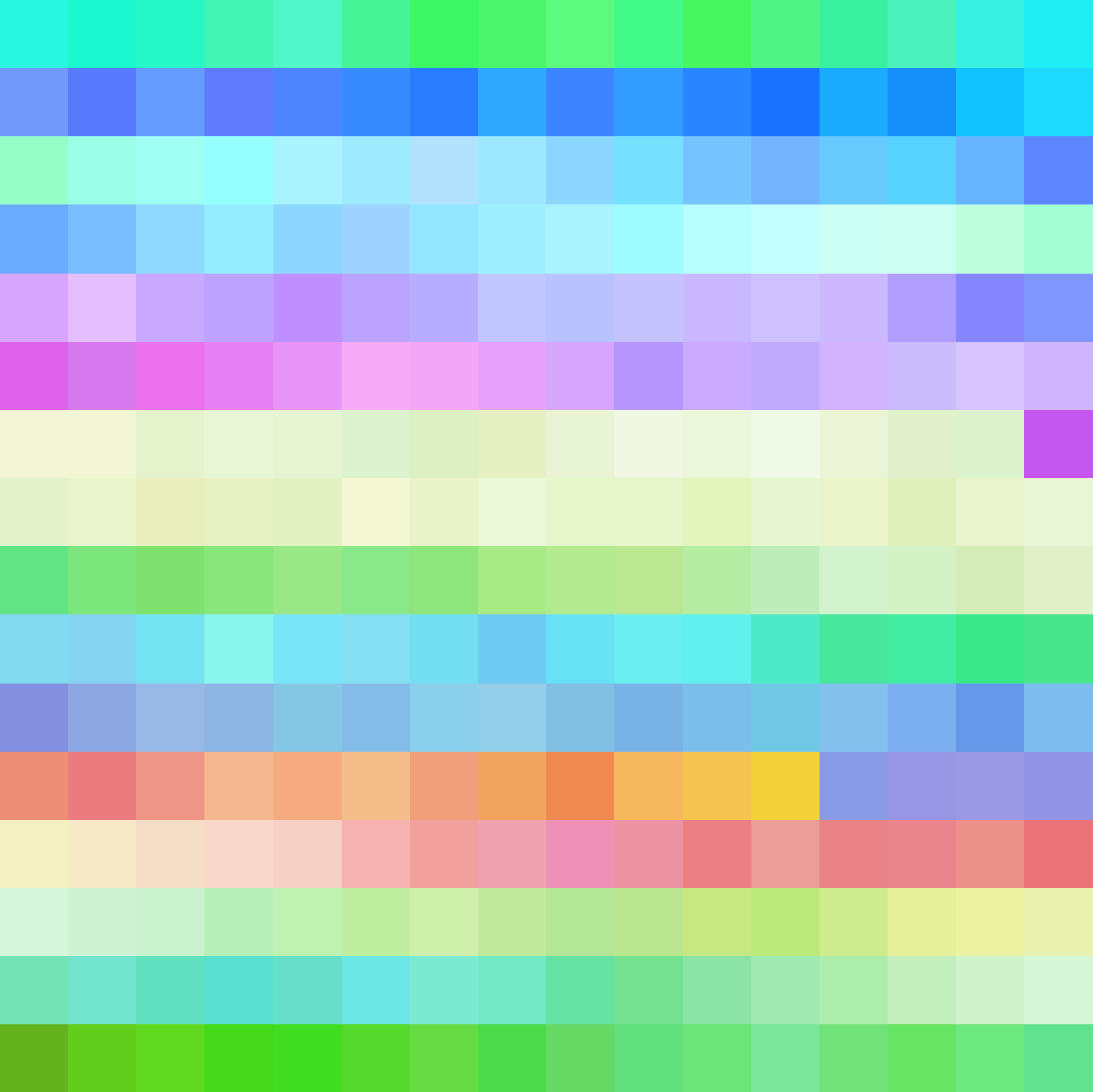
There's a pixel gradient in this 8 by 8 grid. It is mostly green, and it also has quite some cyan, and some blue in it.

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

This gradient, generated in this 4 by 4 pixel grid, is mostly blue, and it also has some indigo, and a little bit of cyan in it.

The cells in this 16 by 16 pixel grid form a very, very colourful gradient. It is mostly green, but it also has quite some blue, some cyan, a little bit of red, a little bit of indigo, a little bit of lime, a little bit of orange, a little bit of yellow, a little bit of purple, a tiny bit of violet, and a tiny bit of magenta in it.
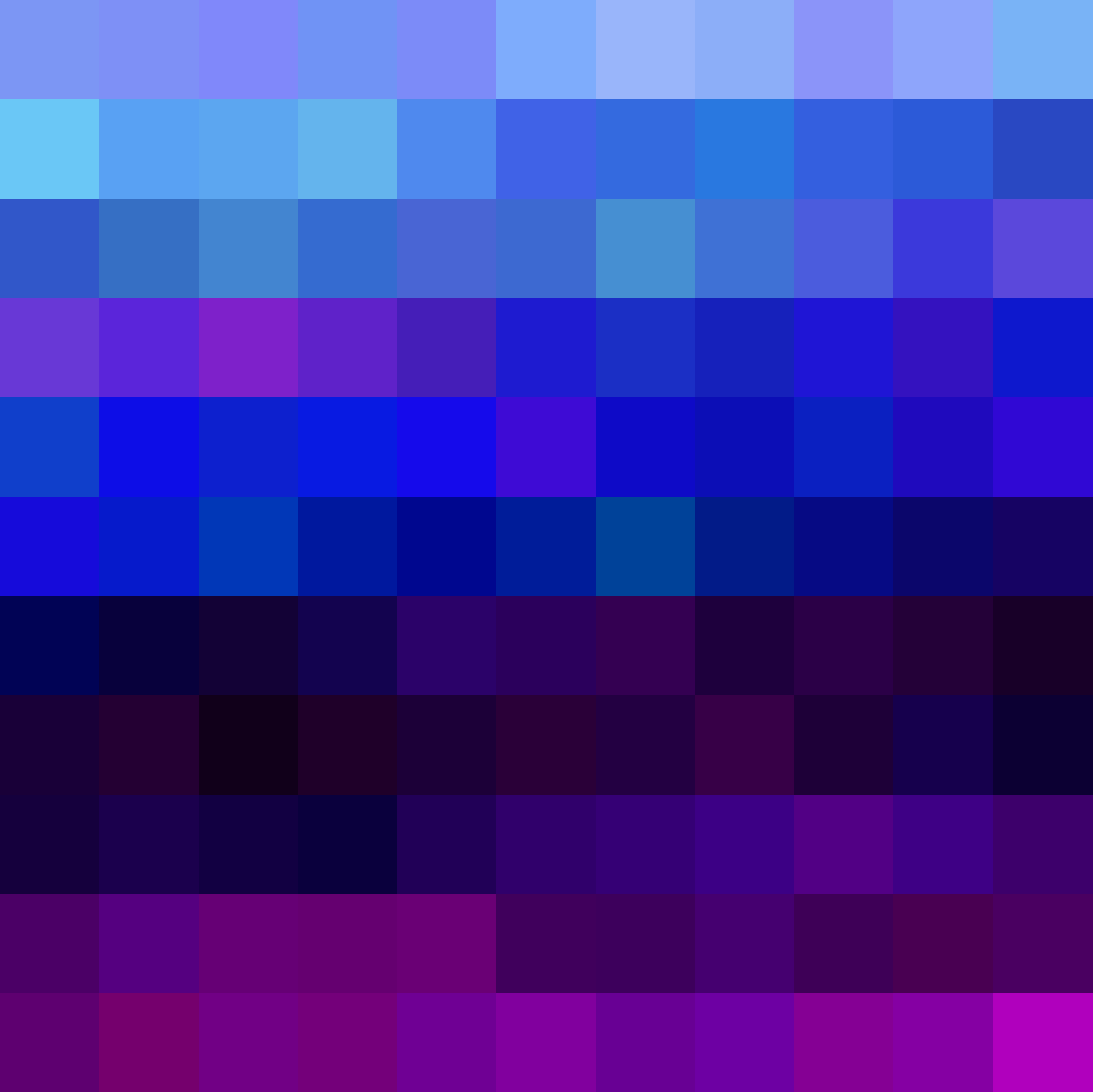
An 11 by 11 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly blue, and it also has quite some purple, some indigo, some violet, and a bit of magenta in it.

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

A grid of 36 blocks. It's mostly green, and it also has quite some yellow, and some lime in it.

Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly yellow, but it also has some green, some orange, a bit of lime, a bit of cyan, and a bit of blue in it.
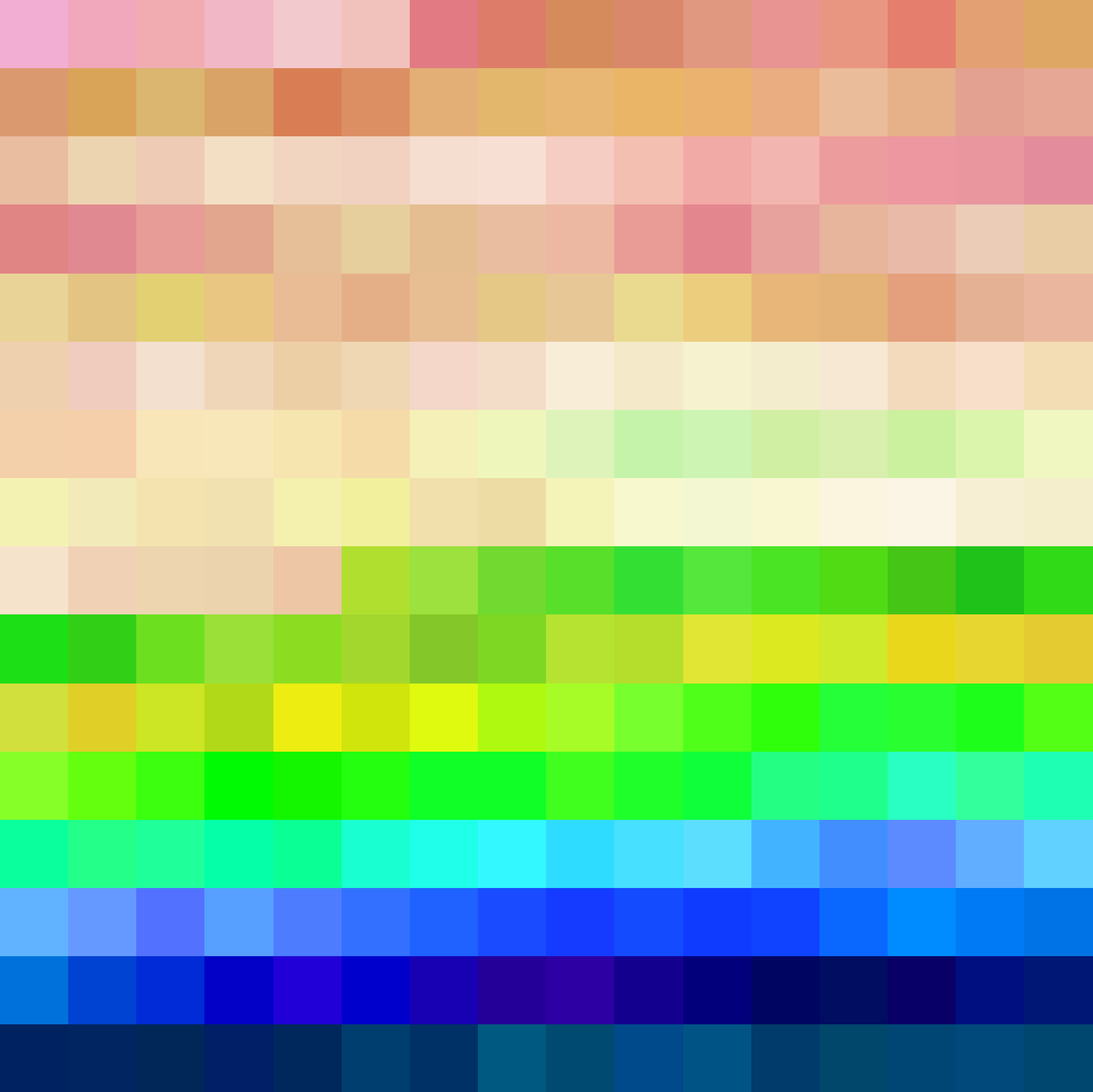
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly orange, but it also has quite some green, some blue, some yellow, a bit of red, a little bit of indigo, a tiny bit of lime, a tiny bit of cyan, and a tiny bit of rose in it.
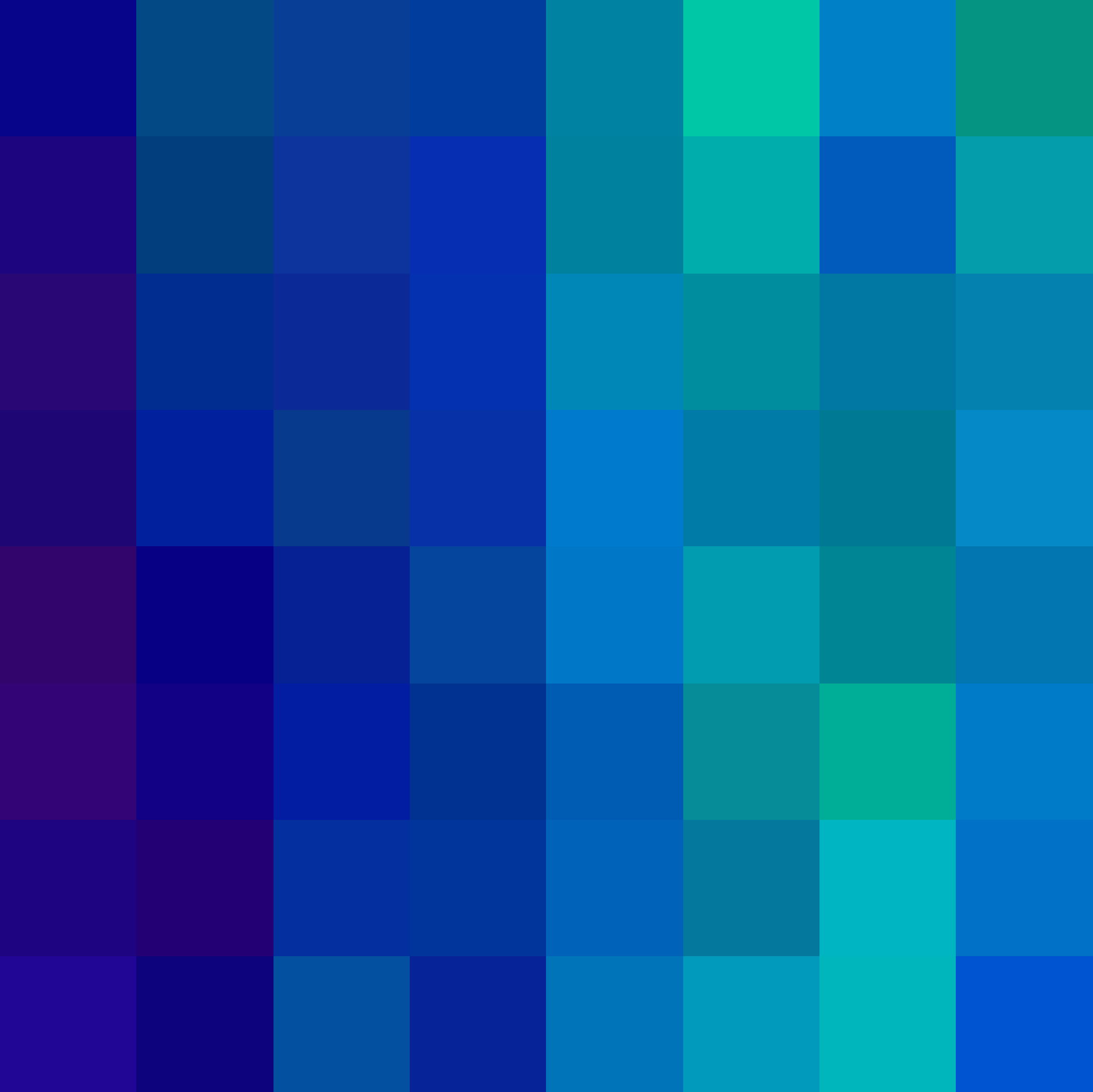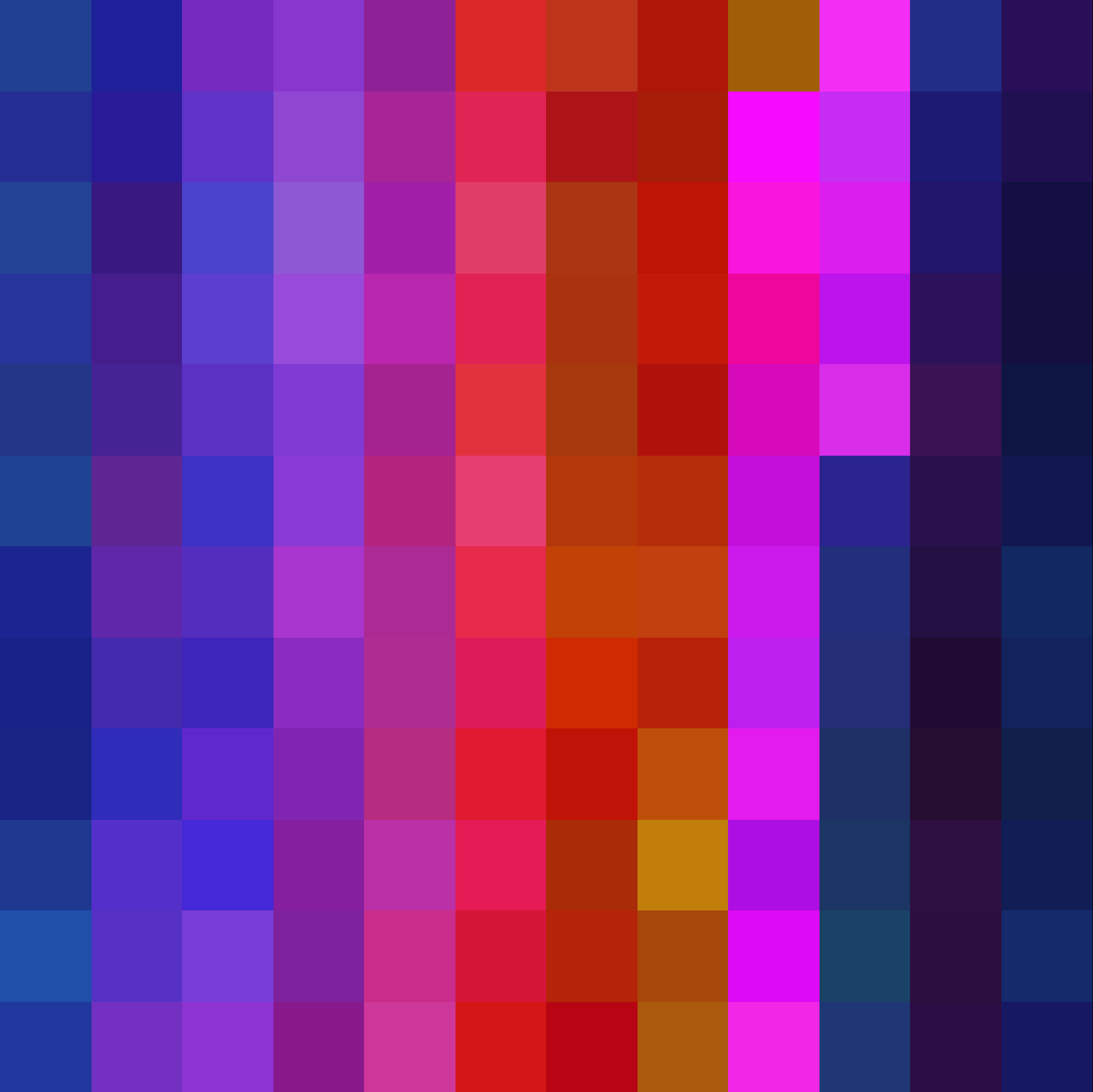
An 8 by 8 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has quite some cyan, some indigo, and a little bit of violet in it.
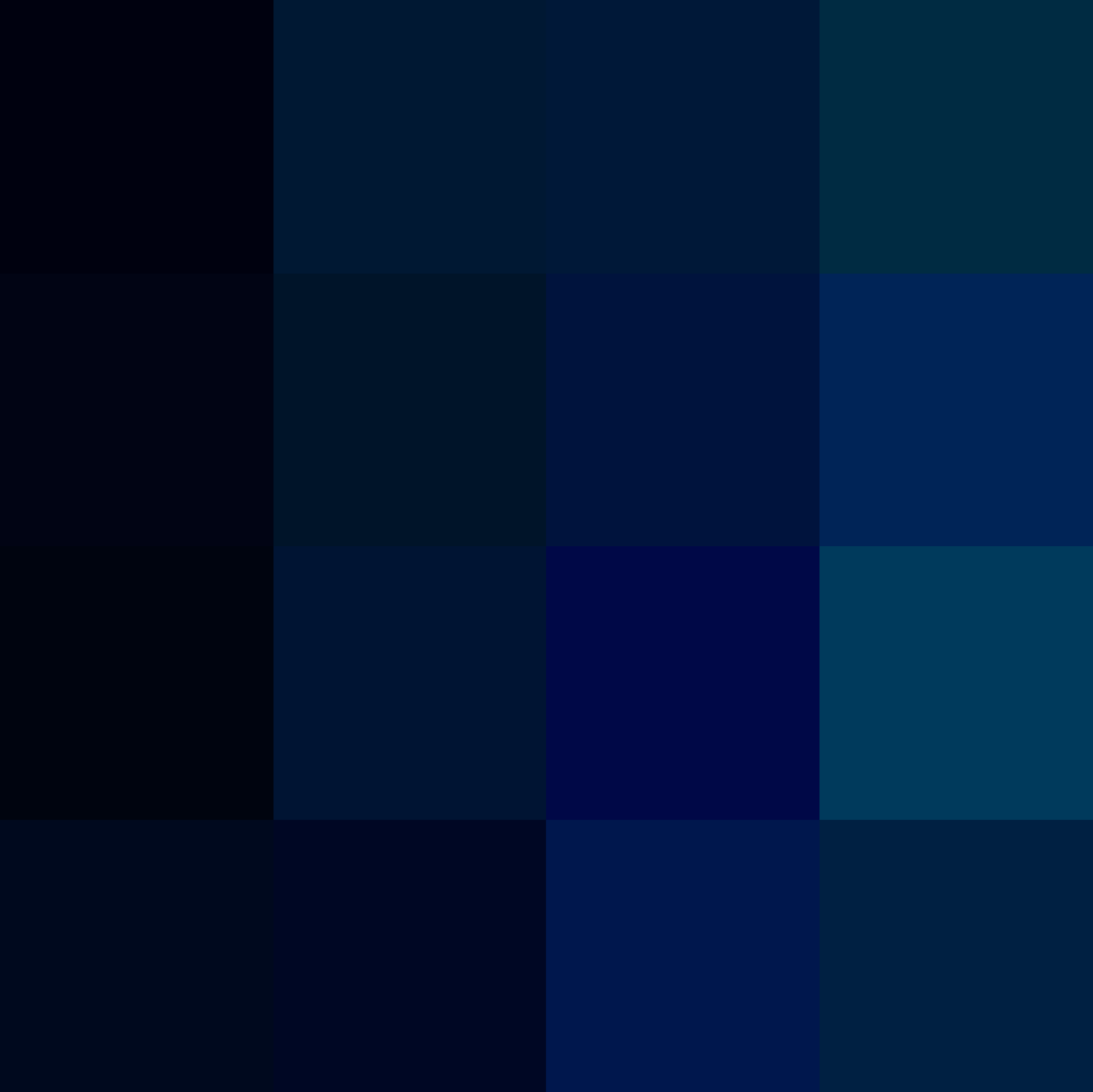
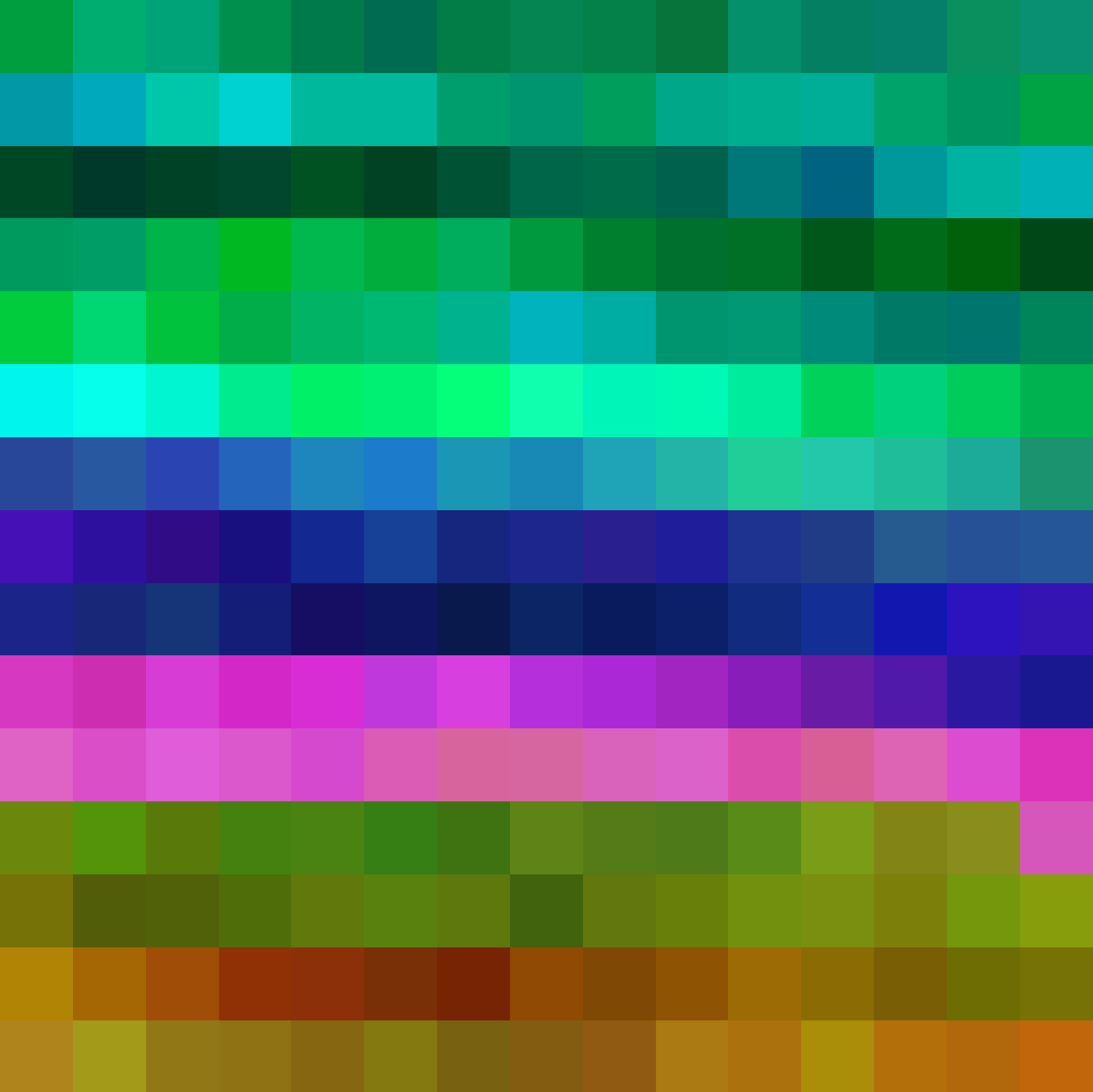This monochrome gradient, generated in this 4 by 4 pixel grid, is blue.

A grid with 144 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some green, some indigo, a little bit of violet, a little bit of cyan, a little bit of rose, a little bit of blue, and a tiny bit of red in it.
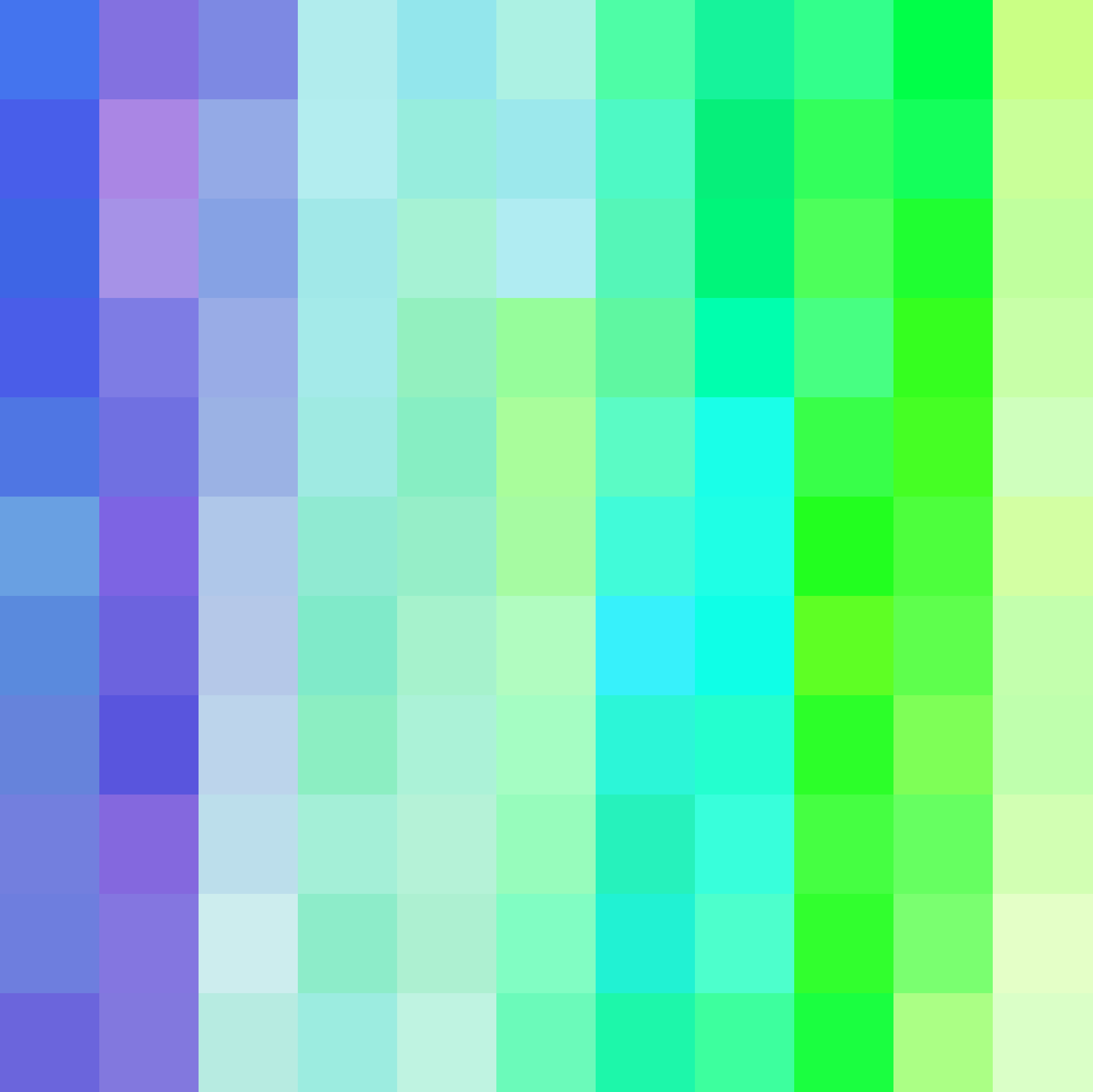
This very colourful pixel gradient—it is 12 cells wide, 12 cells high—is mostly blue, but it also has some red, some magenta, some indigo, some purple, a bit of violet, and a little bit of orange in it.
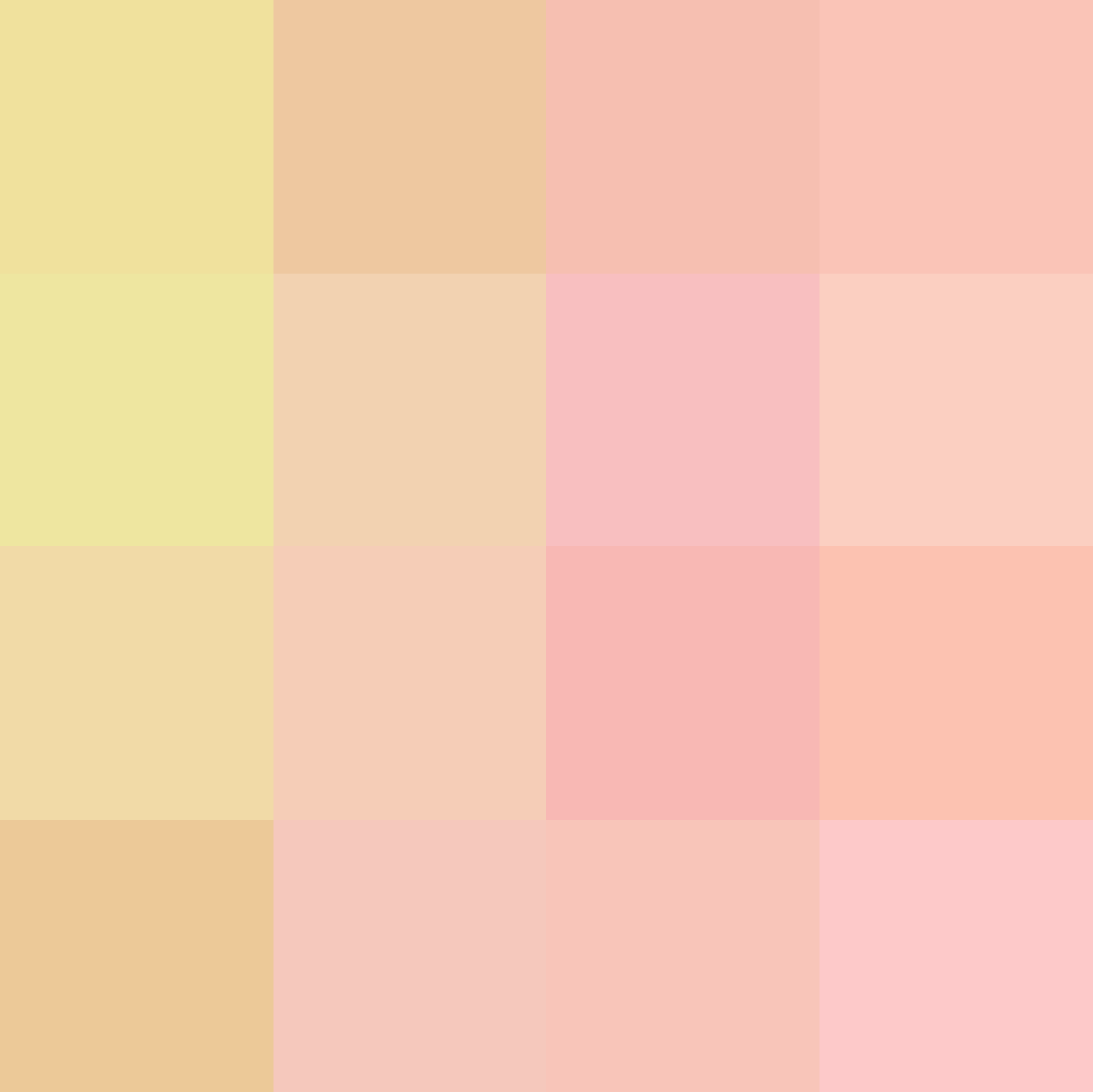
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some cyan, some blue, a bit of orange, a bit of magenta, a bit of yellow, a little bit of indigo, a little bit of lime, a little bit of purple, a tiny bit of rose, and a tiny bit of violet in it.

Here's an 11 by 11 pixelated grid that forms a colourful gradient. It is mostly green, and it also has quite some cyan, some blue, a bit of indigo, and a tiny bit of violet in it.

Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly red, and it also has quite some orange, and some yellow in it.
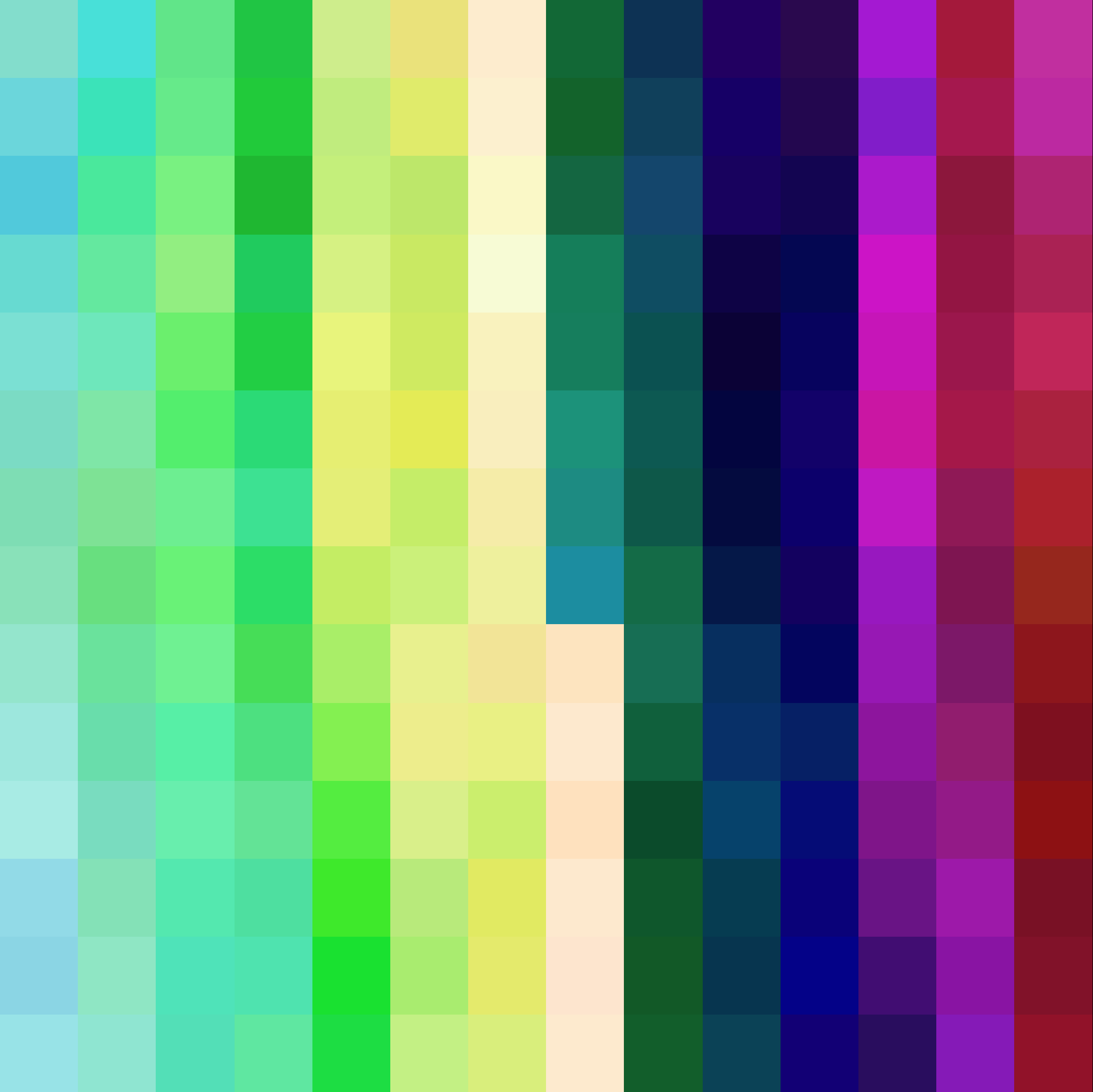
This very, very colourful pixel gradient—it is 9 cells wide, 9 cells high—is mostly blue, but it also has some cyan, some green, some purple, some indigo, a bit of violet, a little bit of red, a little bit of magenta, and a little bit of rose in it.

A grid with 36 coloured squares that form a very colourful gradient. The colours are various shades of mostly yellow, but it also has quite some green, some red, a bit of orange, a little bit of rose, a little bit of lime, and a little bit of magenta in it.

The cells in this 6 by 6 pixel grid form a gradient. It is mostly red, and it also has quite some orange, some yellow, and a little bit of lime 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 a bit of cyan, a bit of yellow, a bit of blue, a bit of magenta, a little bit of indigo, a little bit of lime, a little bit of red, a little bit of purple, a little bit of orange, a little bit of rose, and a tiny bit of violet in it.
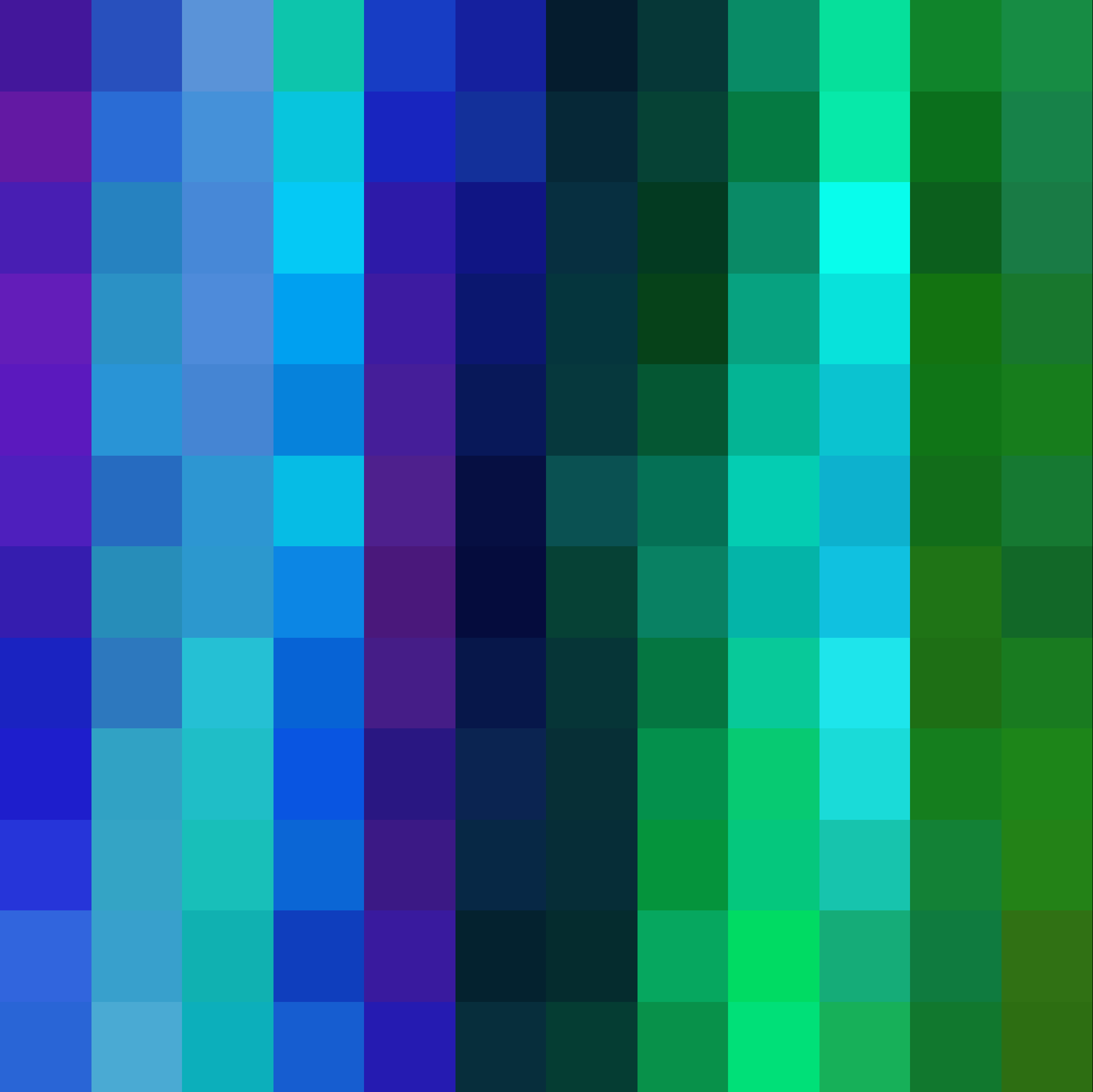
Here's a 12 by 12 pixelated grid that forms a very colourful gradient. It is mostly blue, but it also has quite some green, quite some cyan, a bit of indigo, a little bit of violet, and a tiny bit of purple in it.
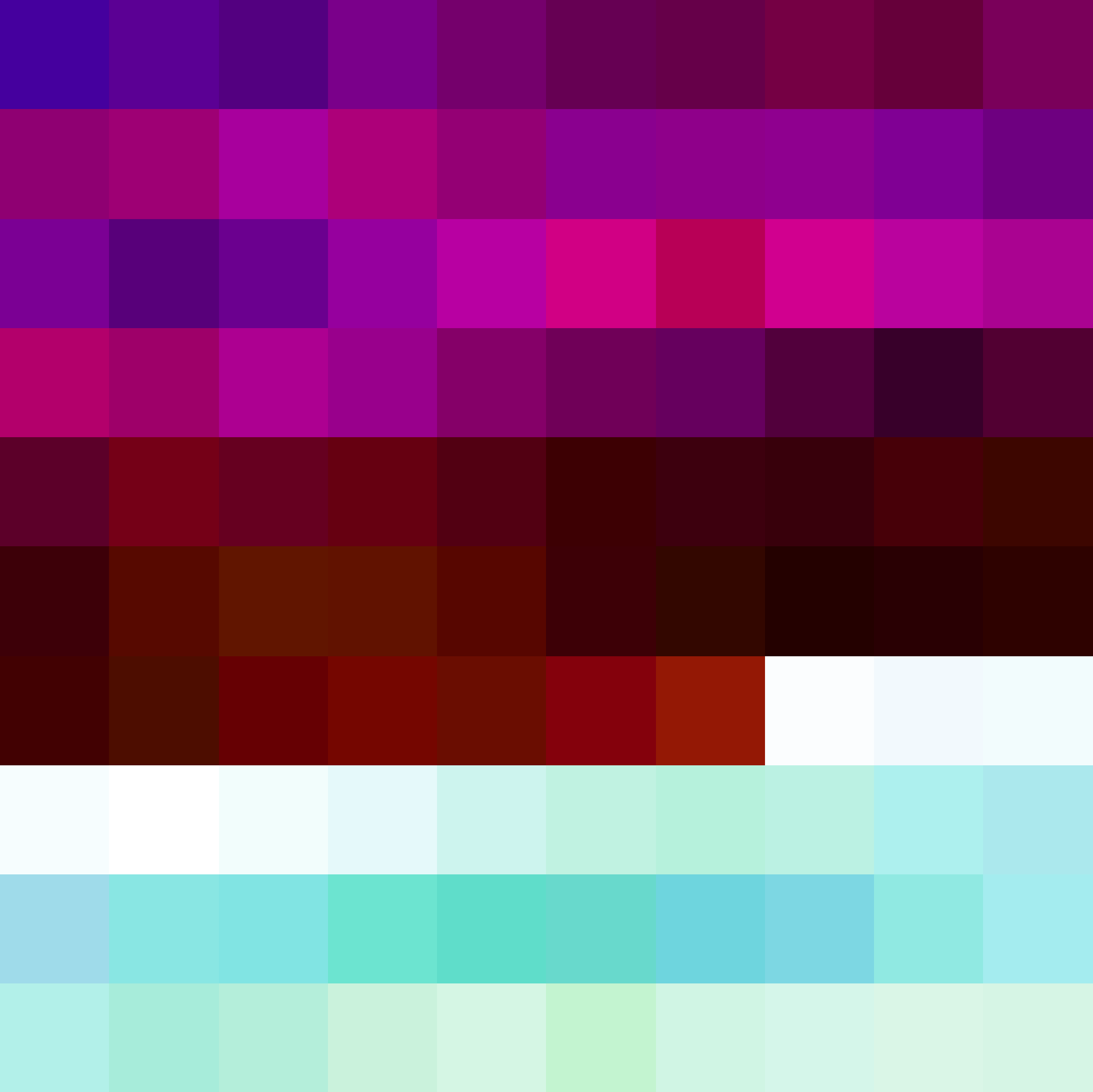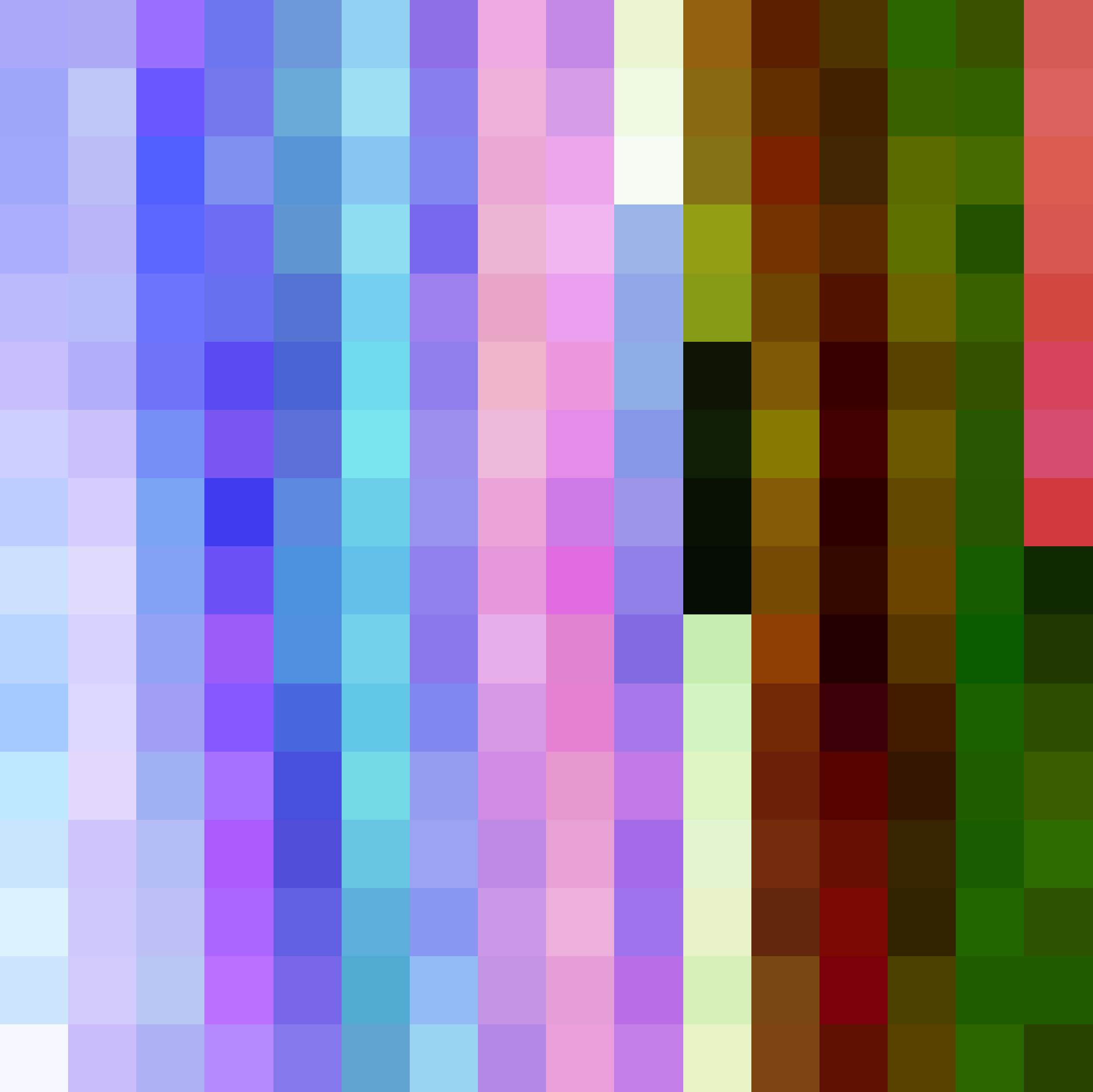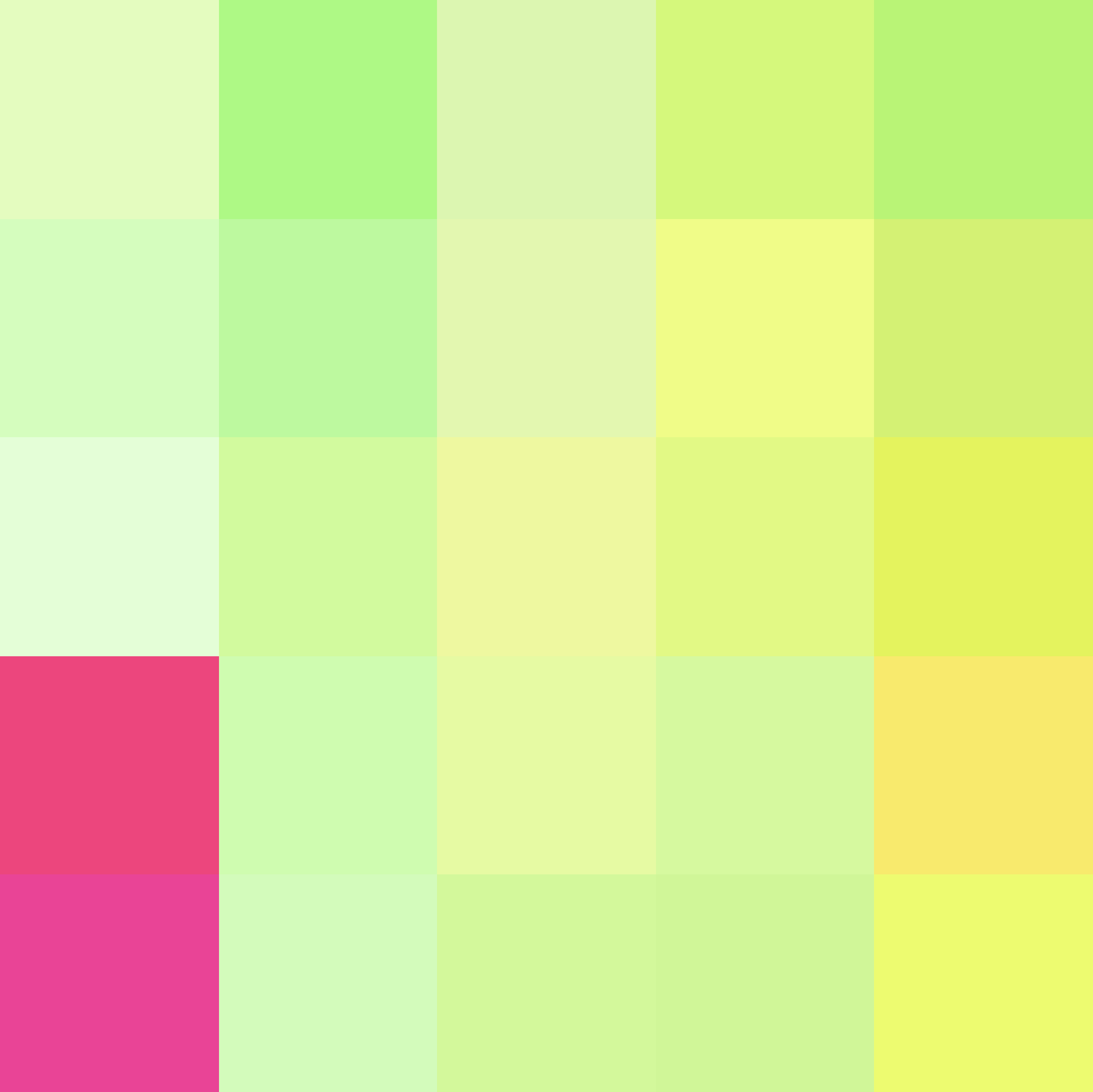
This very, very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly magenta, but it also has quite some red, quite some cyan, a bit of green, a little bit of purple, a little bit of rose, a tiny bit of blue, and a tiny bit of violet in it.
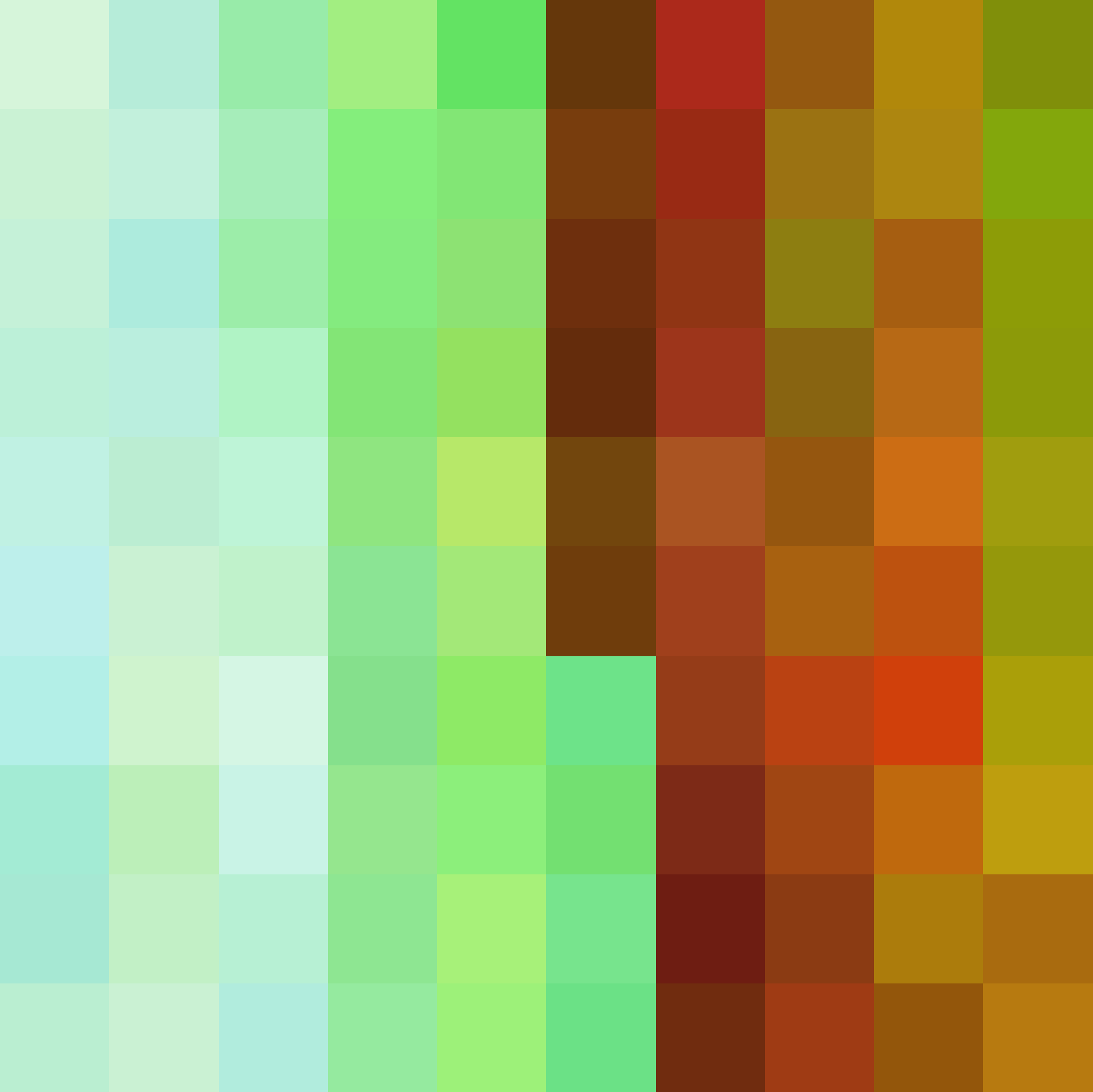
There's a very colourful pixel gradient in this 10 by 10 grid. It is mostly green, and it also has quite some orange, a bit of yellow, a little bit of red, a little bit of cyan, and a tiny bit of lime in it.
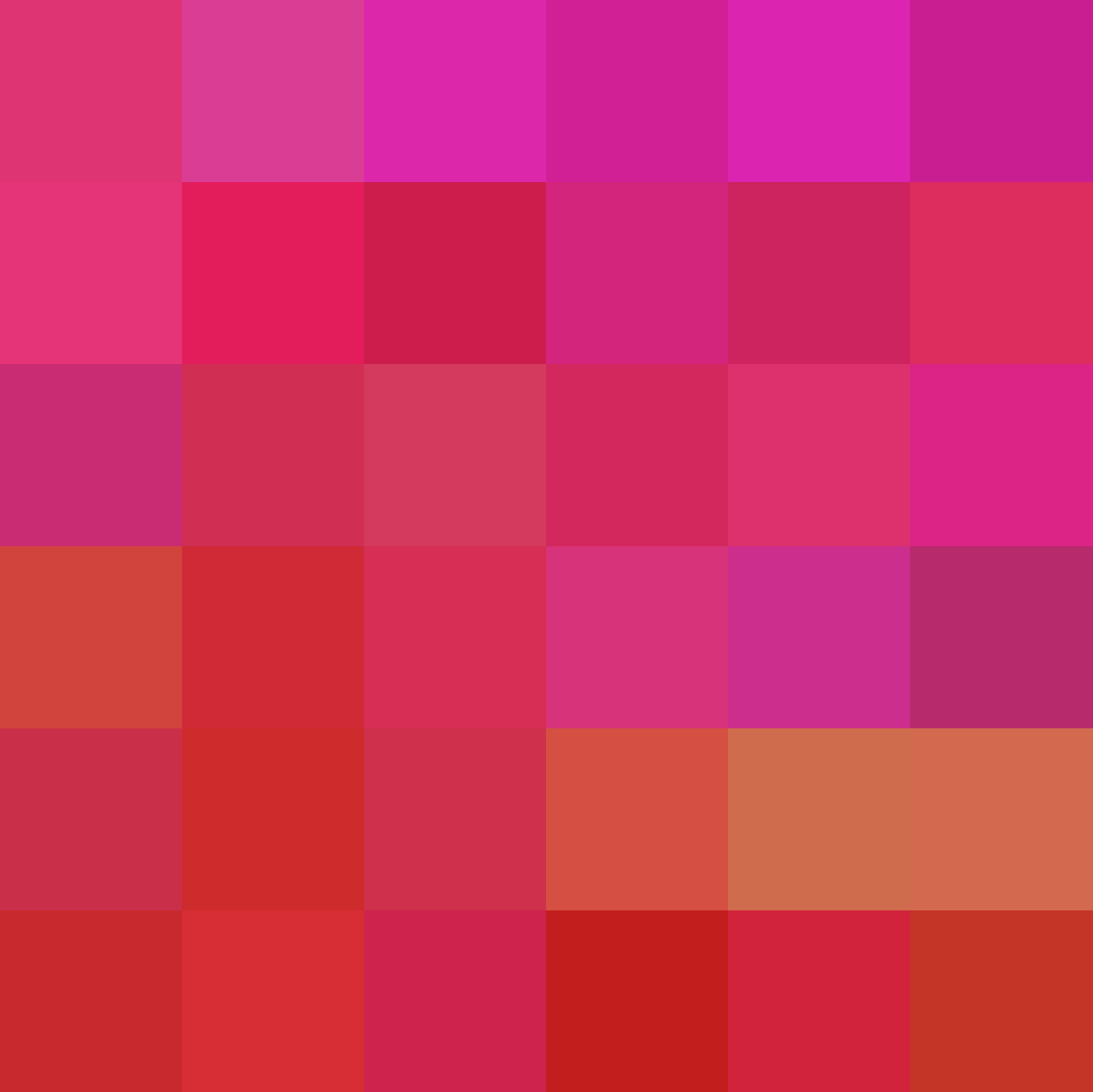
This very, very colourful gradient, generated in this 16 by 16 pixel grid, is mostly blue, and it also has some indigo, some green, some orange, a bit of red, a bit of magenta, a little bit of purple, a little bit of yellow, a little bit of violet, a tiny bit of cyan, a tiny bit of lime, and a tiny bit of rose in it.

A grid of 25 blocks. It's mostly green, and it also has quite some lime, quite some yellow, and a bit of rose in it.
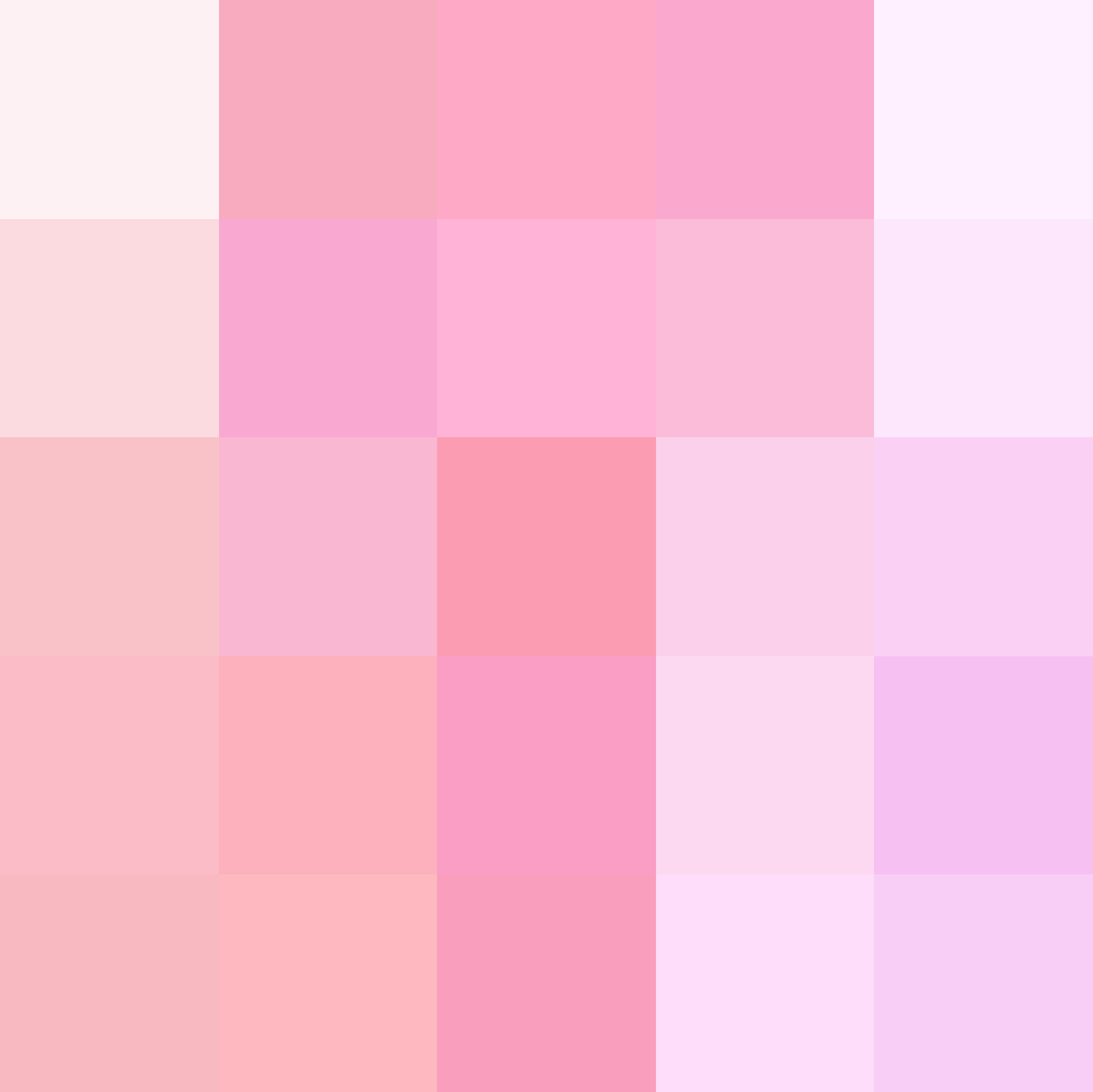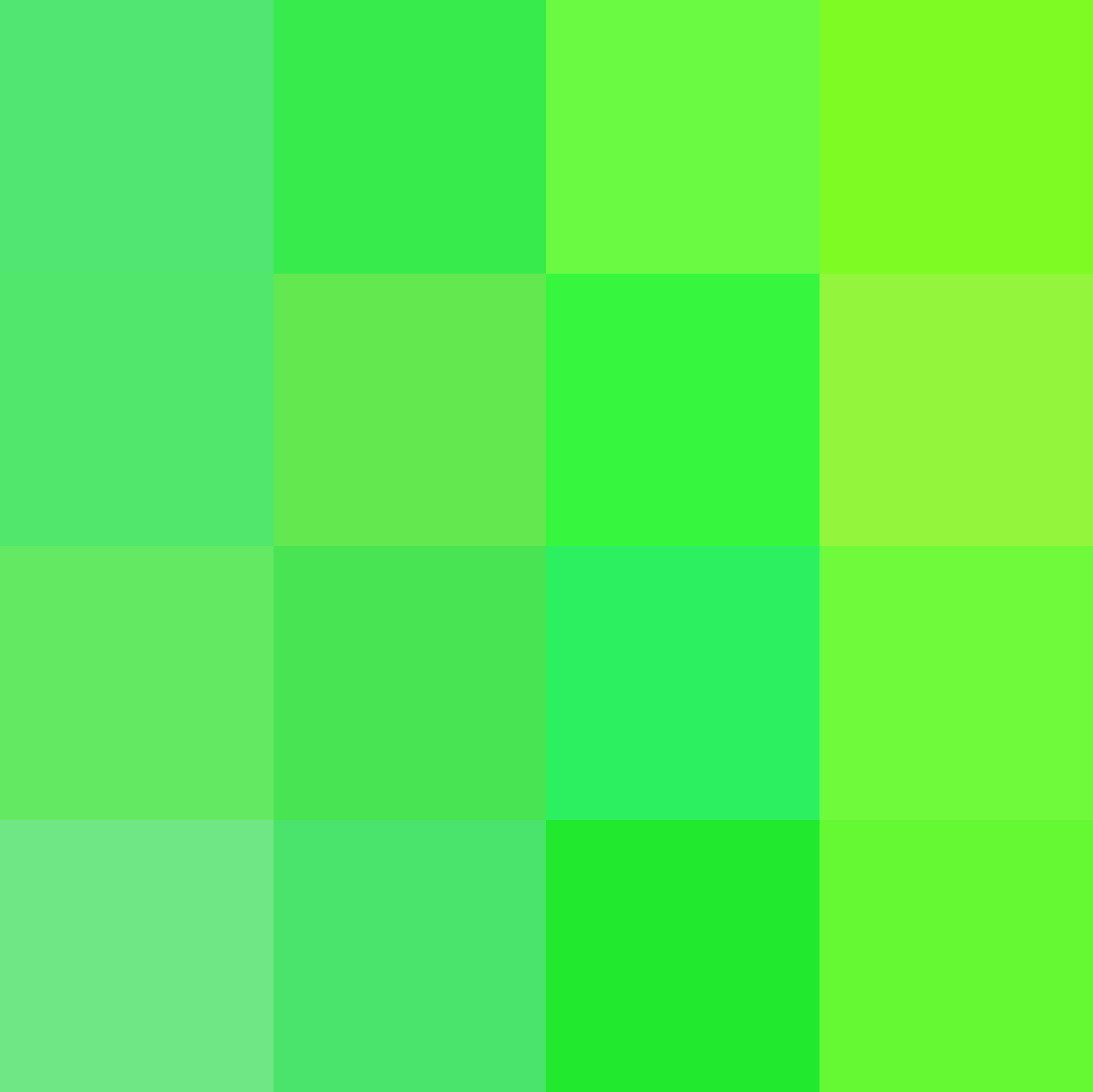
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly rose, but it also has quite some red, and quite some magenta in it.

This gradient, generated in this 6 by 6 pixel grid,
is mostly red, and it also has quite some rose,
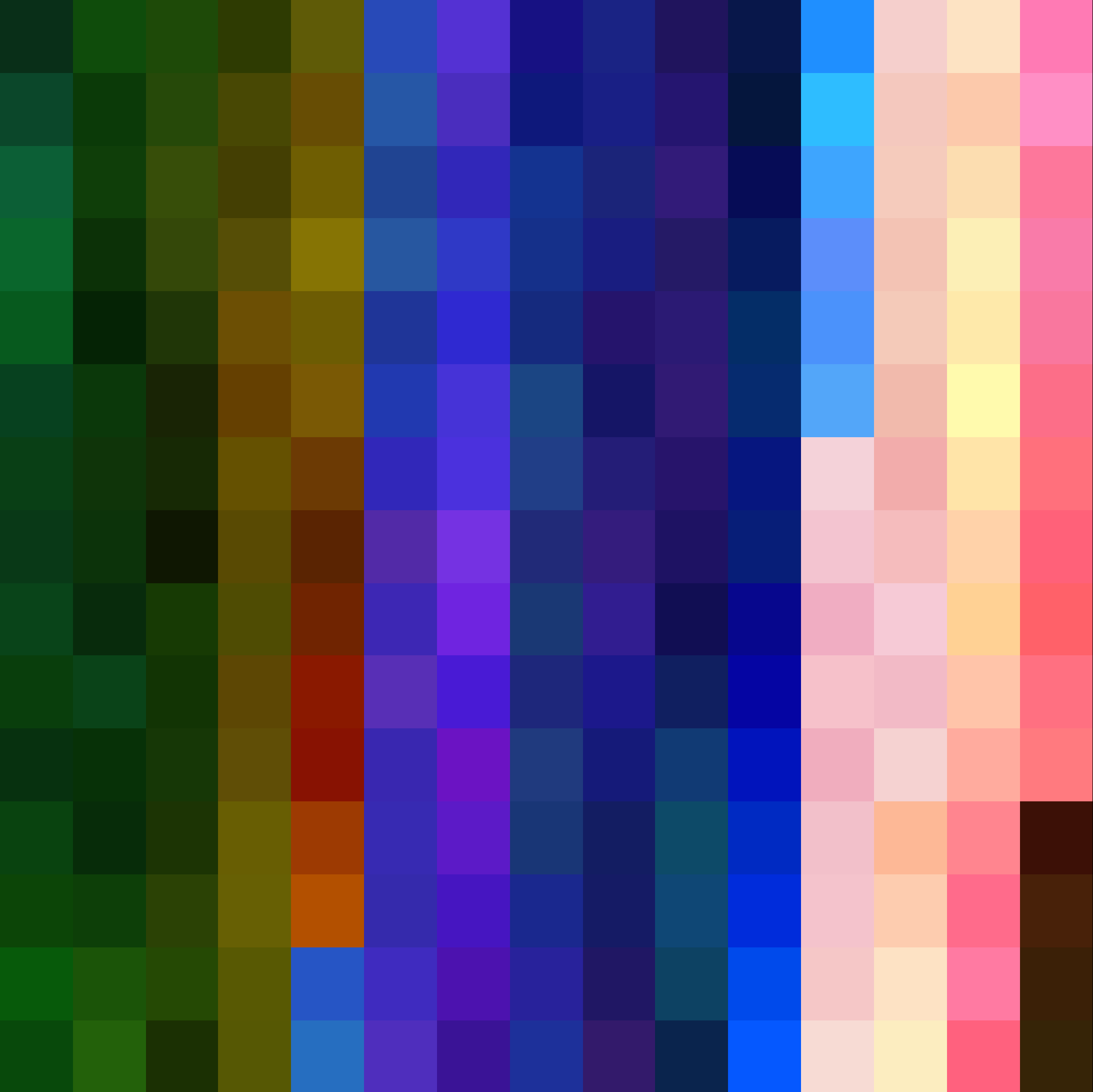and some magenta in it.

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

Here's a 4 by 4 pixelated grid that forms a monochrome gradient. It is green.

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

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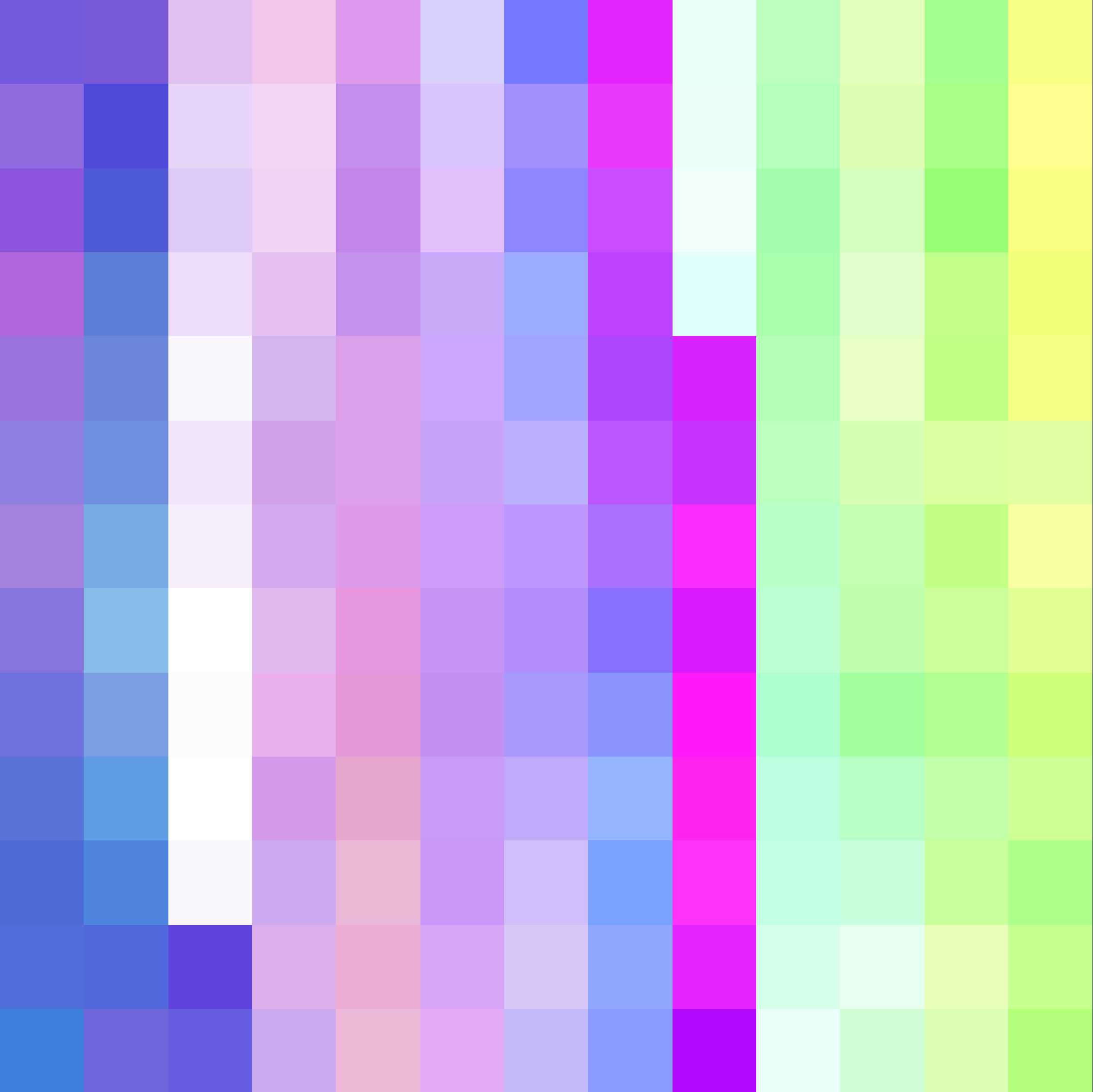
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, but it also has quite some purple, some blue, some violet, some indigo, some magenta, a little bit of yellow, a tiny bit of cyan, and a tiny bit of lime in it.

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has quite some orange, a bit of red, a bit of rose, a bit of cyan, a little bit of magenta, a little bit of yellow, and a tiny bit of lime in it.
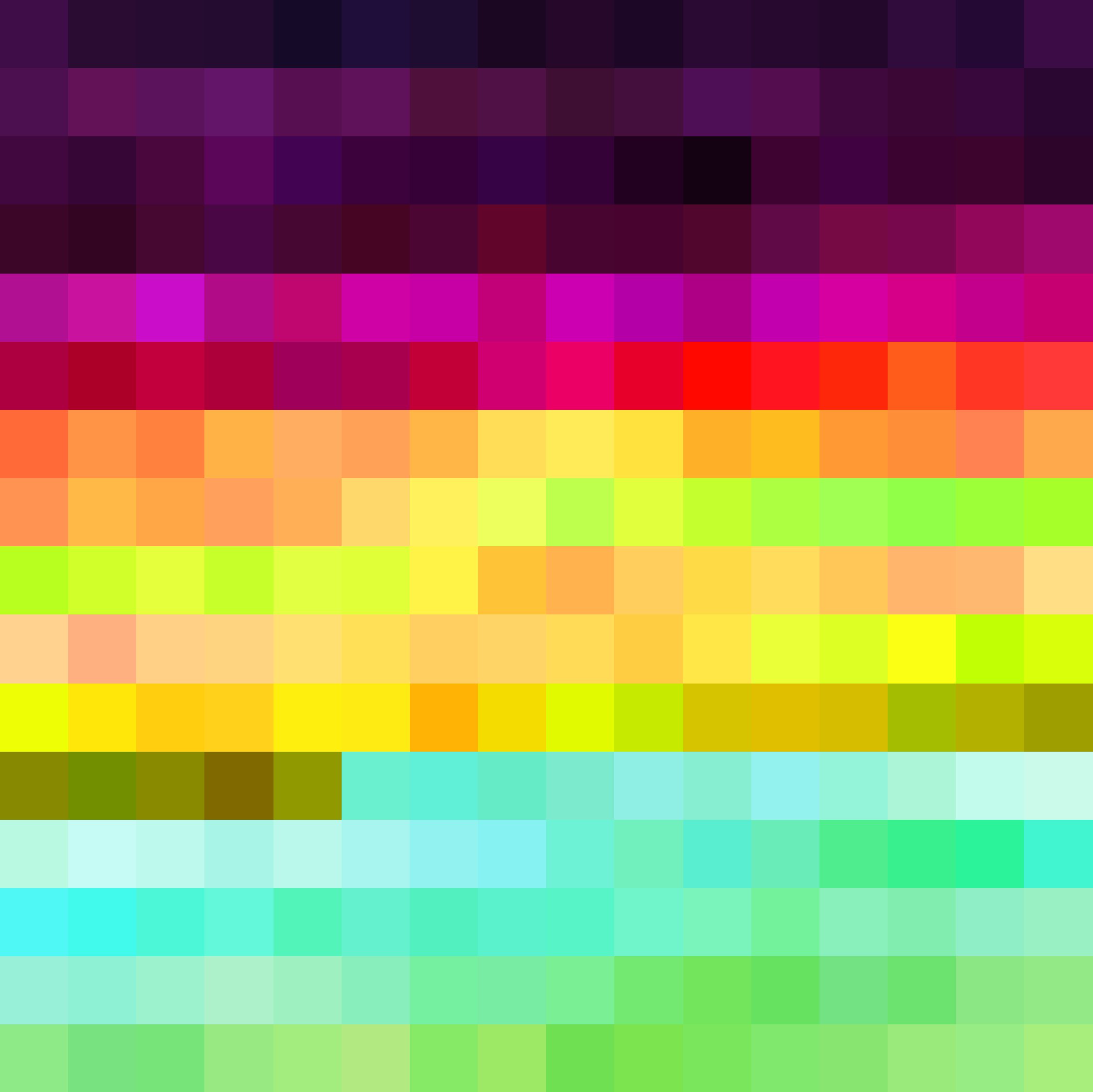
A grid of 36 blocks. It's mostly magenta, and it
also has quite some orange, quite some red, and
some rose in it.
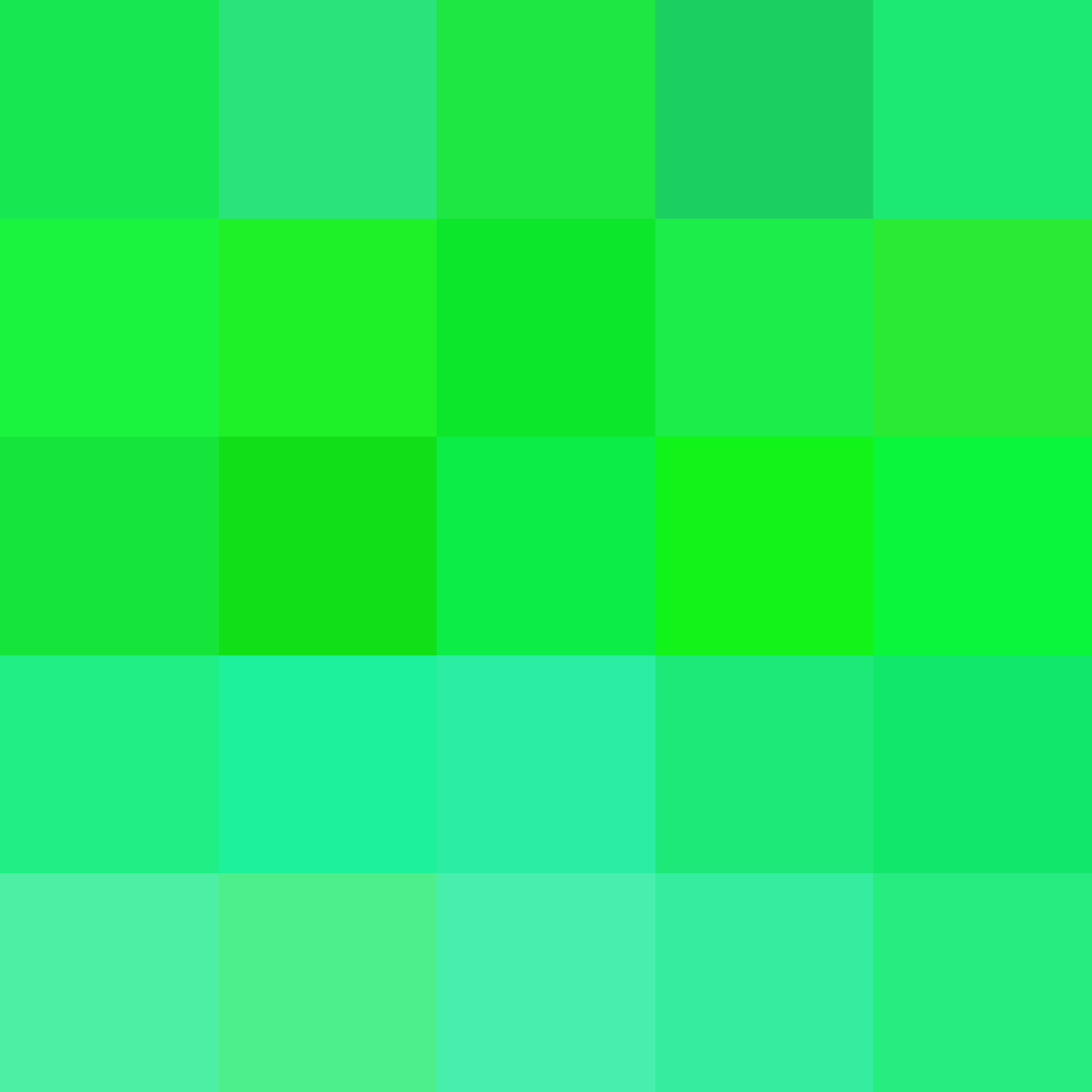
A monochrome grid of 25 blocks. It's green.

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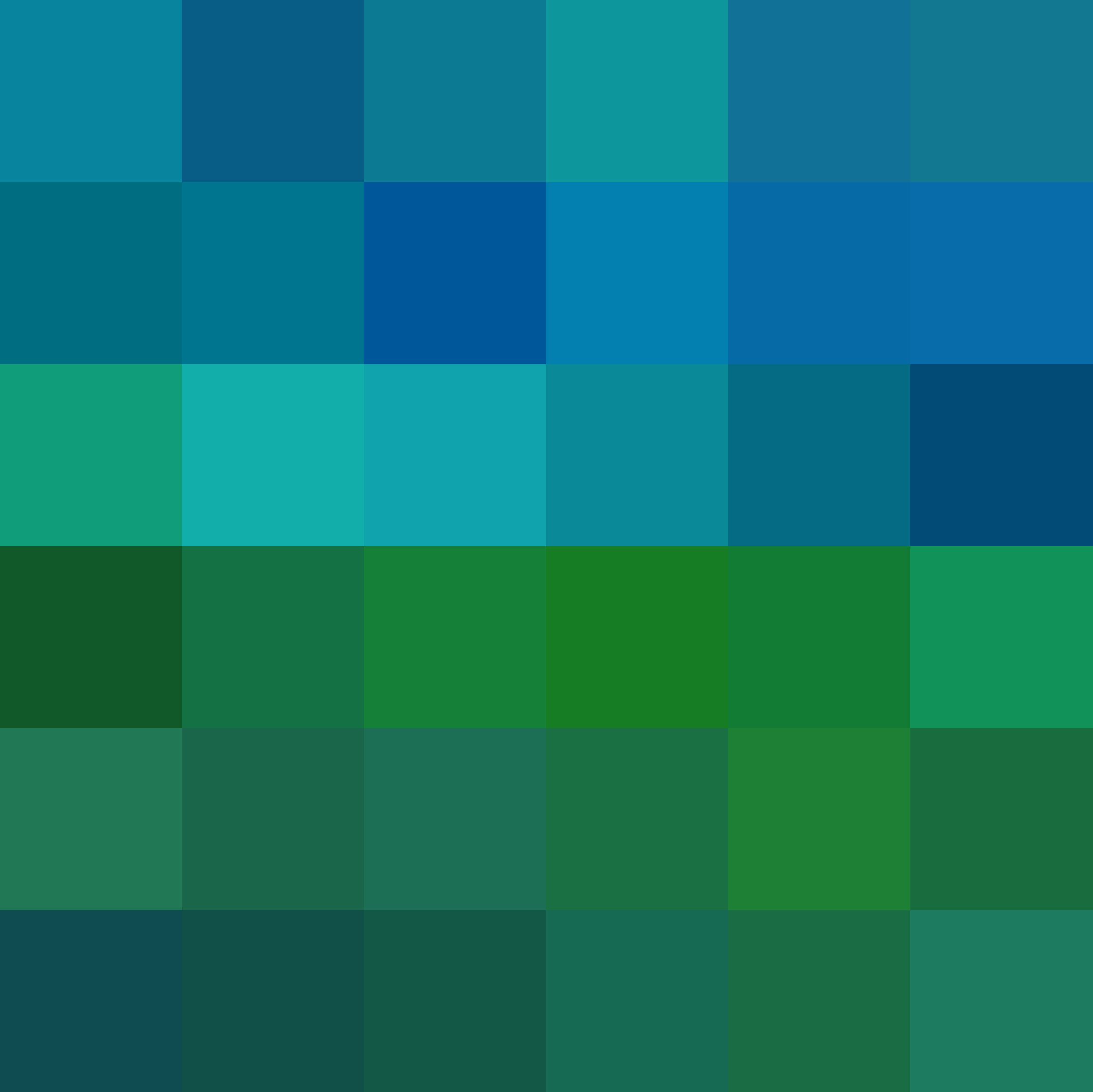
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly magenta, but it also has quite some green, some yellow, some orange, a bit of cyan, a little bit of purple, a little bit of rose, a little bit of red, a tiny bit of lime, and a tiny bit of violet in it.
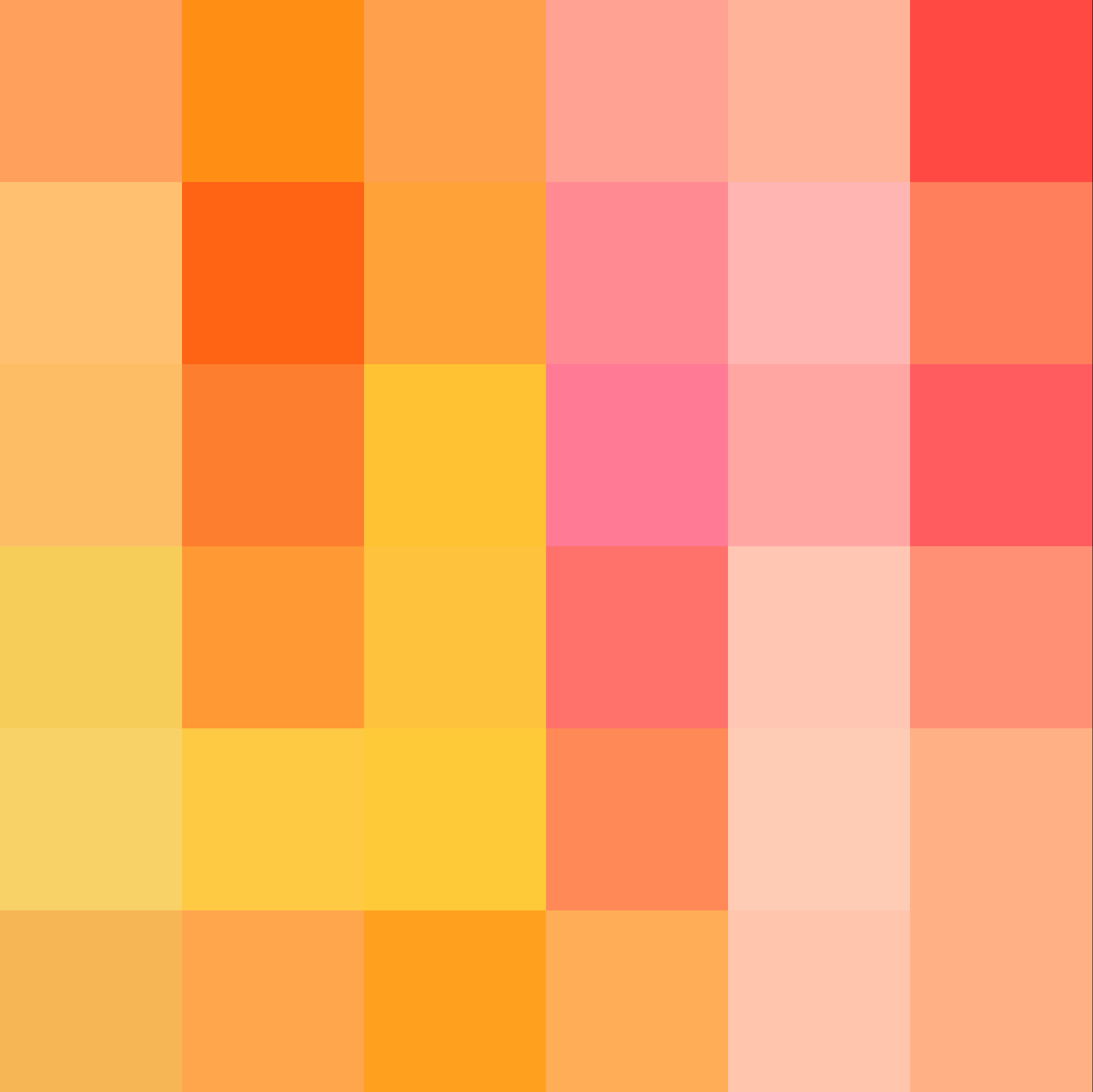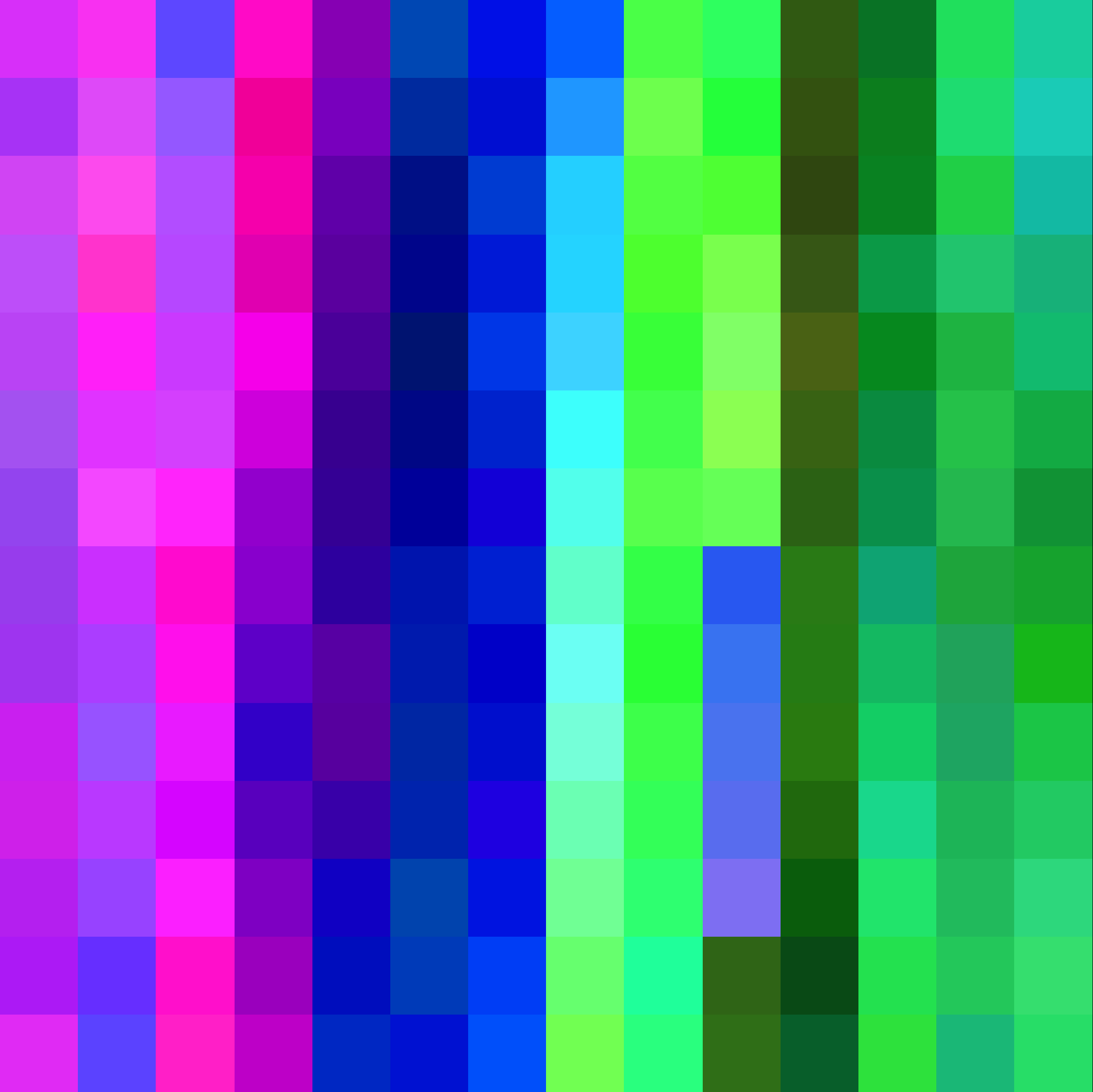
This two tone gradient, generated in this 6 by 6 pixel grid, is mostly orange, and it also has quite some red in it.
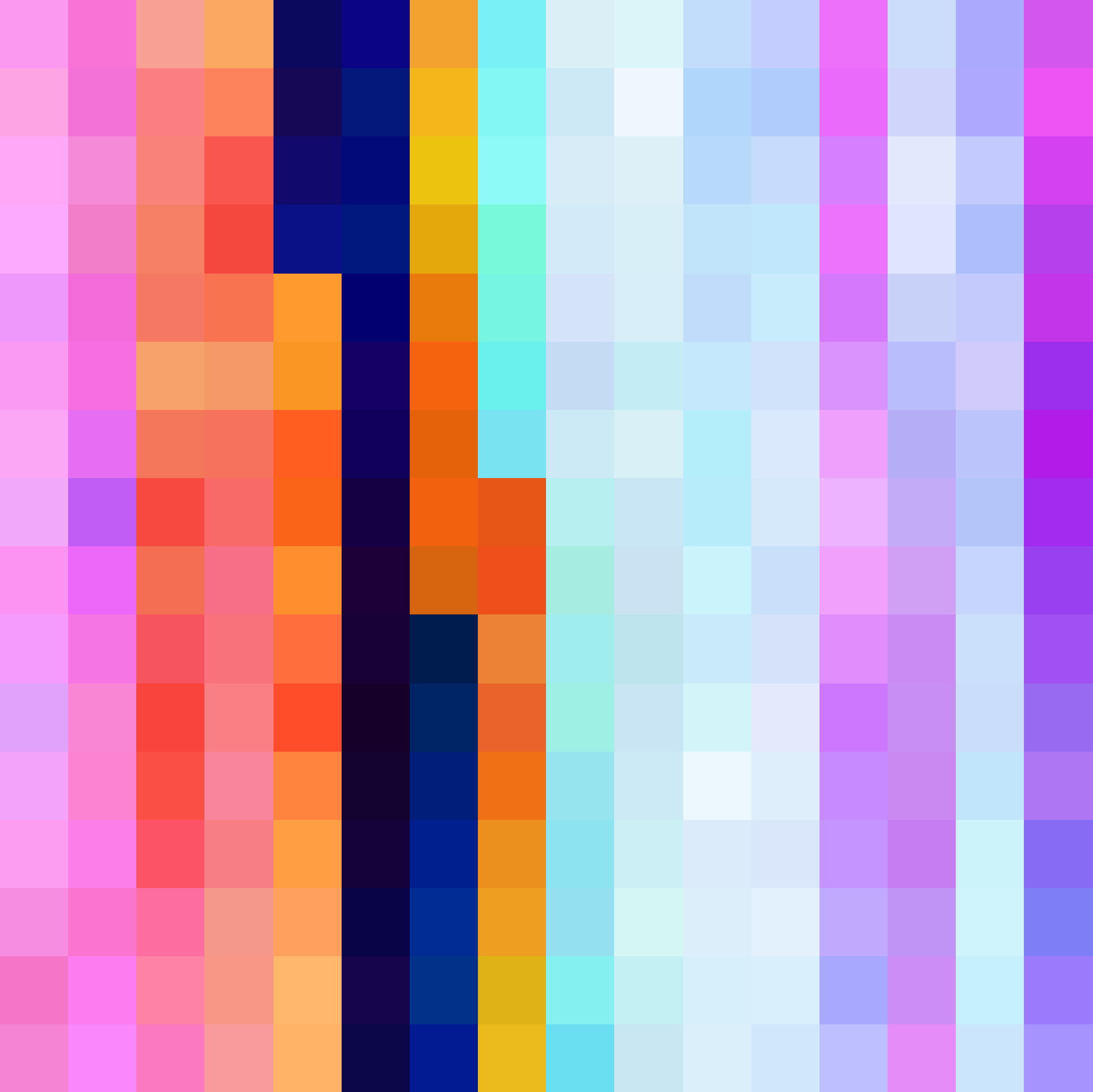
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly cyan, and it also has quite some green, and some blue in it.

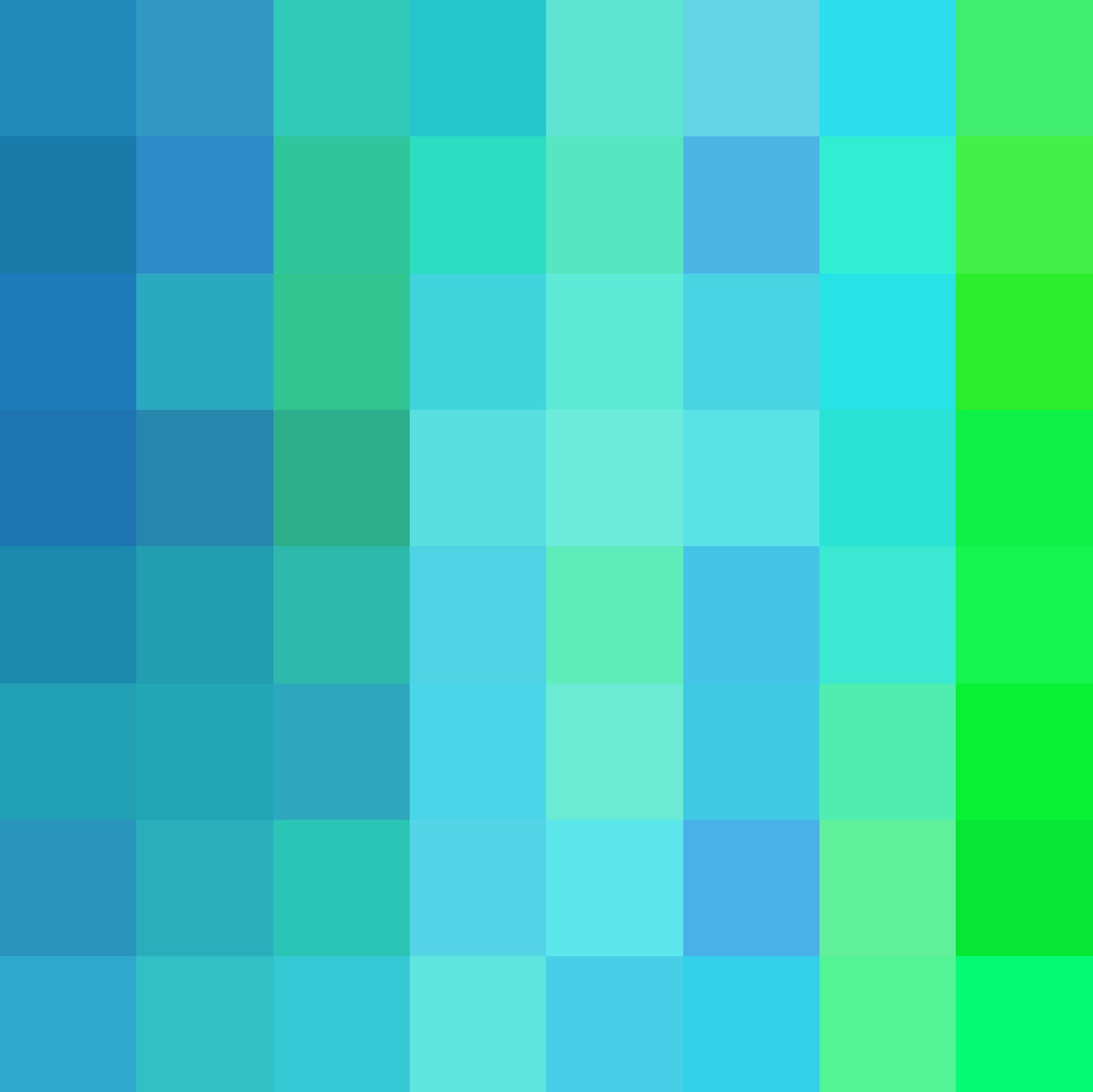A very, very colourful grid of 196 blocks. It's mostly green, and it also has some blue, some purple, some magenta, a little bit of indigo, a little bit of violet, a little bit of cyan, and a tiny bit of lime in it.

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 some lime, a little bit of yellow, a little bit of rose, and a tiny bit of red 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, and it also has some magenta, some red, some cyan, some orange, a bit of purple, a bit of indigo, a little bit of violet, a tiny bit of rose, and a tiny bit of yellow in it.

A grid of 64 blocks. It's mostly cyan, and it also has quite some green, and some blue in it.
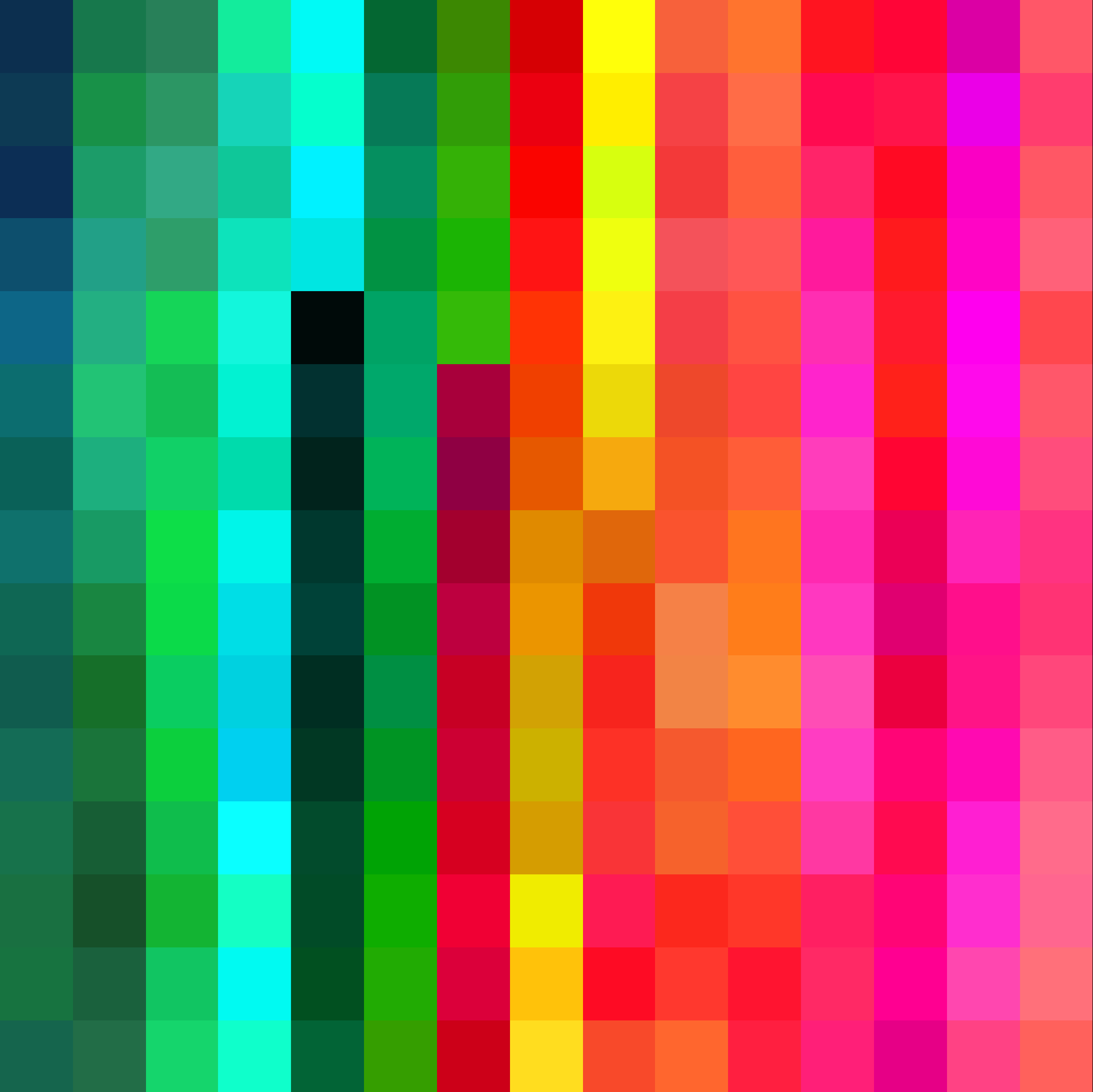
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, but it also has quite some red, some cyan, some rose, a bit of magenta, a bit of orange, a little bit of yellow, and a tiny bit of blue in it.

A very colourful grid of 100 blocks. It's mostly red, but it also has some magenta, some indigo, a bit of purple, a little bit of violet, a little bit of rose, and a little bit of blue in it.
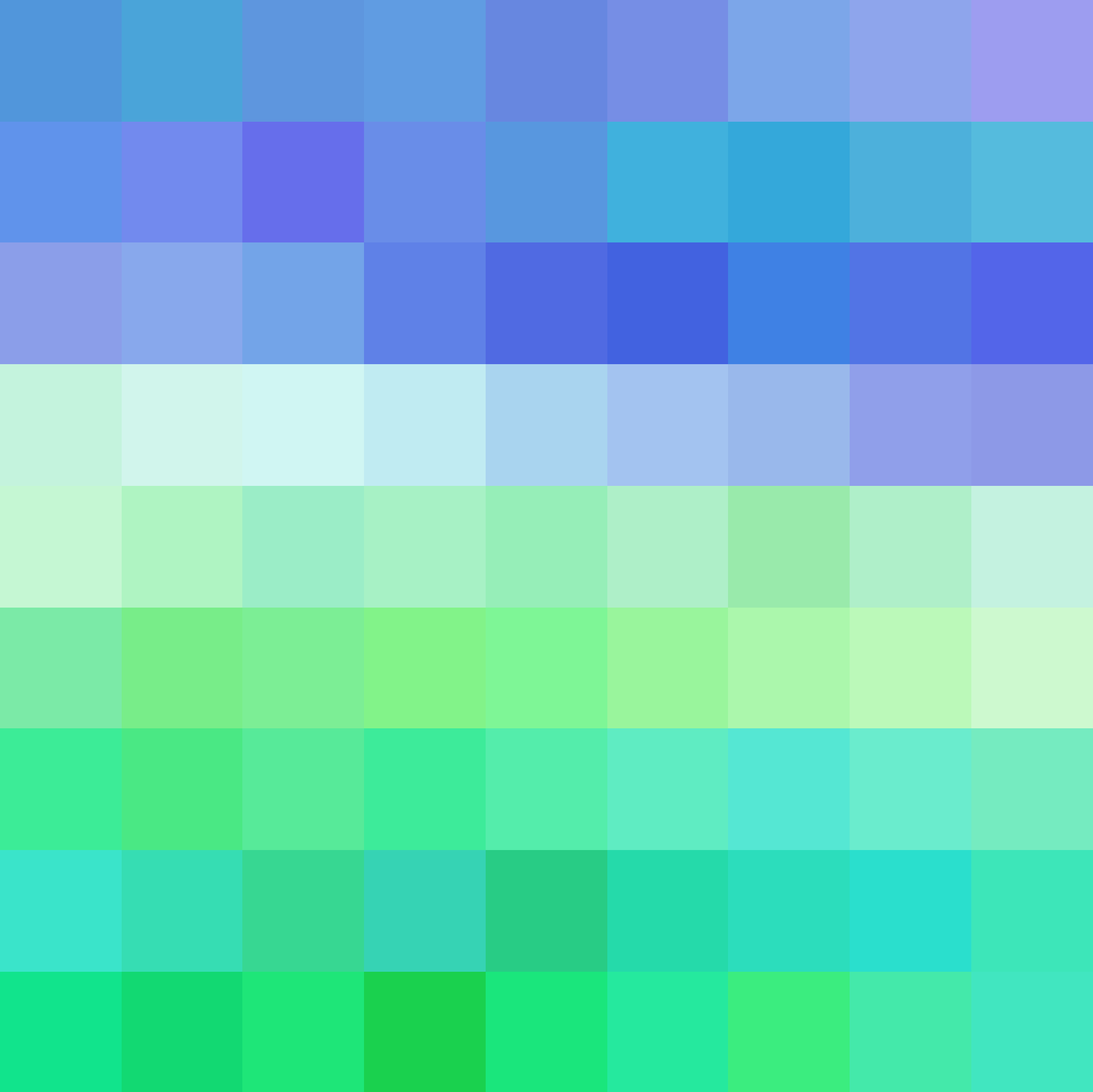
A very colourful grid of 81 blocks. It's mostly yellow, but it also has quite some red, quite some orange, a bit of green, a little bit of rose, and a little bit of lime in it.

There's a colourful pixel gradient in this 5 by 5 grid. It is mostly purple, and it also has quite some violet, quite some magenta, some indigo, and a little bit of rose in it.

A grid with 81 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some blue, and some cyan in it.

Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some blue, and some green in it.
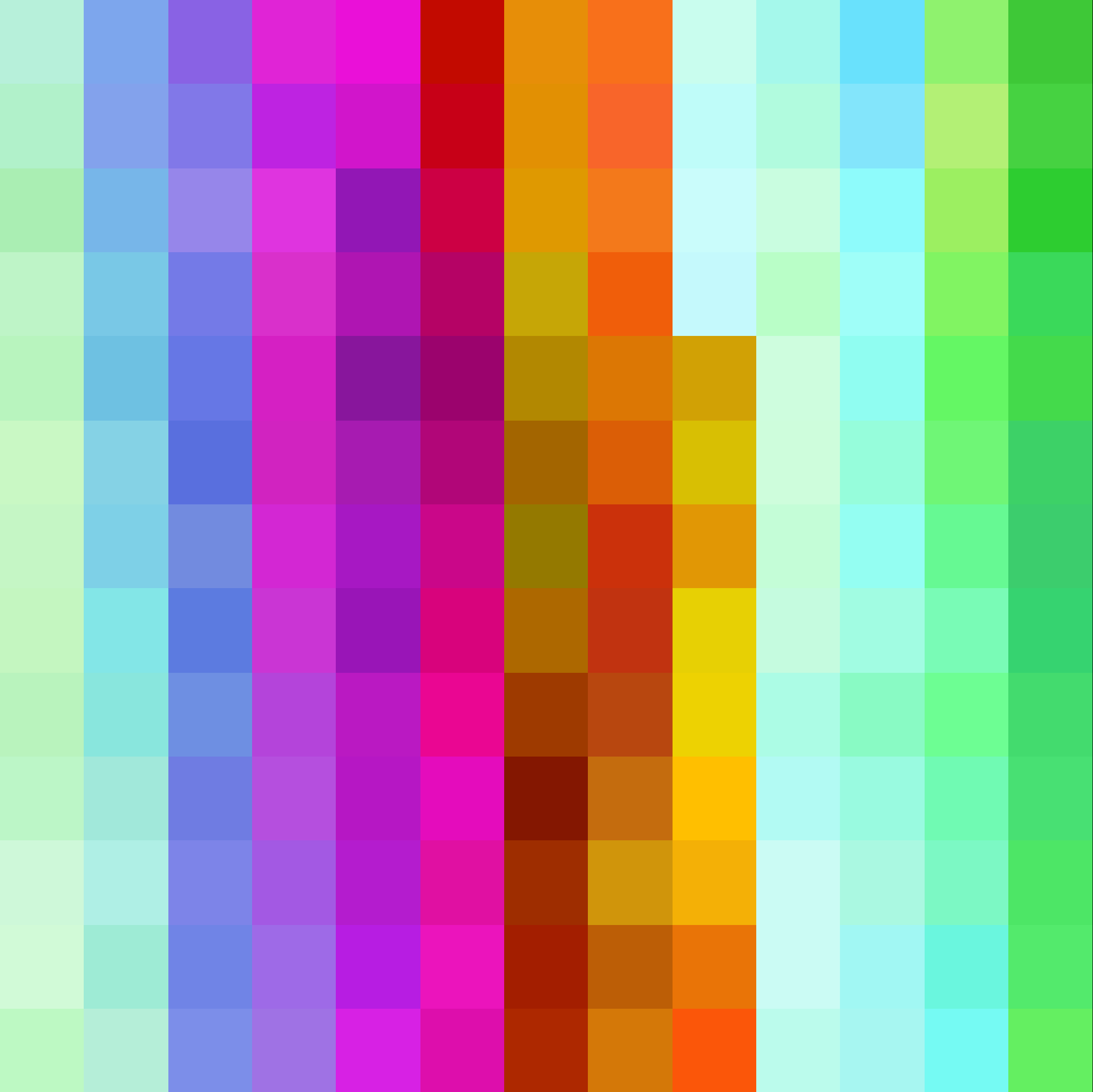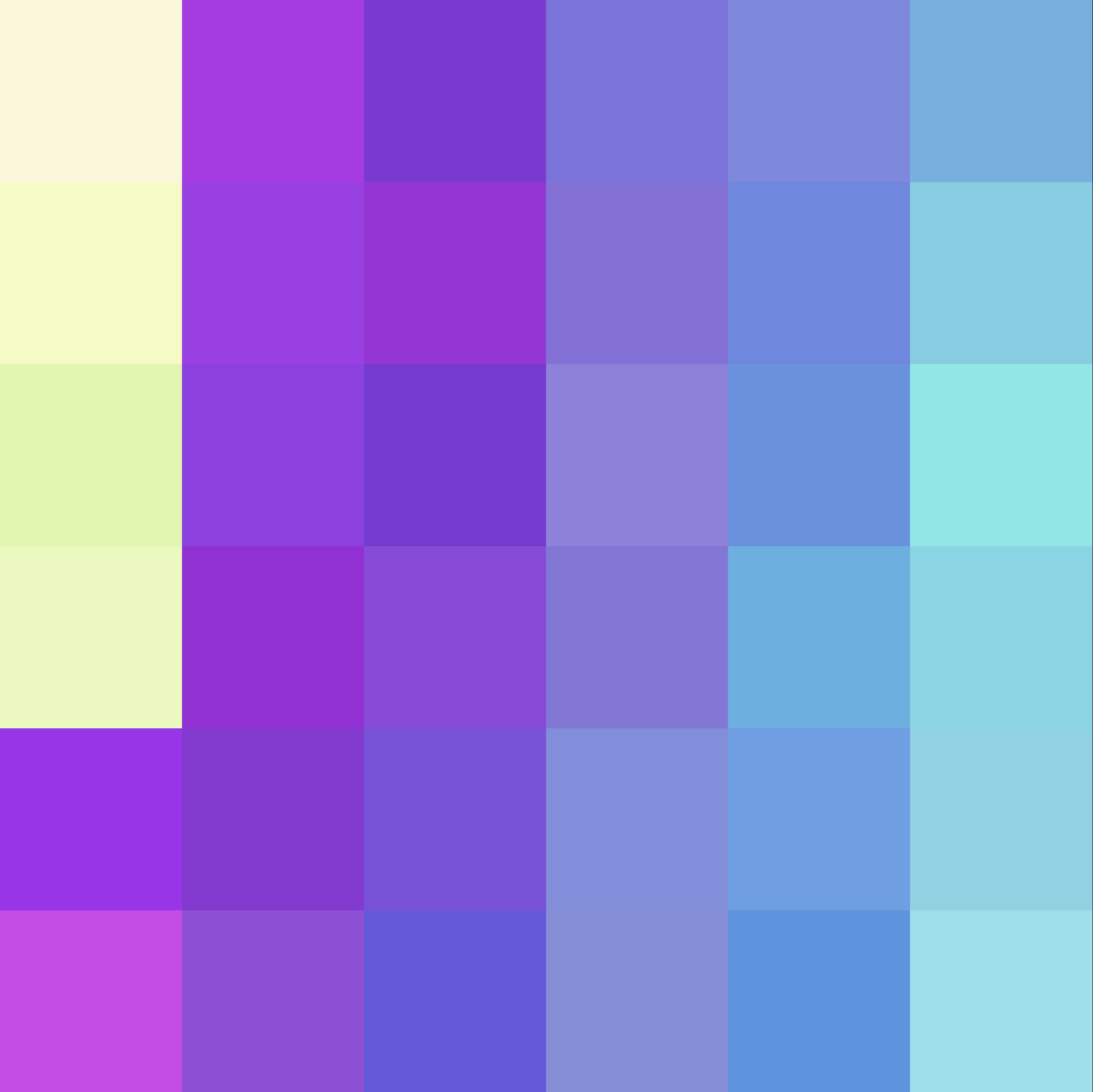
The cells in this 13 by 13 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some cyan, some magenta, some orange, a bit of blue, a little bit of purple, a little bit of red, a little bit of yellow, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of rose in it.

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly yellow, and it also has quite some magenta, some orange, some rose, a little bit of green, a little bit of lime, and a tiny bit of red in it.
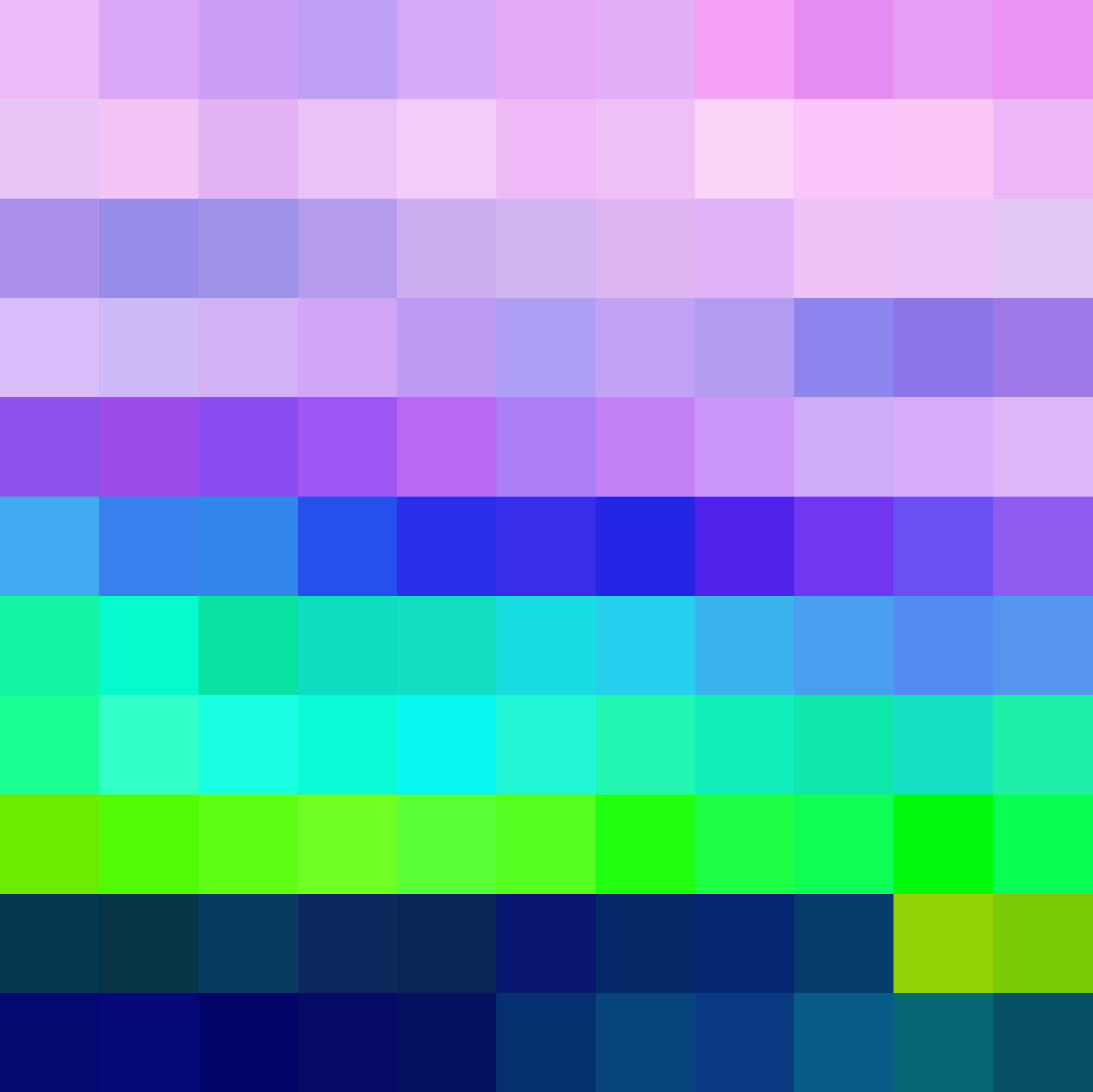
A grid with 121 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some purple, some green, some indigo, some cyan, some violet, a bit of magenta, and a tiny bit of lime in it.
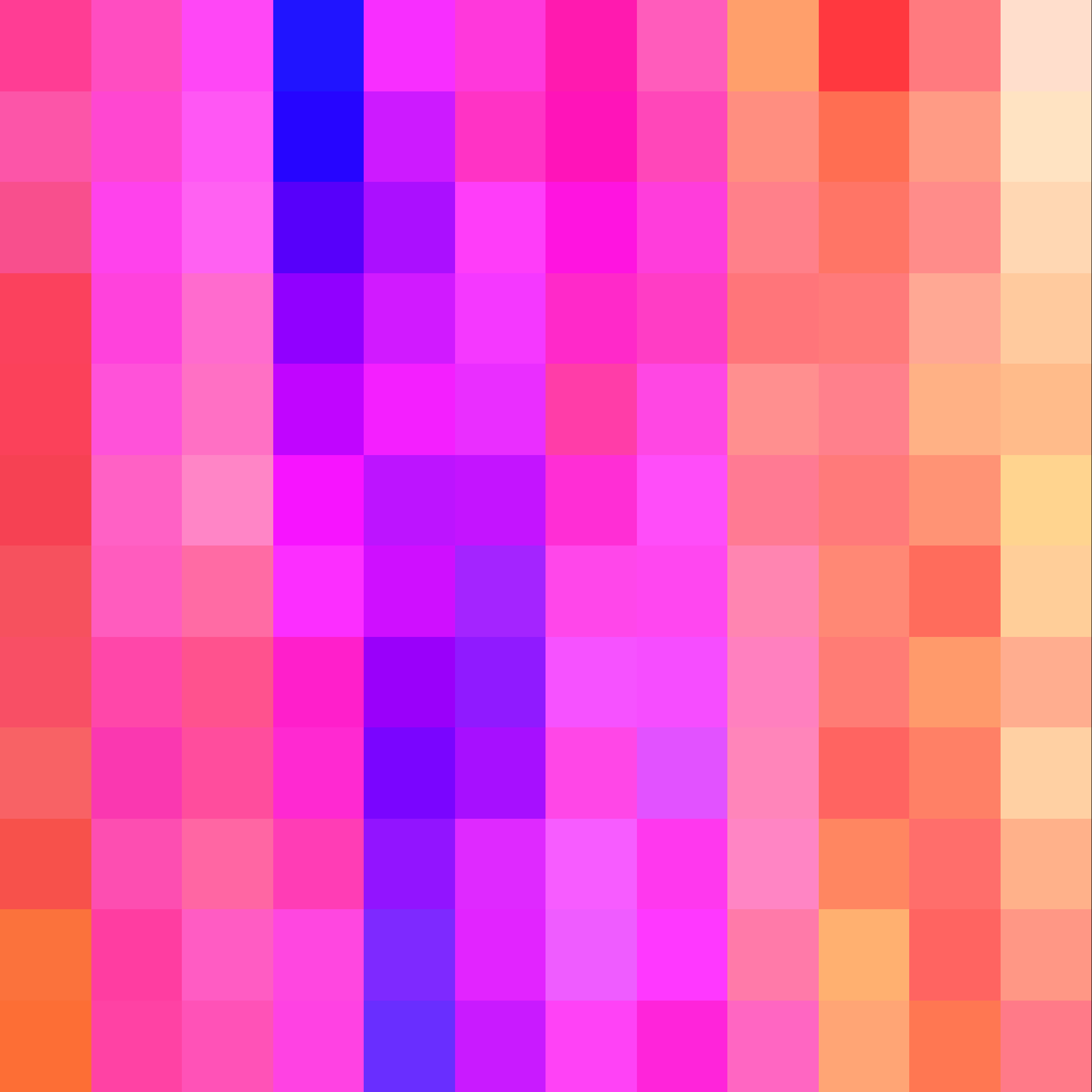
There's a very colourful pixel gradient in this 6 by 6 grid. It is mostly blue, and it also has some purple, some violet, some indigo, some cyan, a little bit of yellow, and a little bit of lime in it.
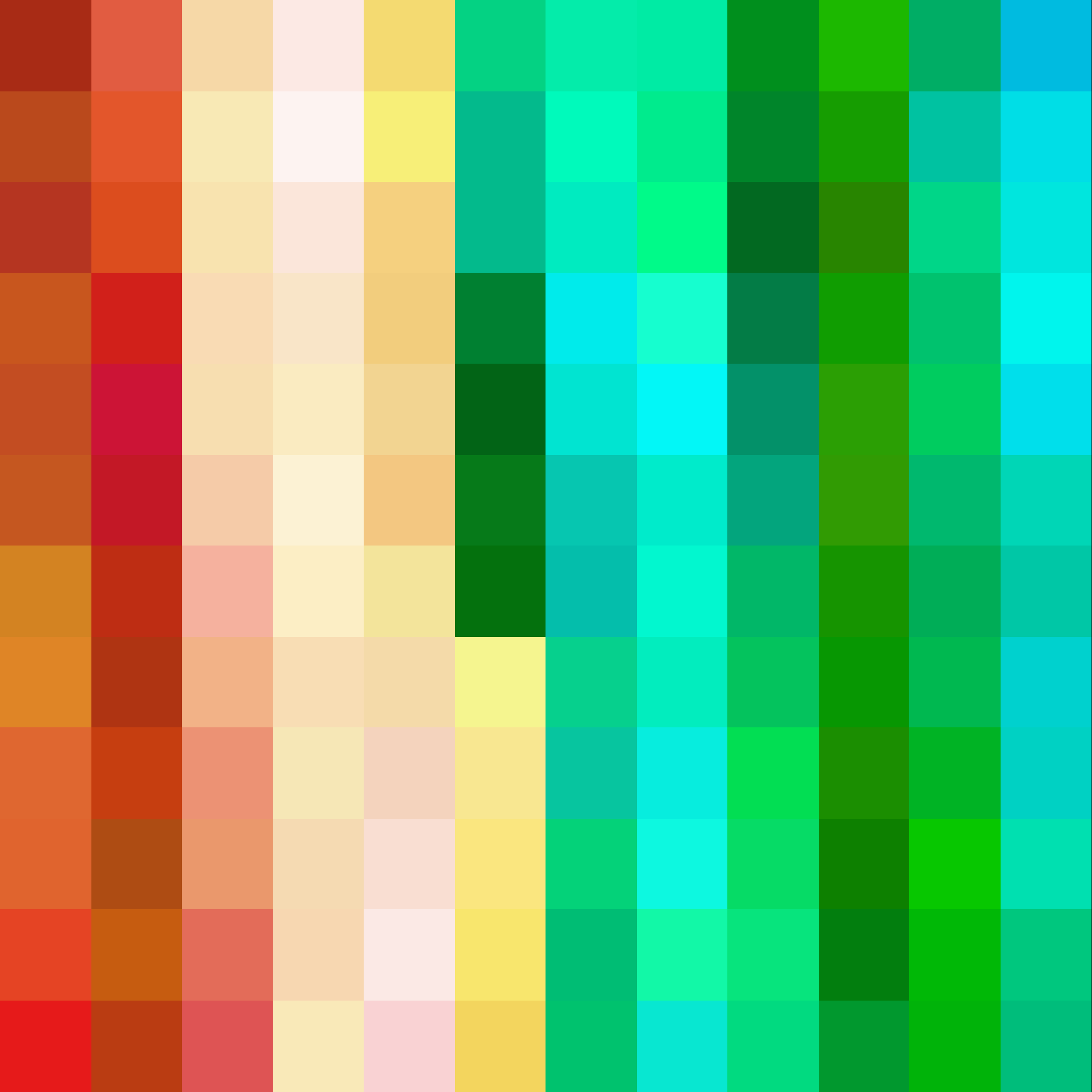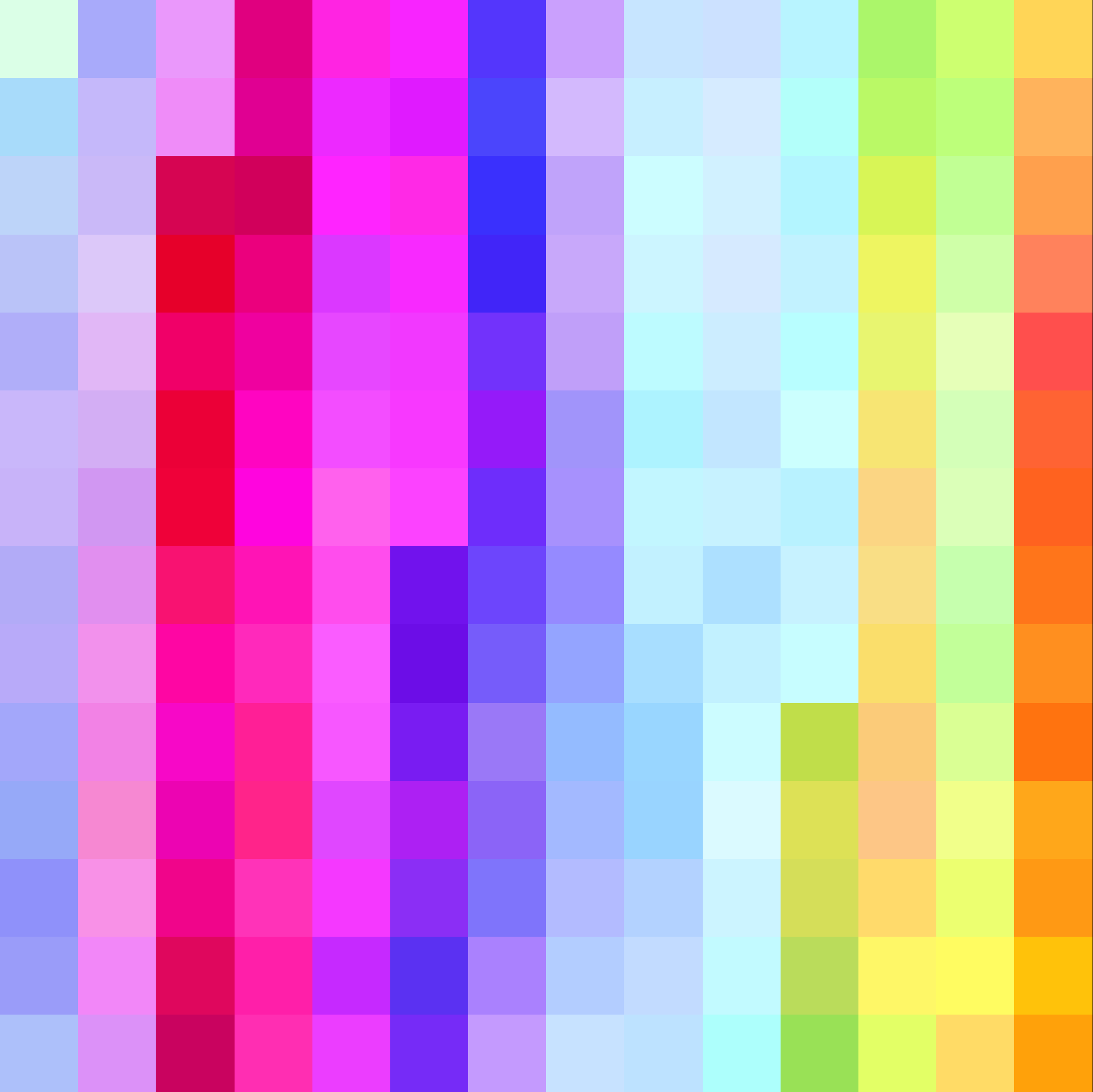
The cells in this 5 by 5 pixel grid form a gradient. It is mostly green, and it also has quite some cyan, and a bit of blue in it.
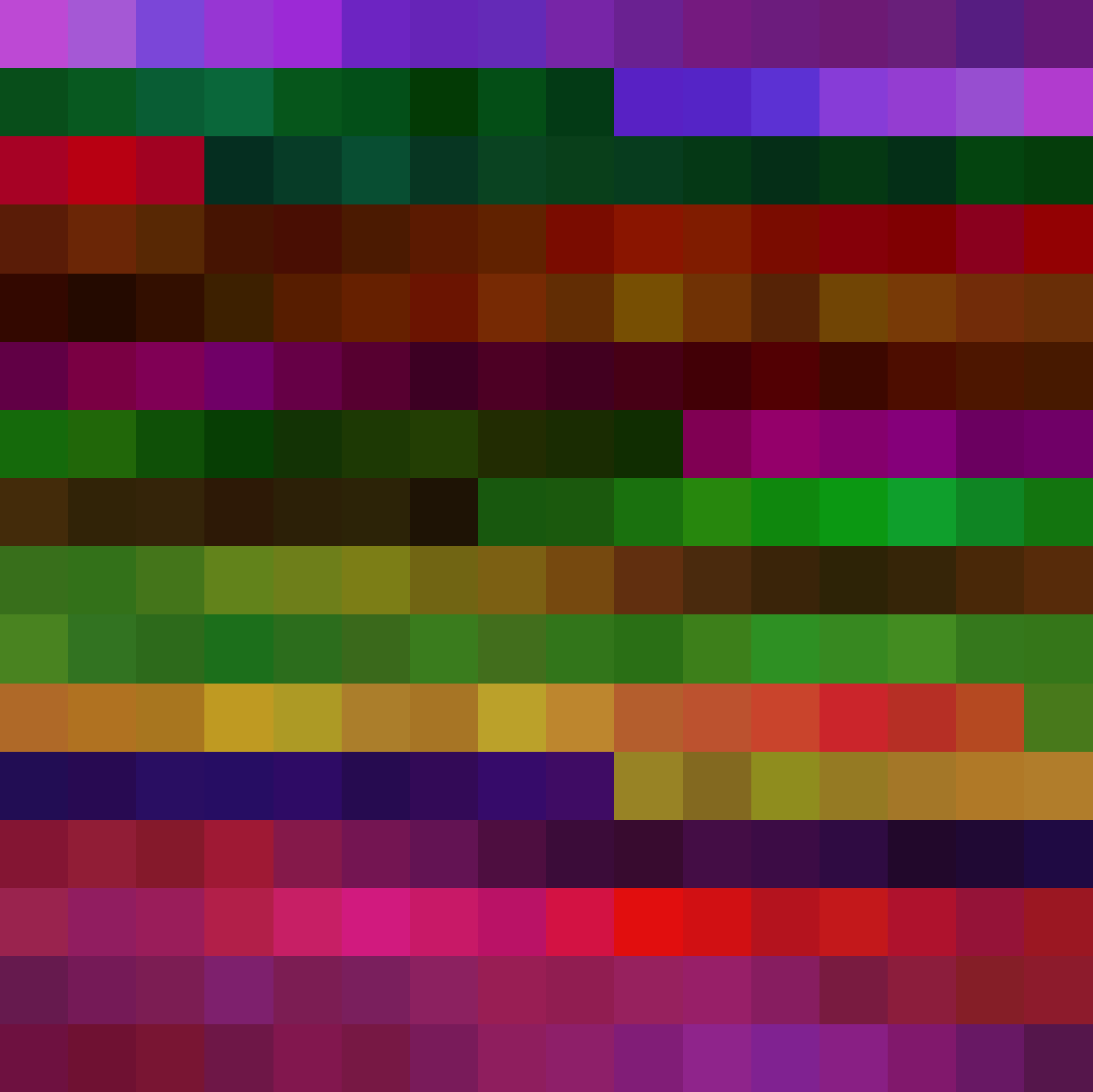
A 12 by 12 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, but it also has some orange in it.

A colourful grid of 144 blocks. It's mostly green, and it also has quite some orange, quite some cyan, some red, and a bit of yellow in it.

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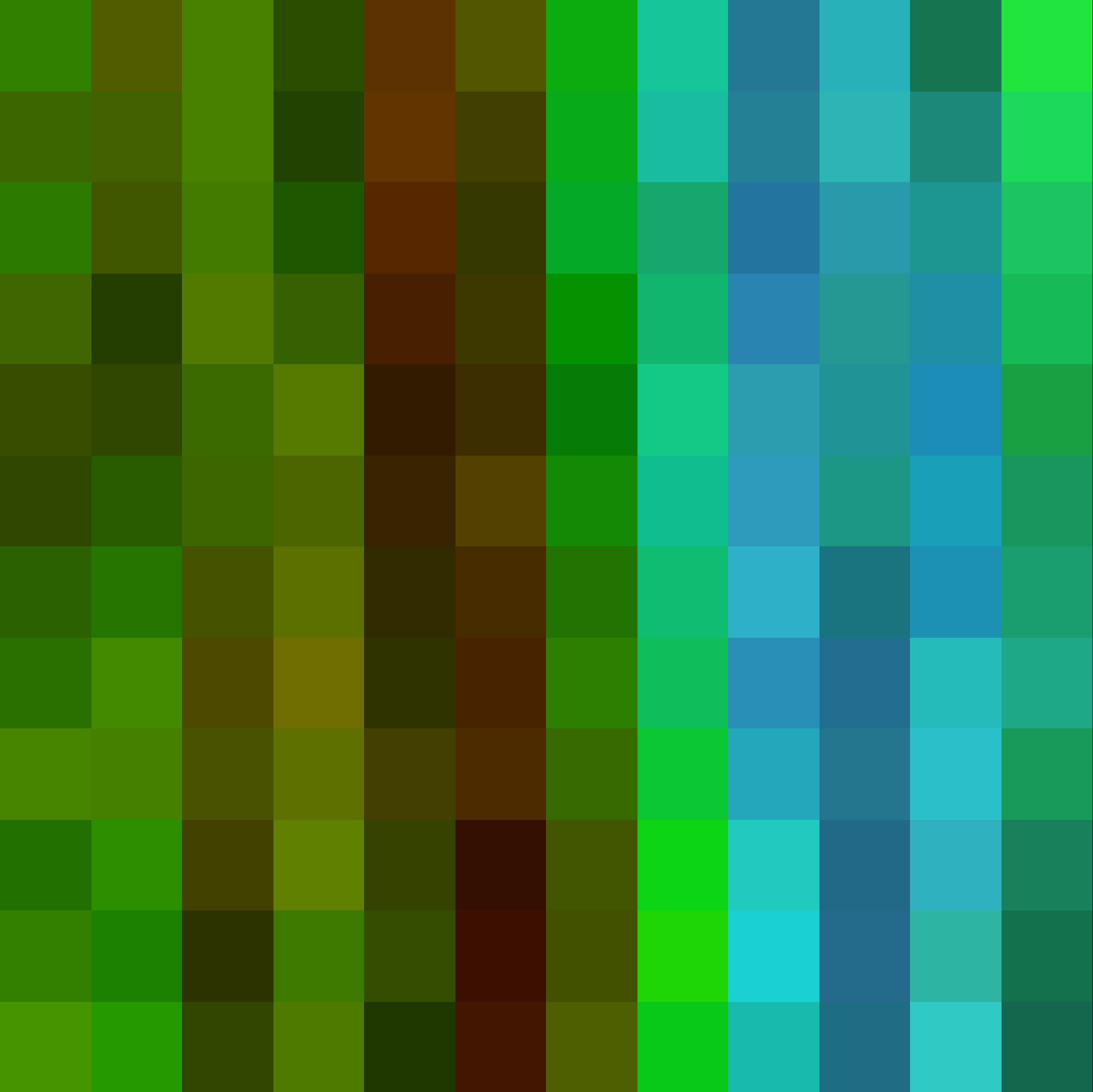
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly green, but it also has quite some orange, some magenta, some red, a bit of rose, a bit of purple, a little bit of violet, a little bit of yellow, a tiny bit of indigo, and a tiny bit of lime in it.

There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly green, and it also has some indigo, some purple, some violet, a bit of magenta, a bit of blue, a bit of red, a tiny bit of rose, and a tiny bit of orange in it.
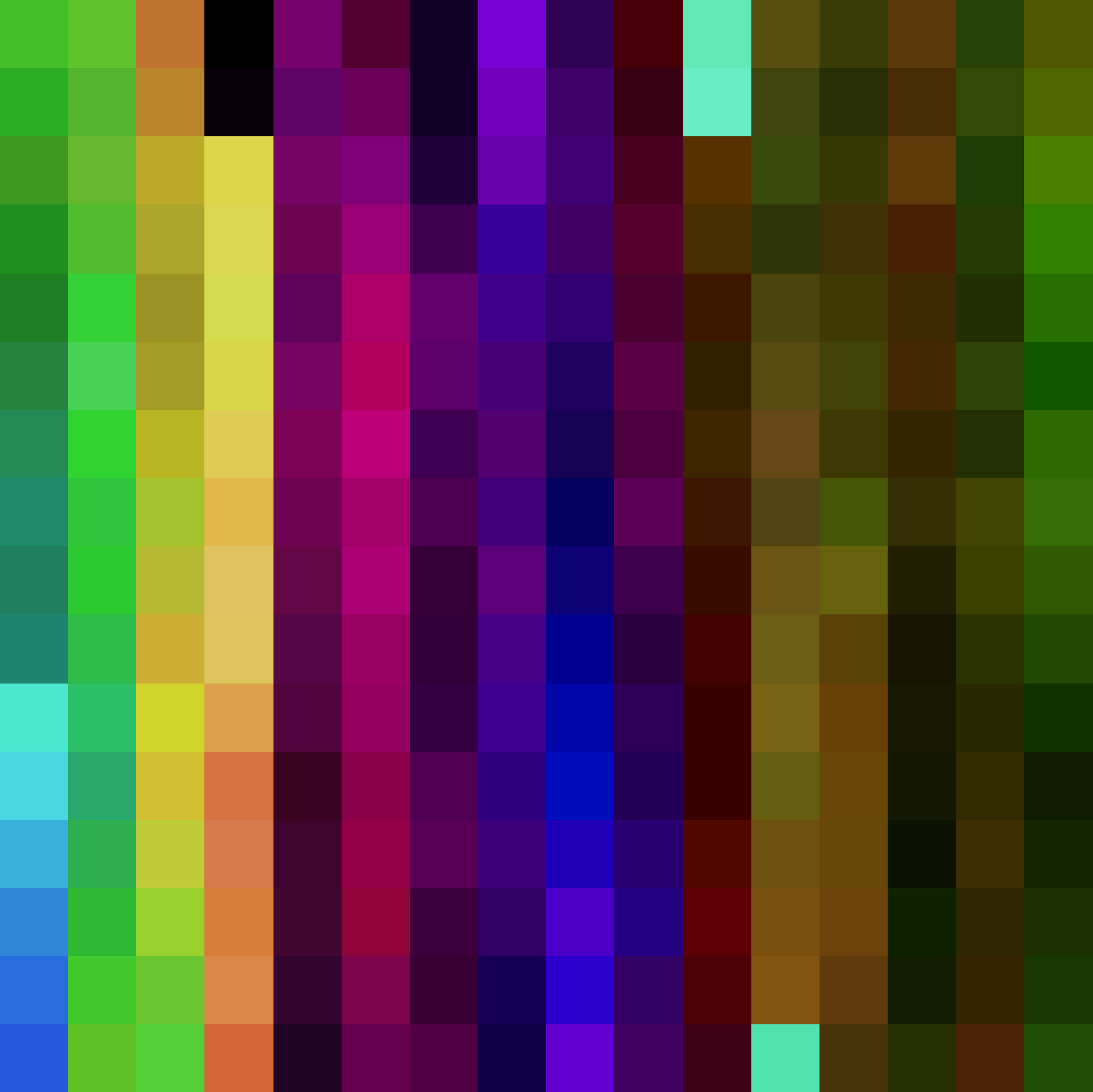
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly green, and it also has some lime, a bit of yellow, and a bit of cyan in it.
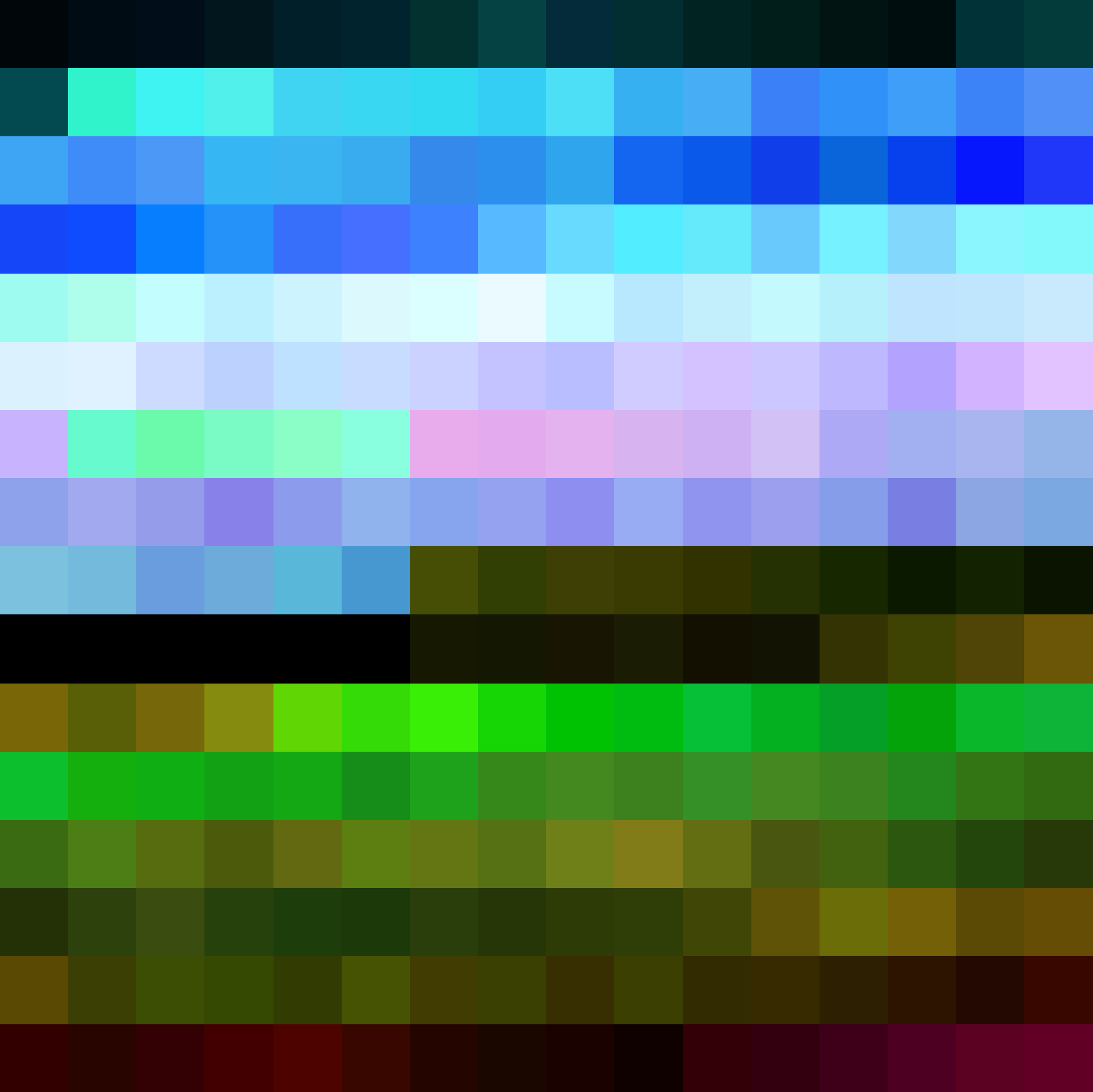
A very colourful grid of 144 blocks. It's mostly green, and it also has some cyan, some yellow, a bit of lime, a bit of orange, a bit of blue, and a tiny bit of red in it.

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

Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly blue, but it also has quite some green, some yellow, some cyan, a bit of lime, a bit of red, a little bit of indigo, a tiny bit of purple, a tiny bit of orange, a tiny bit of violet, and a tiny bit of magenta in it.
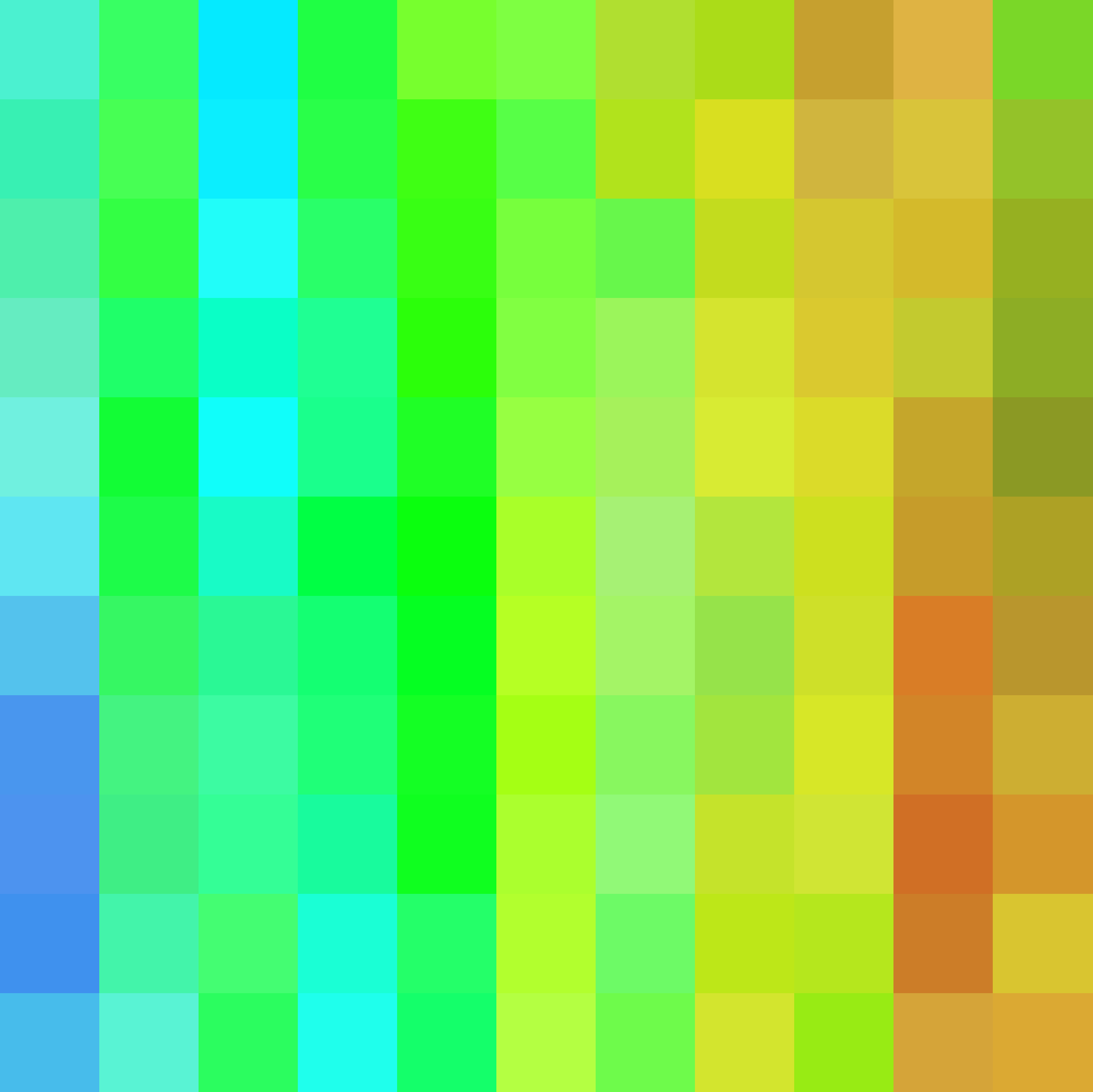
A grid with 256 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has some magenta, some orange, a bit of blue, a bit of yellow, a bit of purple, a little bit of rose, a little bit of green, a little bit of cyan, a tiny bit of indigo, a tiny bit of lime, and a tiny bit of violet in it.
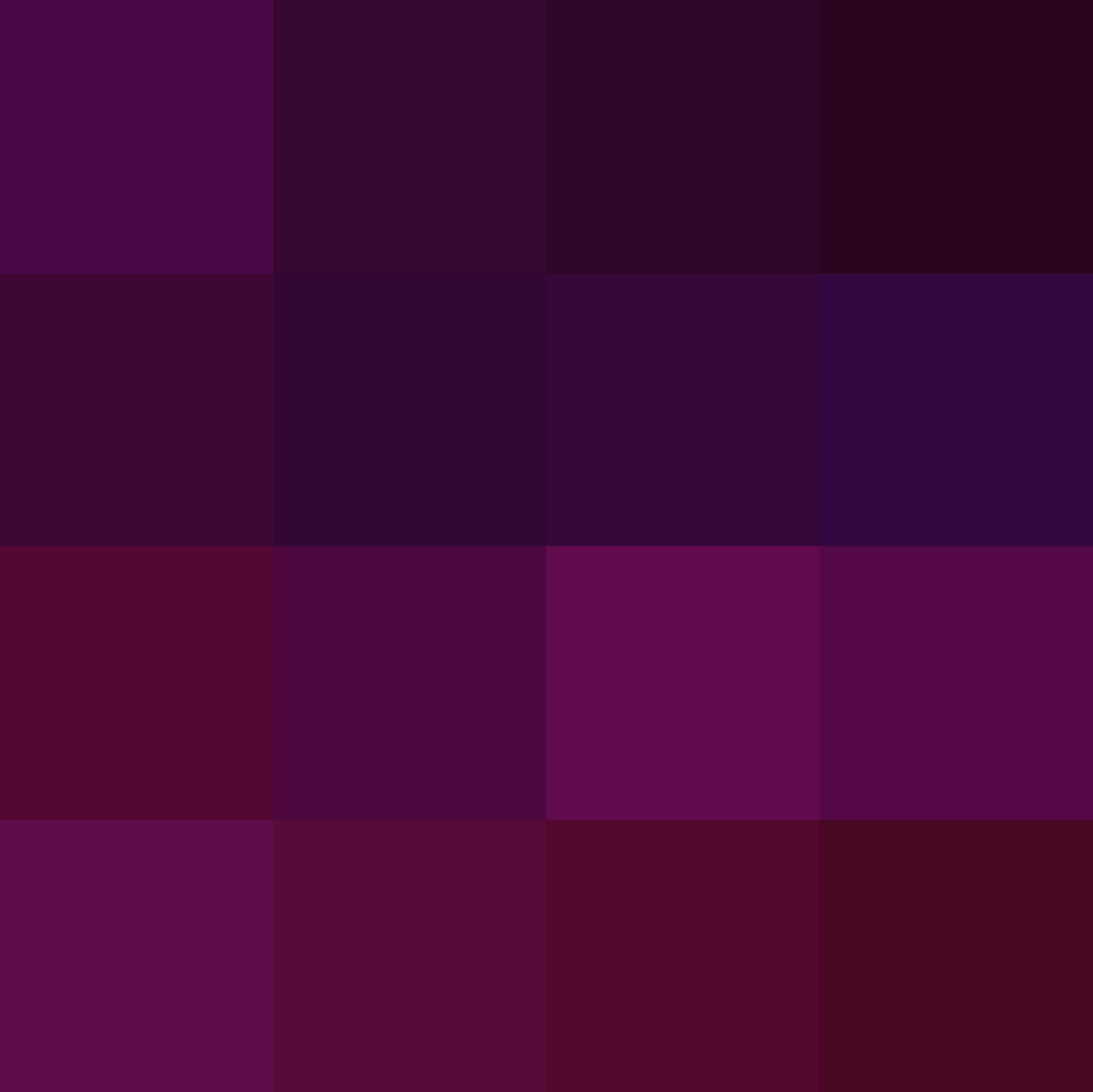
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly magenta, but it also has some rose, and a little bit of purple in it.
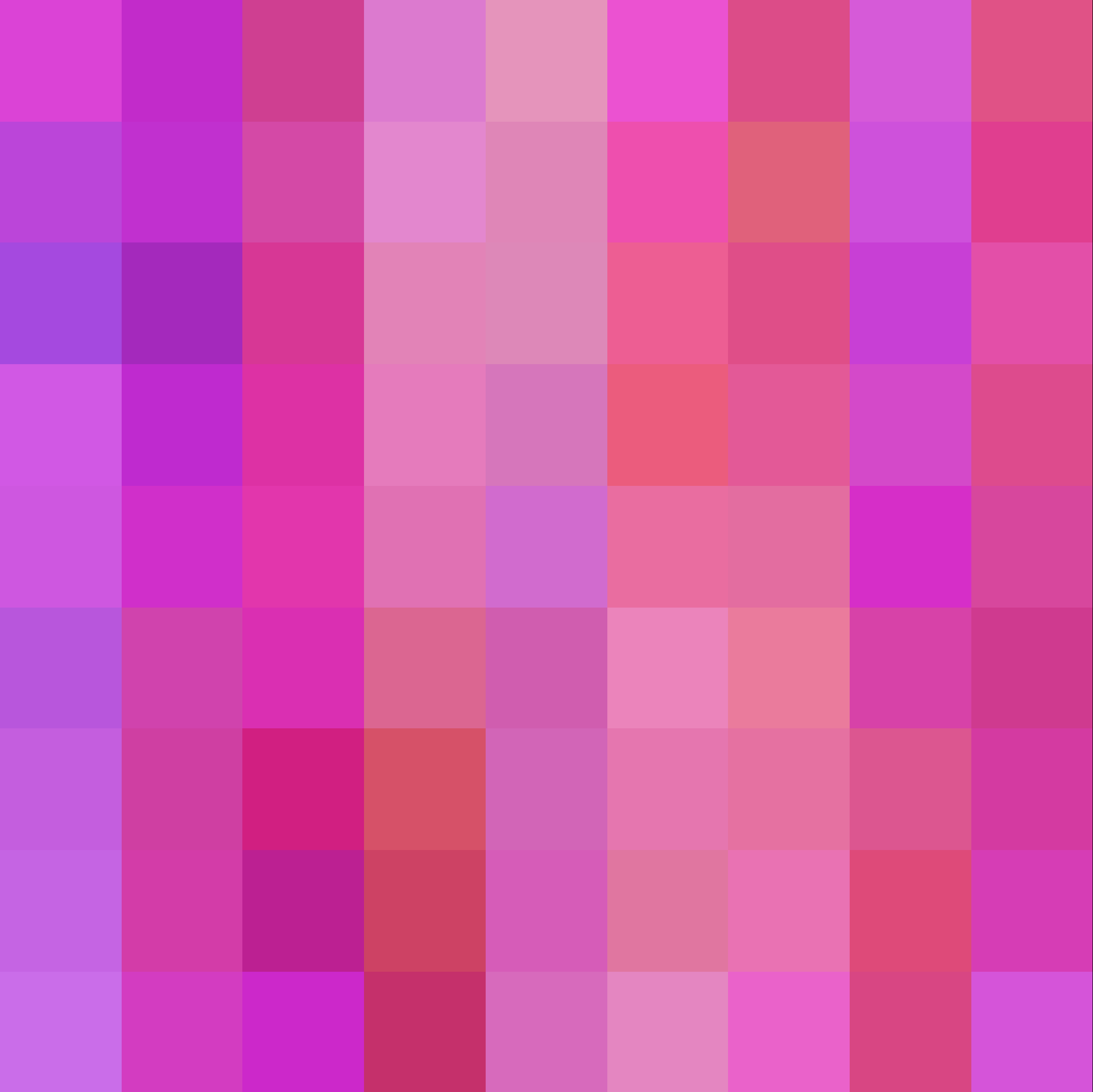
This pixel gradient—it is 9 cells wide, 9 cells high—is mostly magenta, but it also has quite some rose, a bit of purple, and a little bit of red in it.

An 11 by 11 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has some yellow, a bit of cyan, a bit of orange, a bit of lime, and a little bit of blue in it.
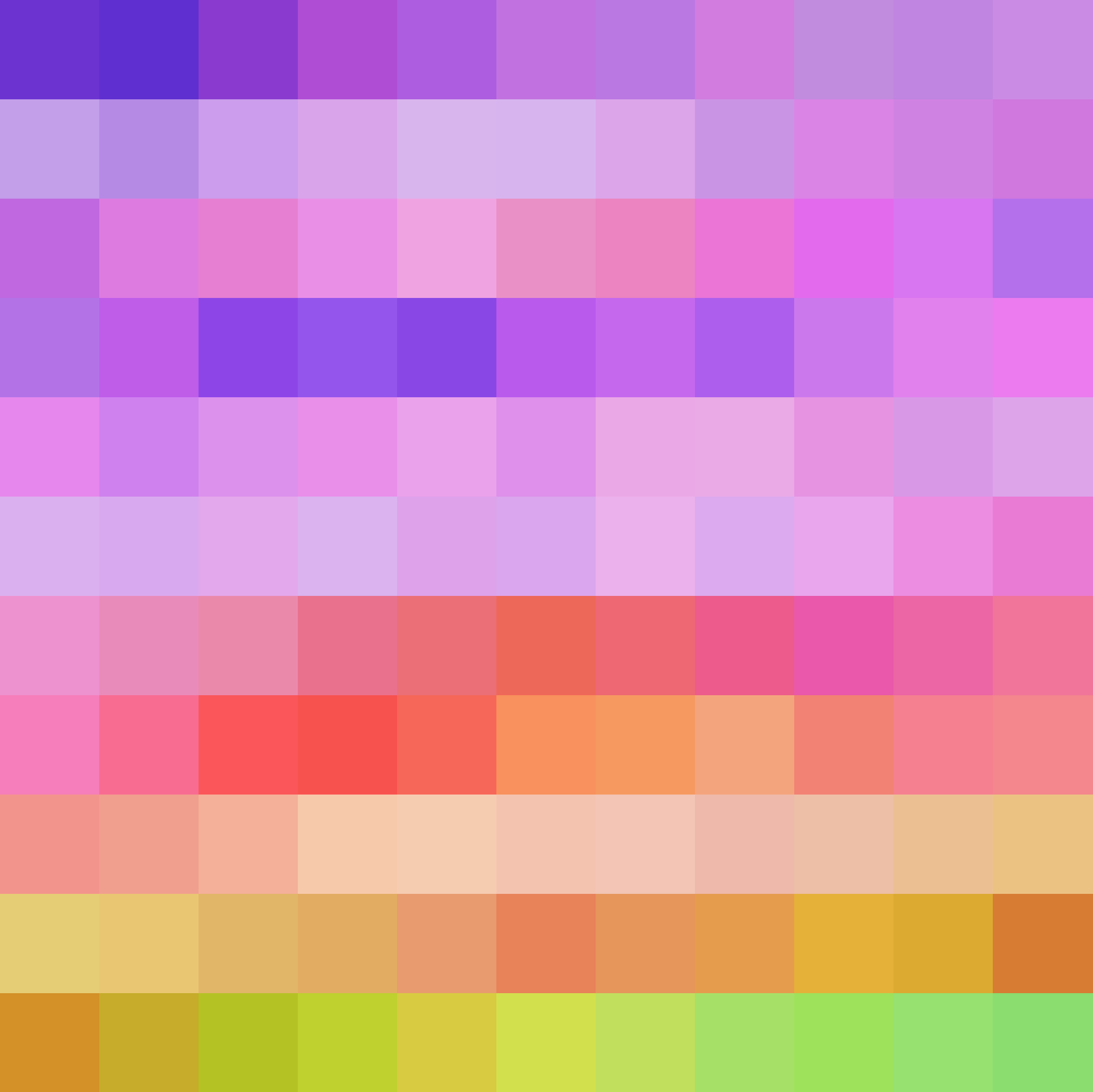
A grid with 121 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly purple, but it also has quite some magenta, some orange, some red, a little bit of rose, a little bit of violet, a little bit of yellow, a little bit of green, a tiny bit of indigo, and a tiny bit of lime in it.
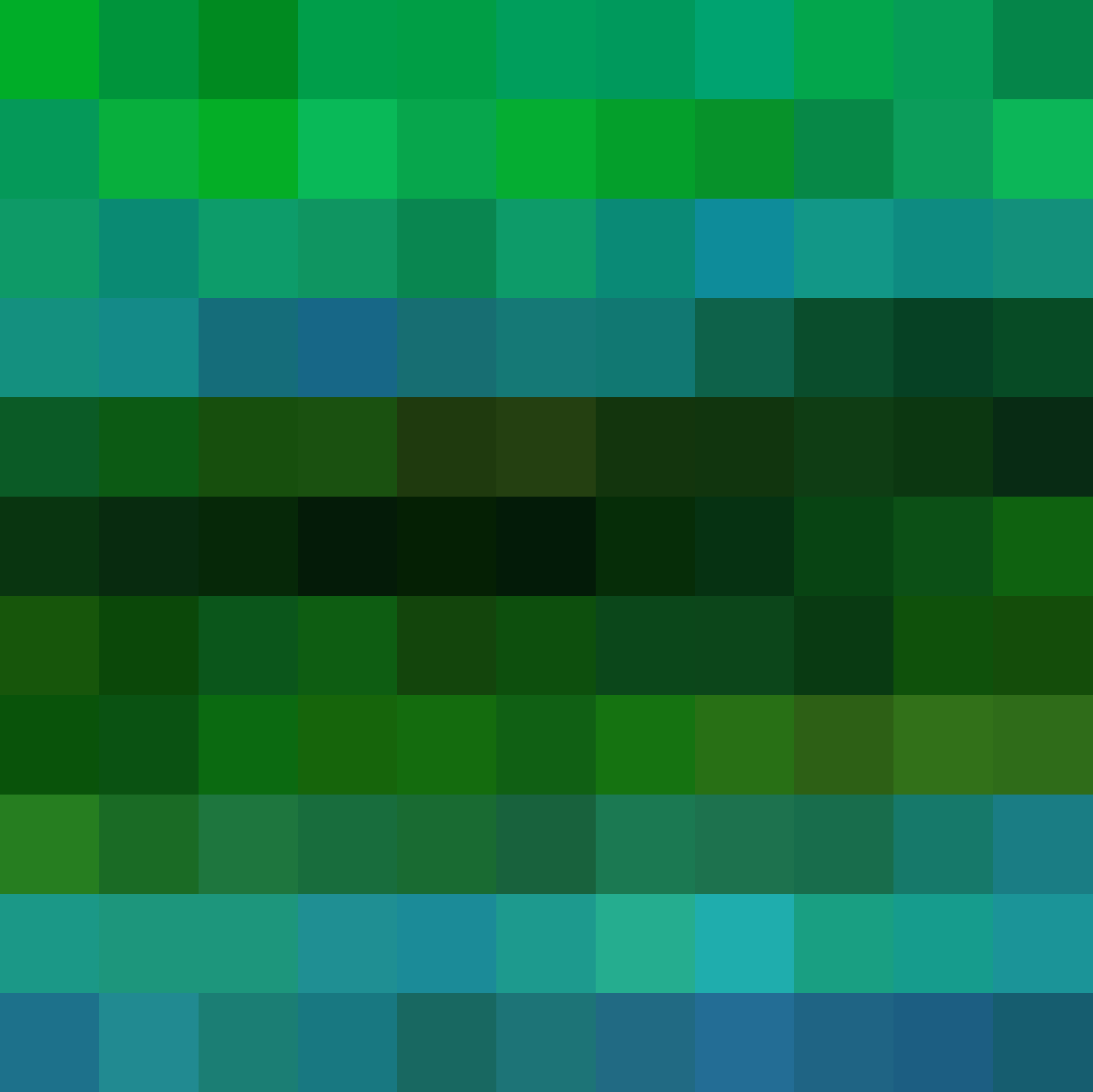
Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly magenta, but it also has quite some red, quite some rose, some orange, a bit of yellow, a little bit of green, and a tiny bit of lime in it.
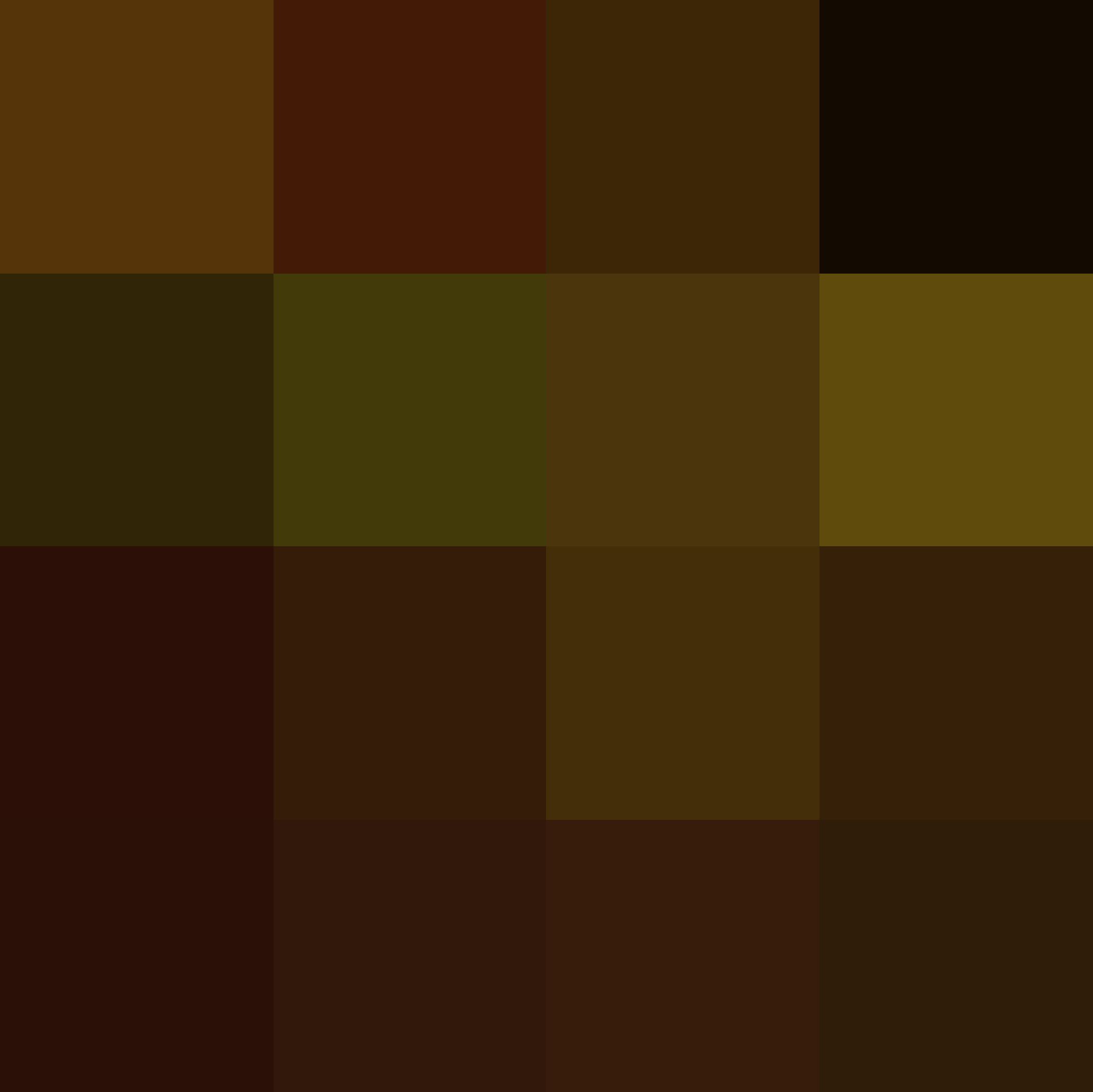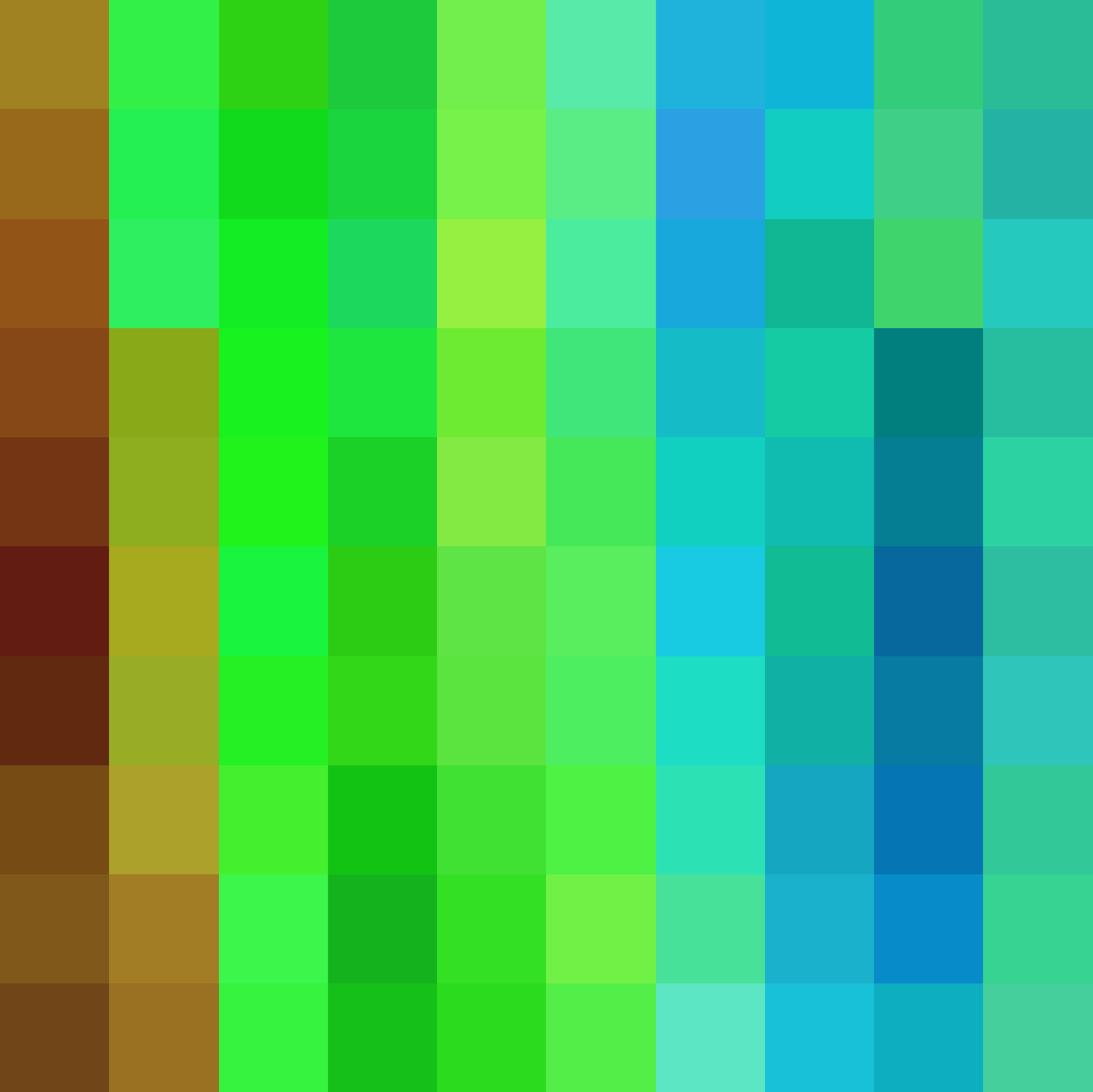
The cells in this 4 by 4 pixel grid form a gradient. It is mostly orange, but it also has some yellow, and some red in it.

The cells in this 11 by 11 pixel grid form a gradient. It is mostly green, but it also has quite some cyan, and a little bit of blue in it.

This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has quite some cyan, a bit of orange, a little bit of blue, a little bit of yellow, a tiny bit of lime, and a tiny bit of red in it.
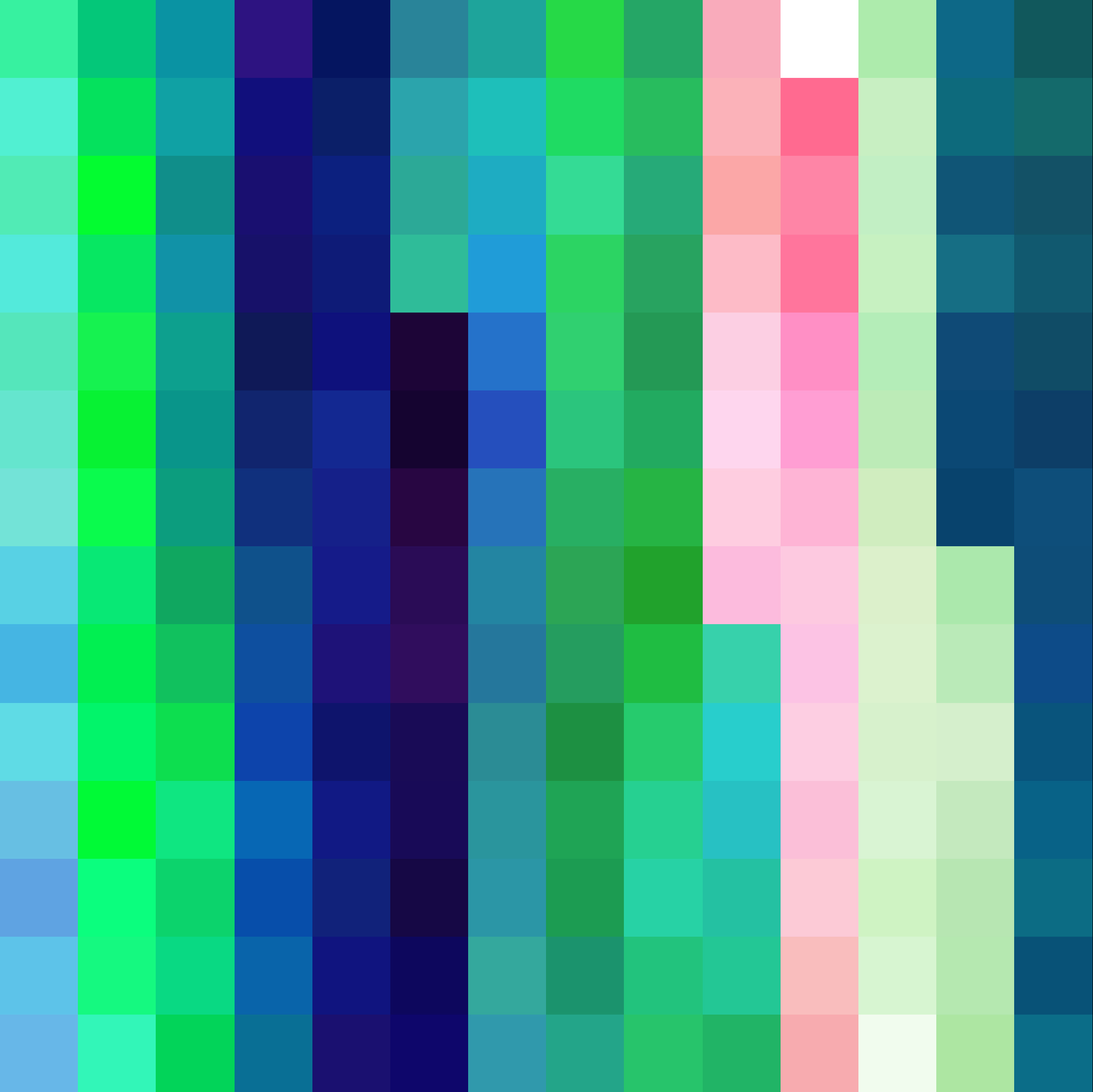
The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly green, but it also has quite some blue, some cyan, a little bit of indigo, a little bit of rose, a little bit of red, a tiny bit of violet, a tiny bit of magenta, and a tiny bit of purple in it.

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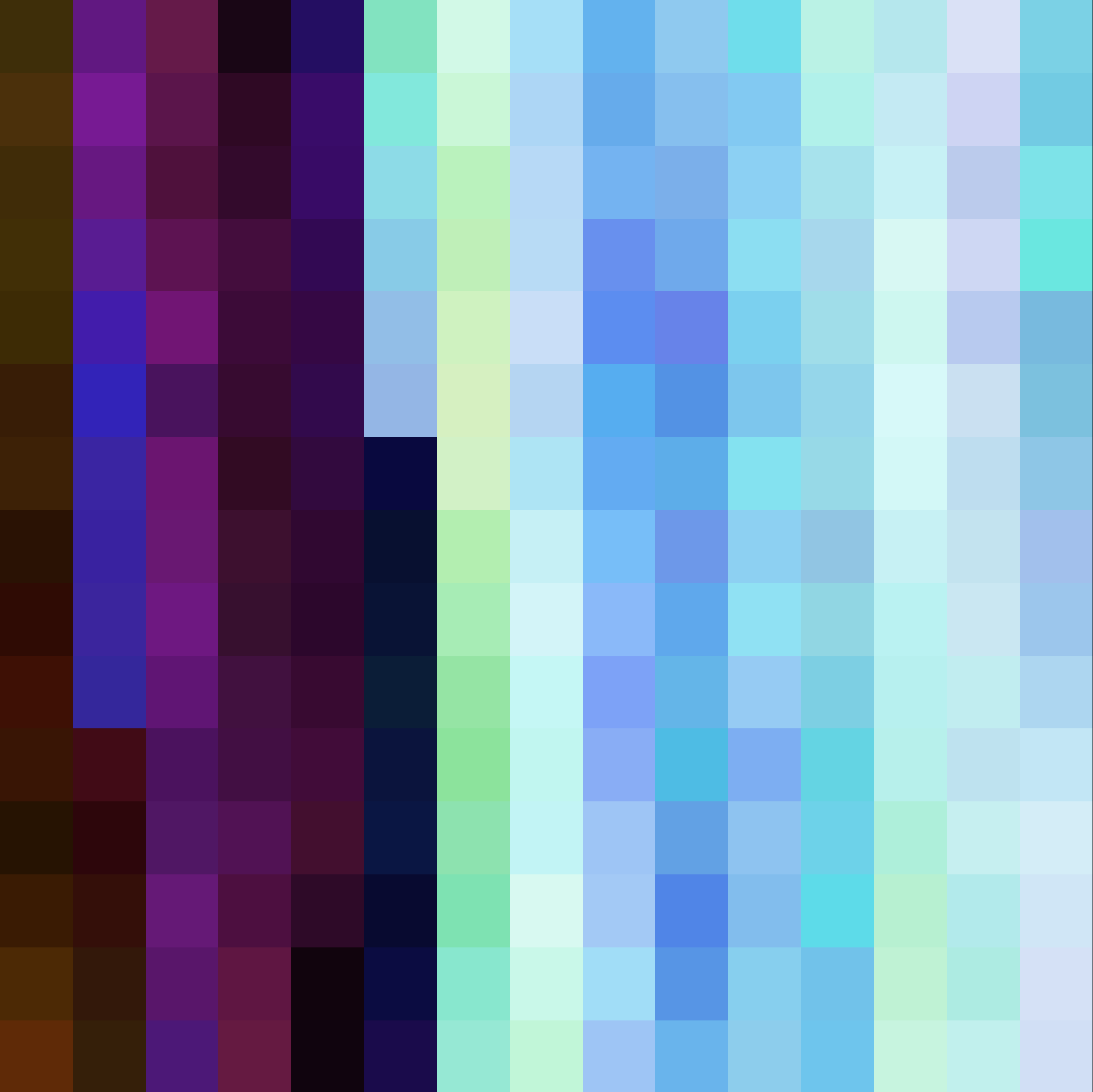
A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some magenta, a bit of green, a bit of purple, a bit of orange, a little bit of indigo, a tiny bit of red, a tiny bit of violet, and a tiny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

There's a colourful pixel gradient in this 10 by 10 grid. It is mostly orange, and it also has quite some yellow, some red, a bit of green, and a tiny bit of lime in it.
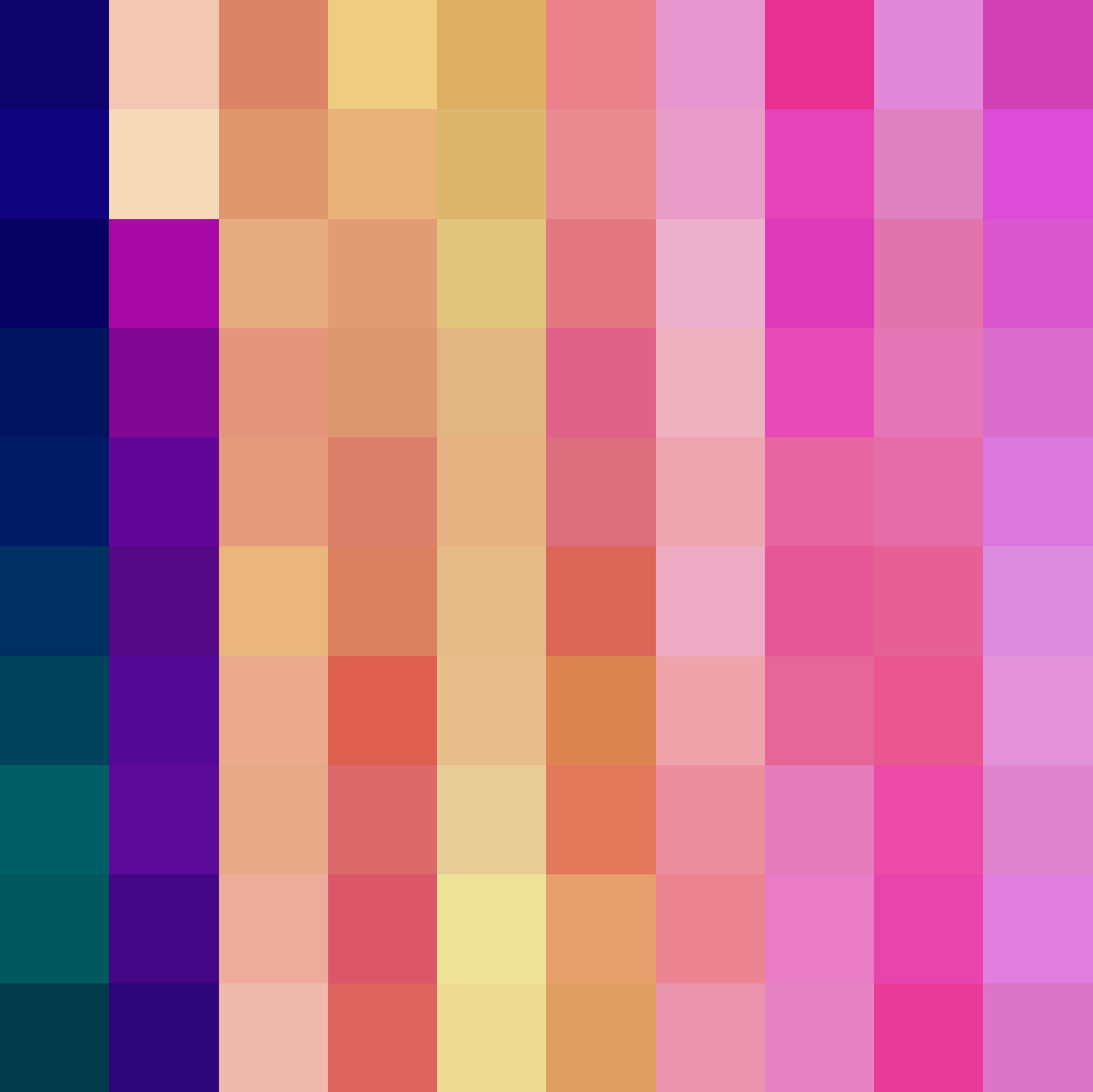
The cells in this 10 by 10 pixel grid form a very, very colourful gradient. It is mostly red, and it also has quite some orange, a little bit of blue, a little bit of indigo, a little bit of purple, a tiny bit of cyan, a tiny bit of magenta, a tiny bit of yellow, and a tiny bit of violet in it.
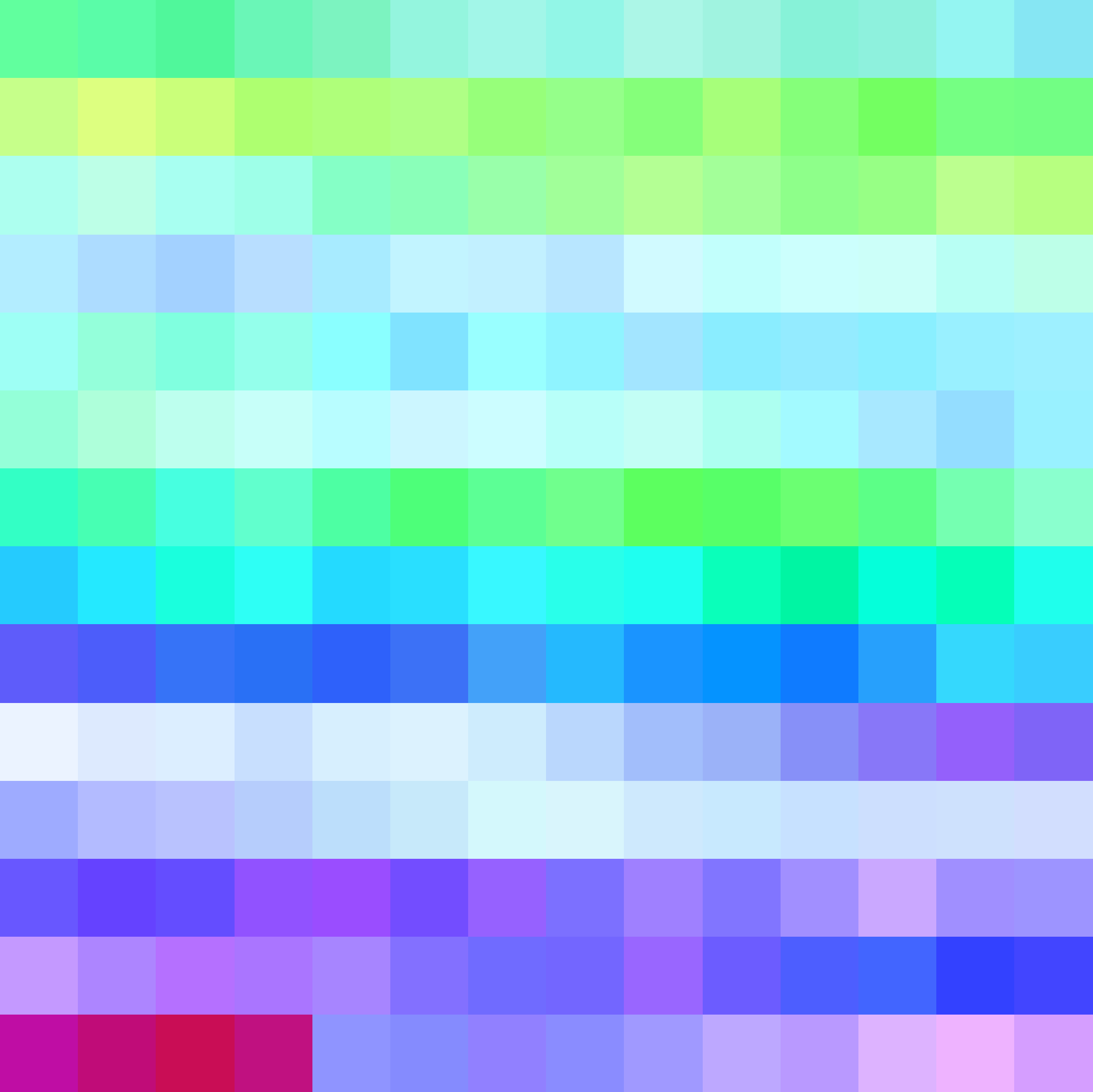
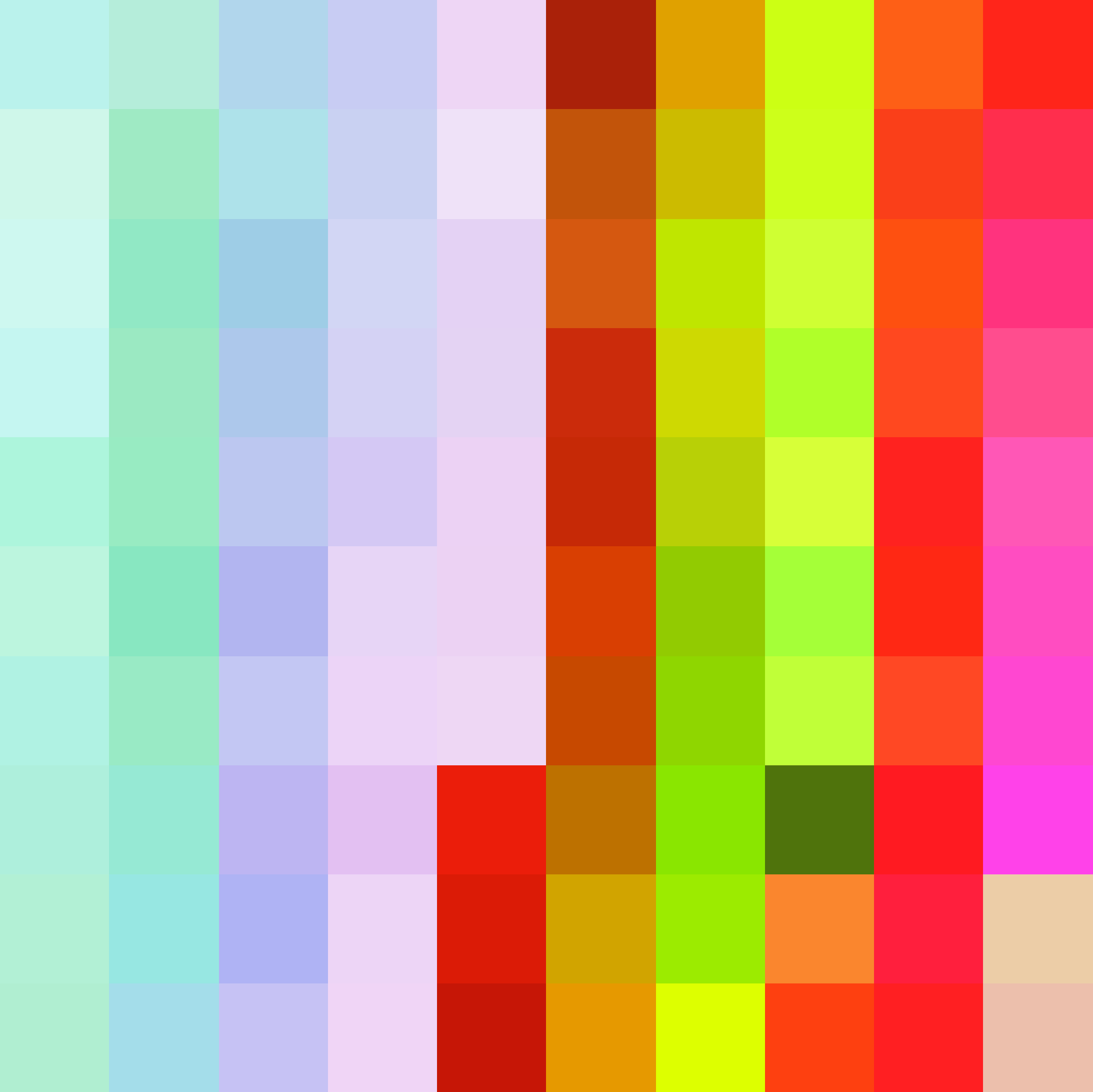There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly cyan, but it also has quite some blue, quite some green, some indigo, a little bit of violet, a tiny bit of purple, a tiny bit of magenta, a tiny bit of lime, and a tiny bit of rose in it.

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

Here's a 10 by 10 pixelated grid that forms a very, very colourful gradient. It is mostly red, and it also has some green, some purple, some orange, a bit of blue, a bit of cyan, a little bit of yellow, a little bit of lime, and a little bit of indigo in it.
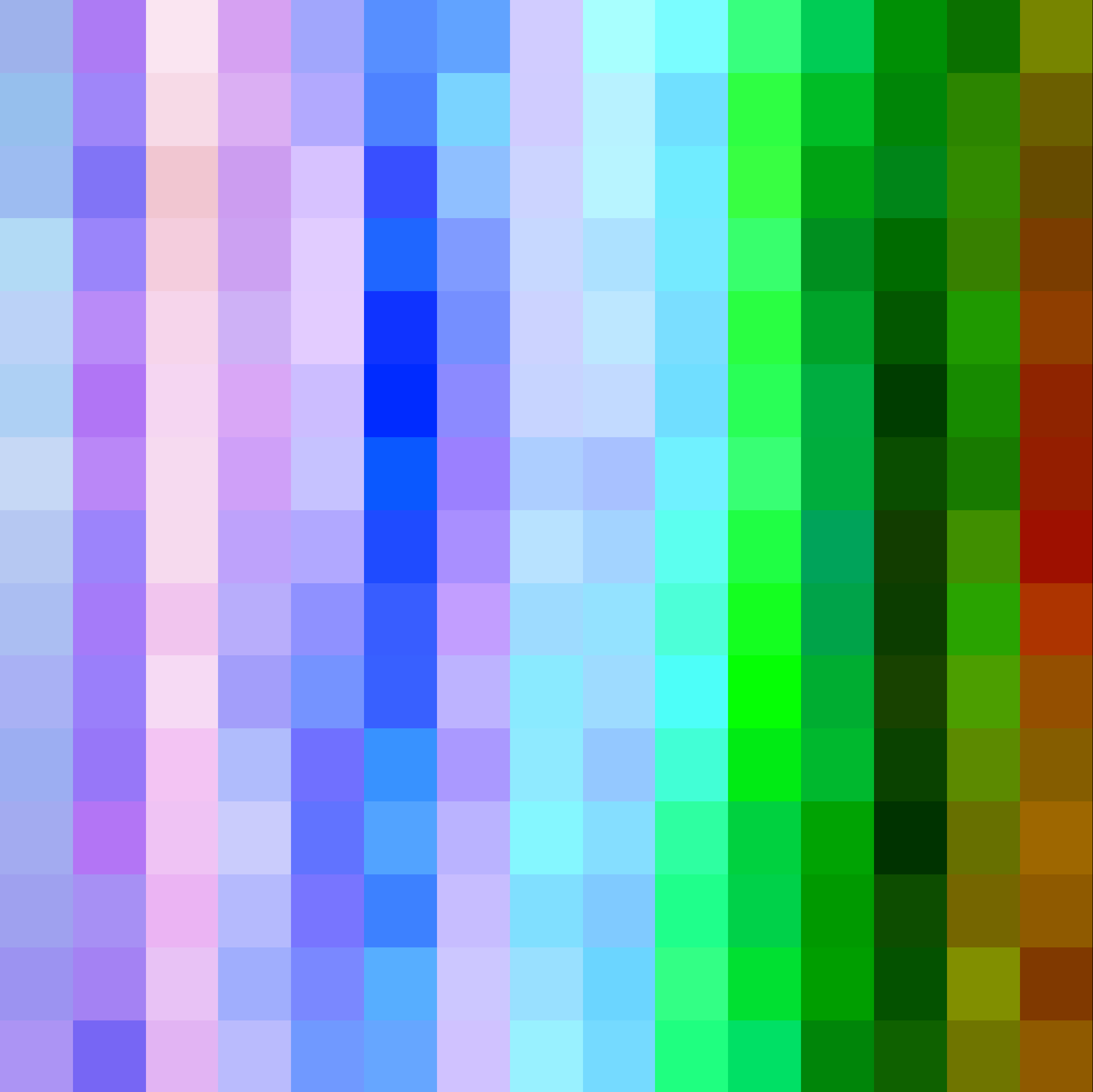
A grid with 225 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some green, some indigo, a bit of cyan, a little bit of violet, a little bit of orange, a little bit of magenta, a little bit of purple, a little bit of yellow, a tiny bit of red, and a tiny bit of rose in it.
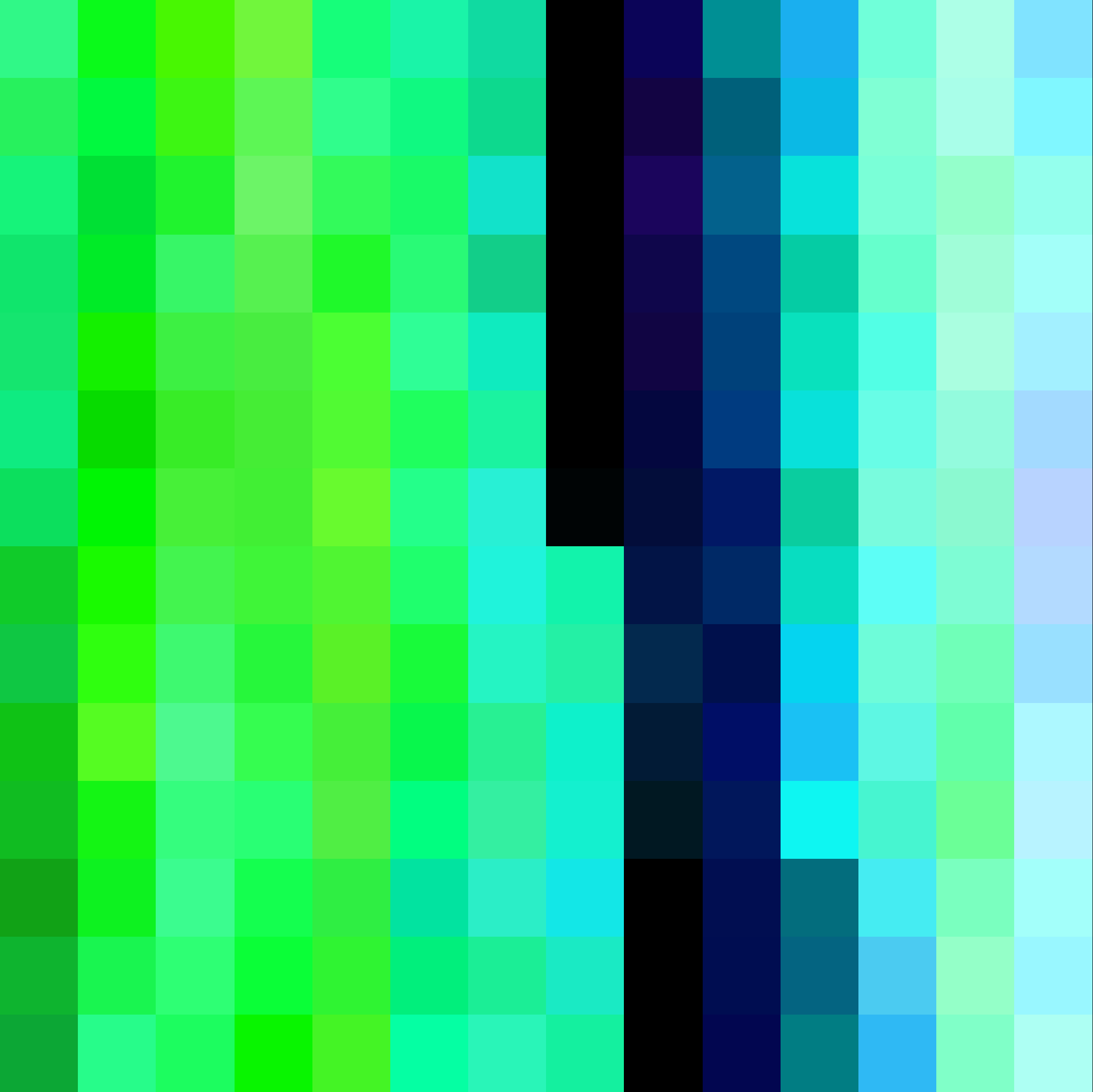
This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some magenta, quite some orange, quite some red, and a little bit of purple in it.

This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly magenta, and it also has some indigo, some purple, some blue, a bit of violet, a bit of cyan, and a tiny bit of green in it.
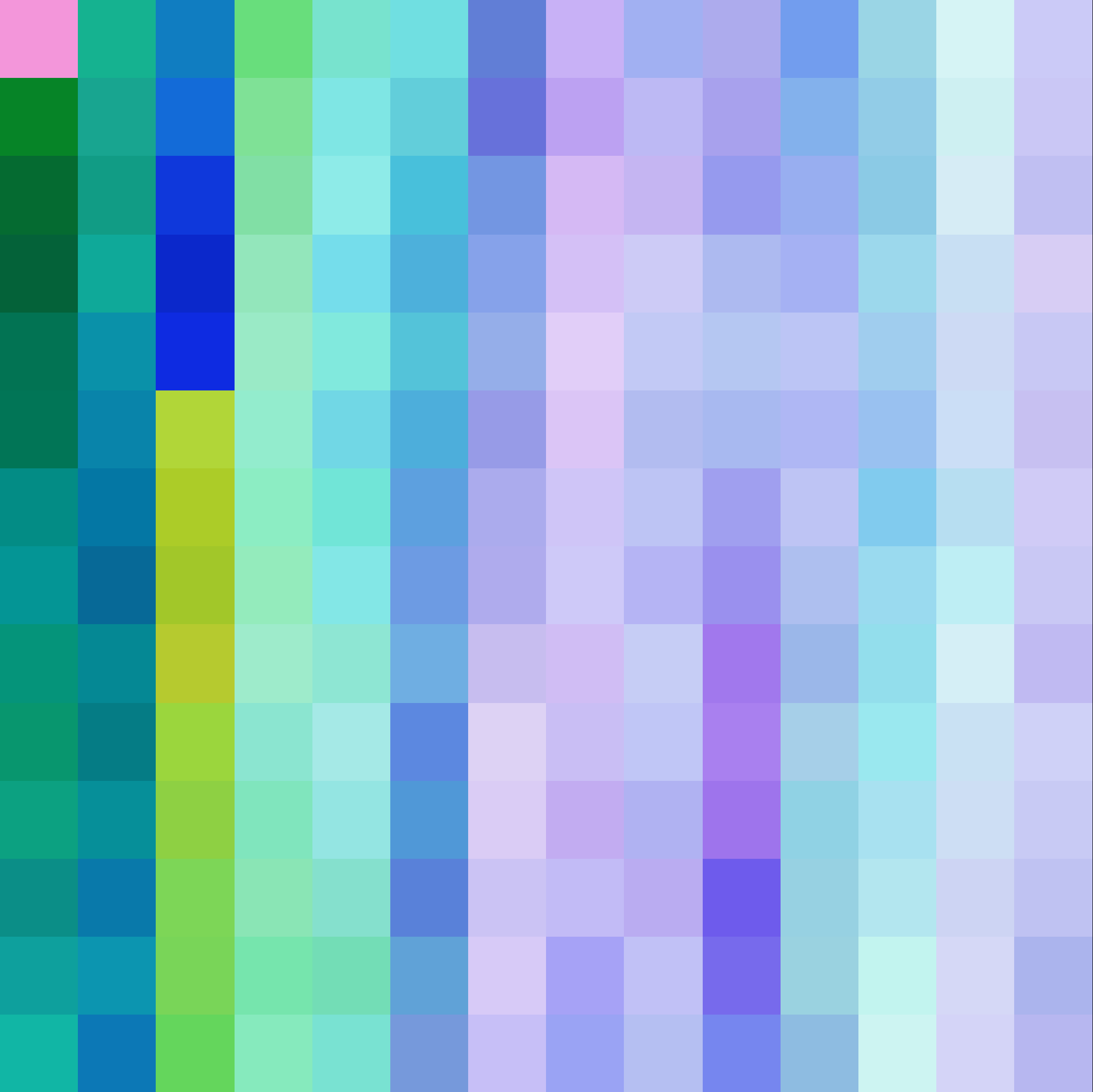
A 7 by 7 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly green, but it also has some cyan, some yellow, a bit of lime, and a tiny bit of blue in it.

This pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, but it also has quite some cyan, some blue, and a little bit of indigo 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 cyan, some indigo, some green, a little bit of violet, a tiny bit of lime, a tiny bit of magenta, and a tiny bit of yellow in it.

The colourful gradient in this 5 by 5 pixel grid is mostly green, and it also has quite some cyan, some blue, some red, and a little bit of orange in it.
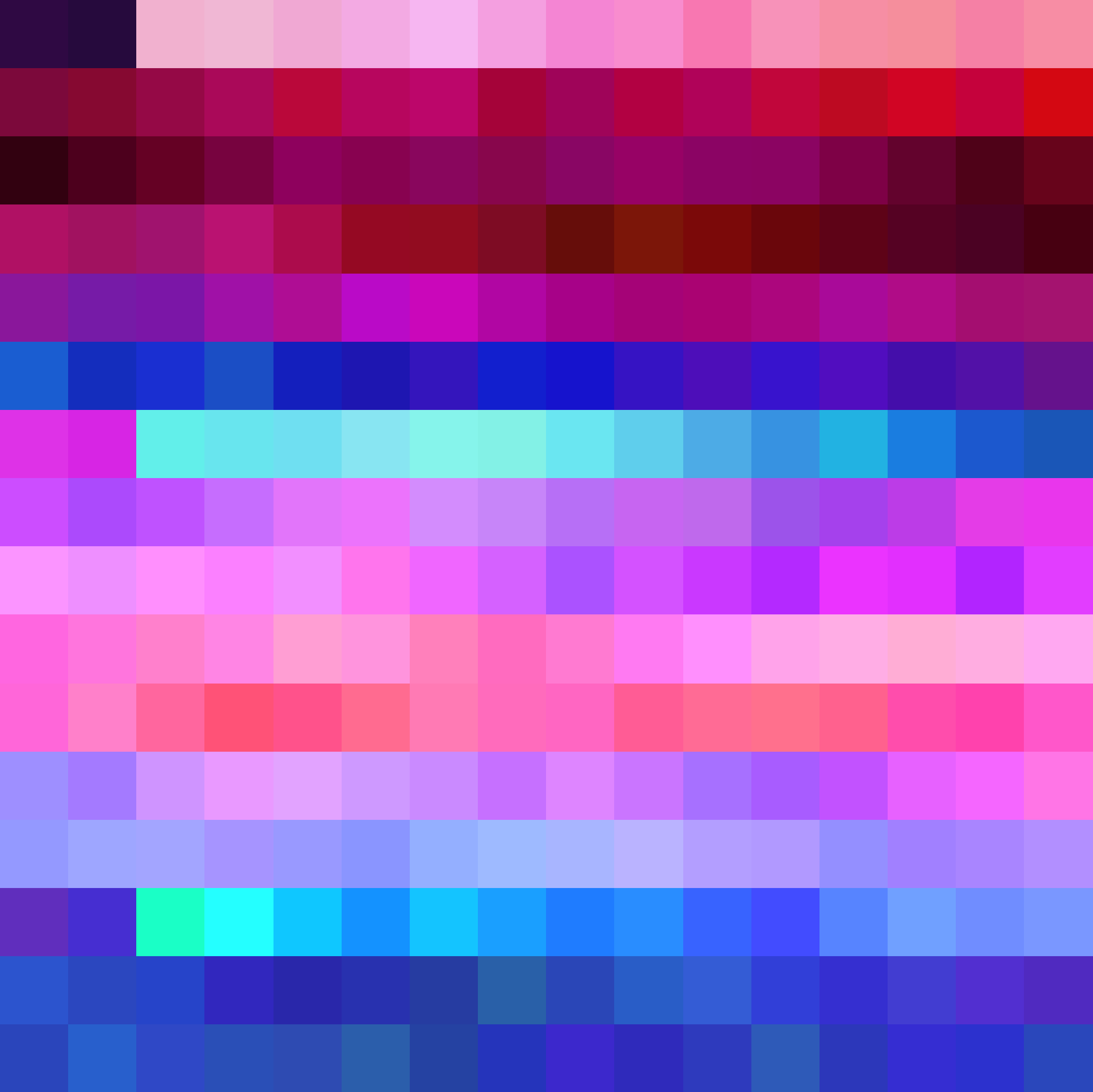
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some blue, some rose, some purple, a bit of indigo, a bit of red, a little bit of cyan, and a little bit of violet in it.

There's a two tone pixel gradient in this 6 by 6 grid. It is mostly magenta, and it also has some rose in it.
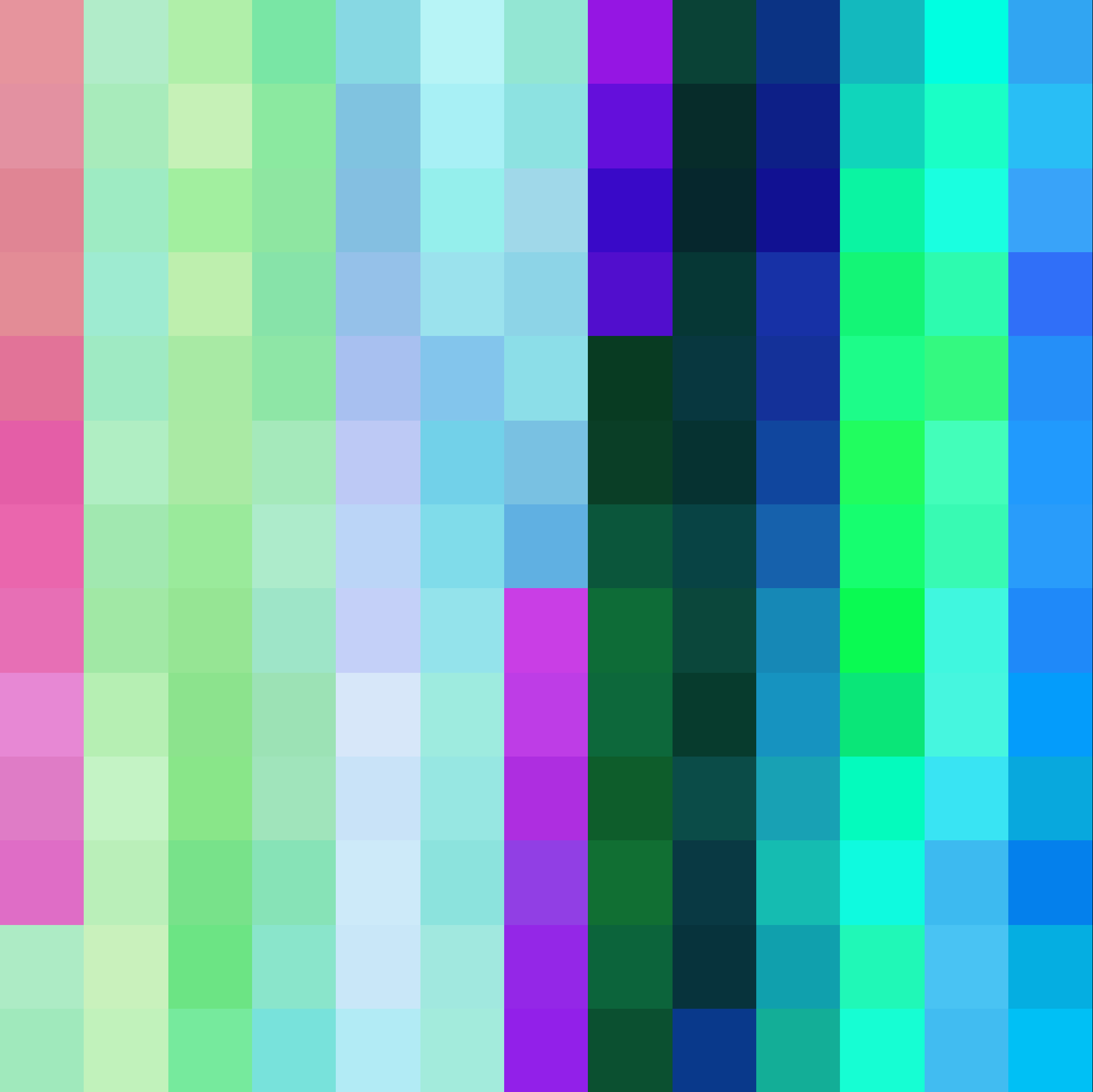
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has quite some cyan, quite some blue, a little bit of purple, a tiny bit of red, a tiny bit of magenta, a tiny bit of rose, a tiny bit of violet, and a tiny bit of indigo 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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