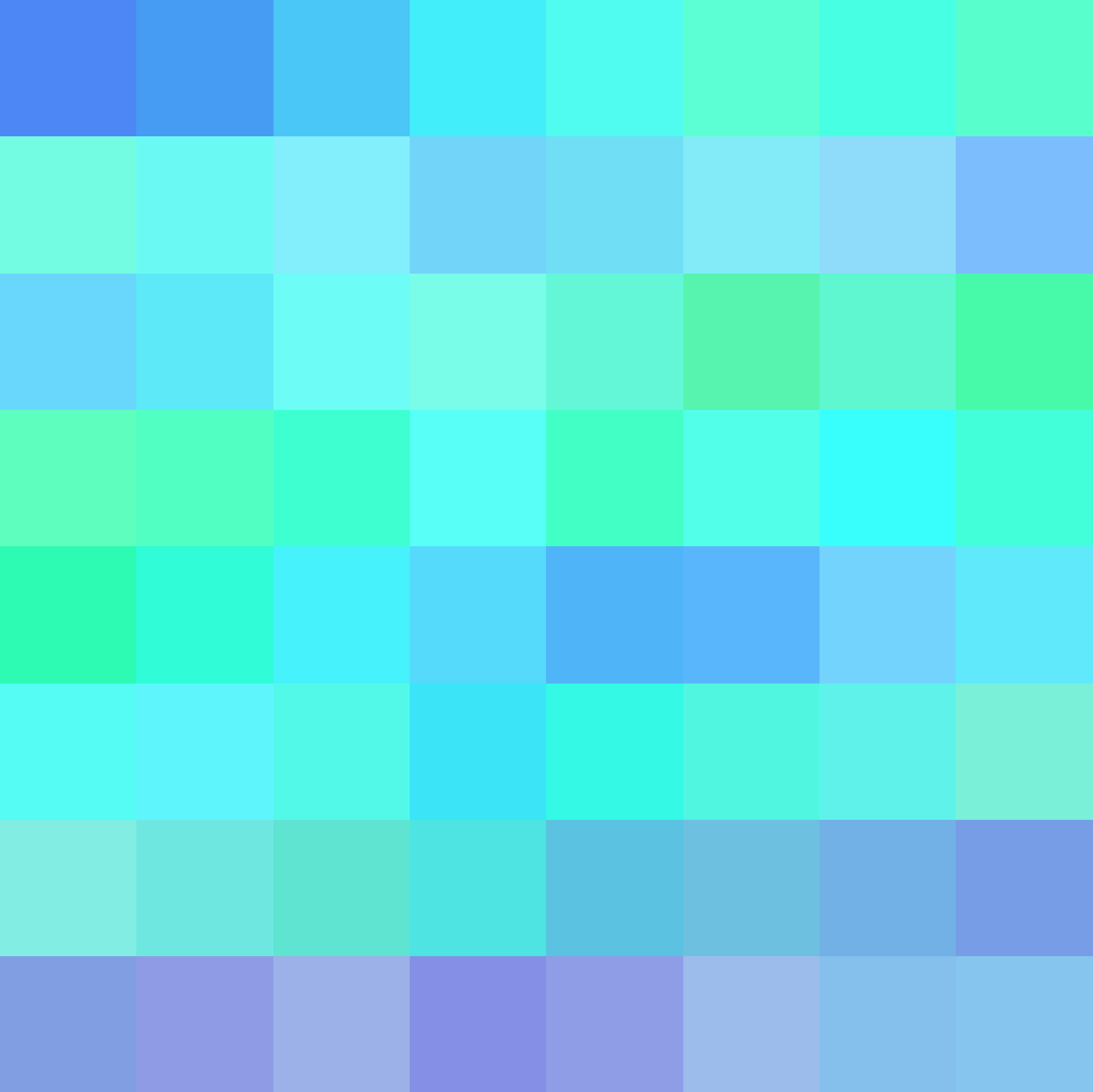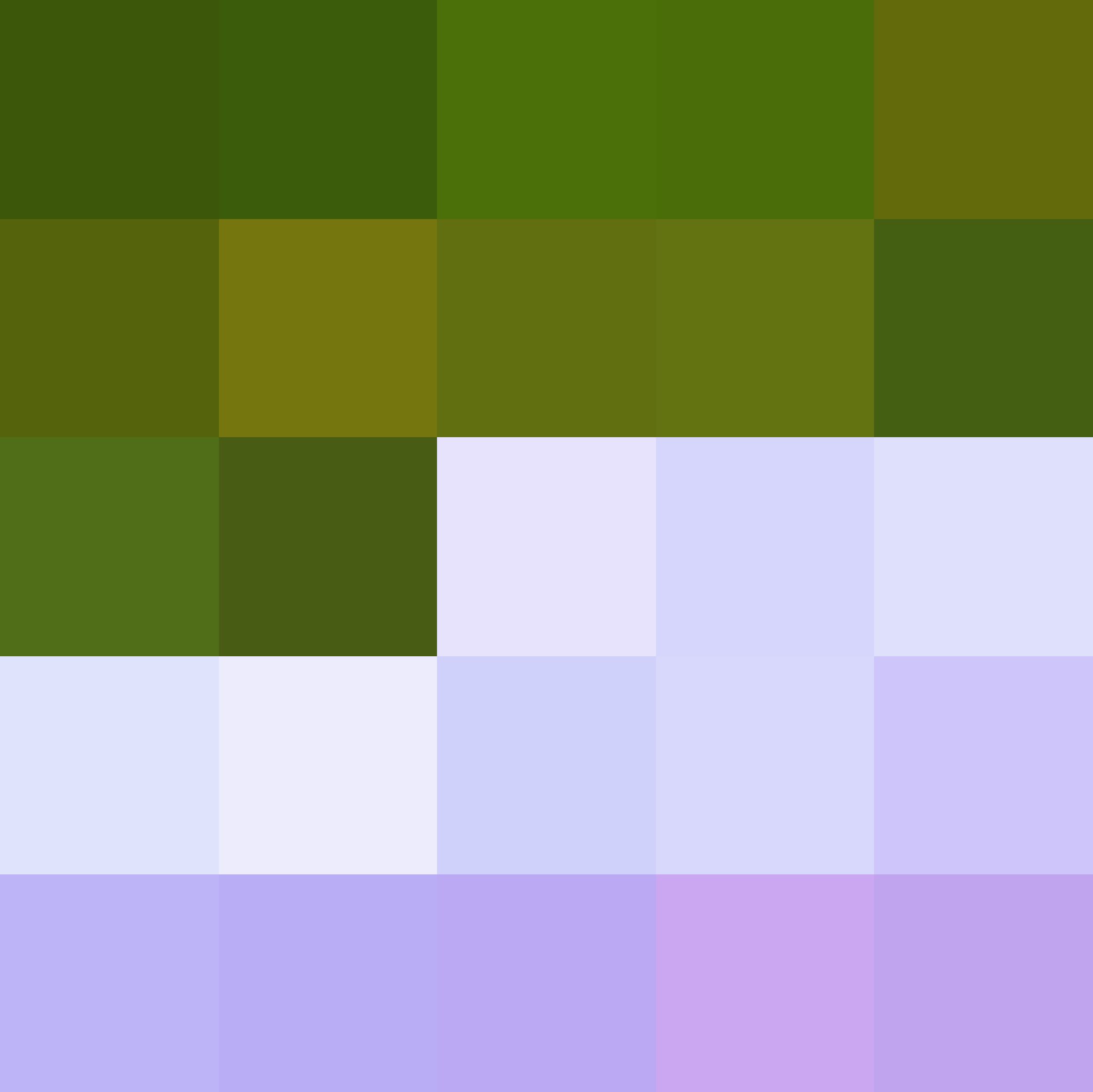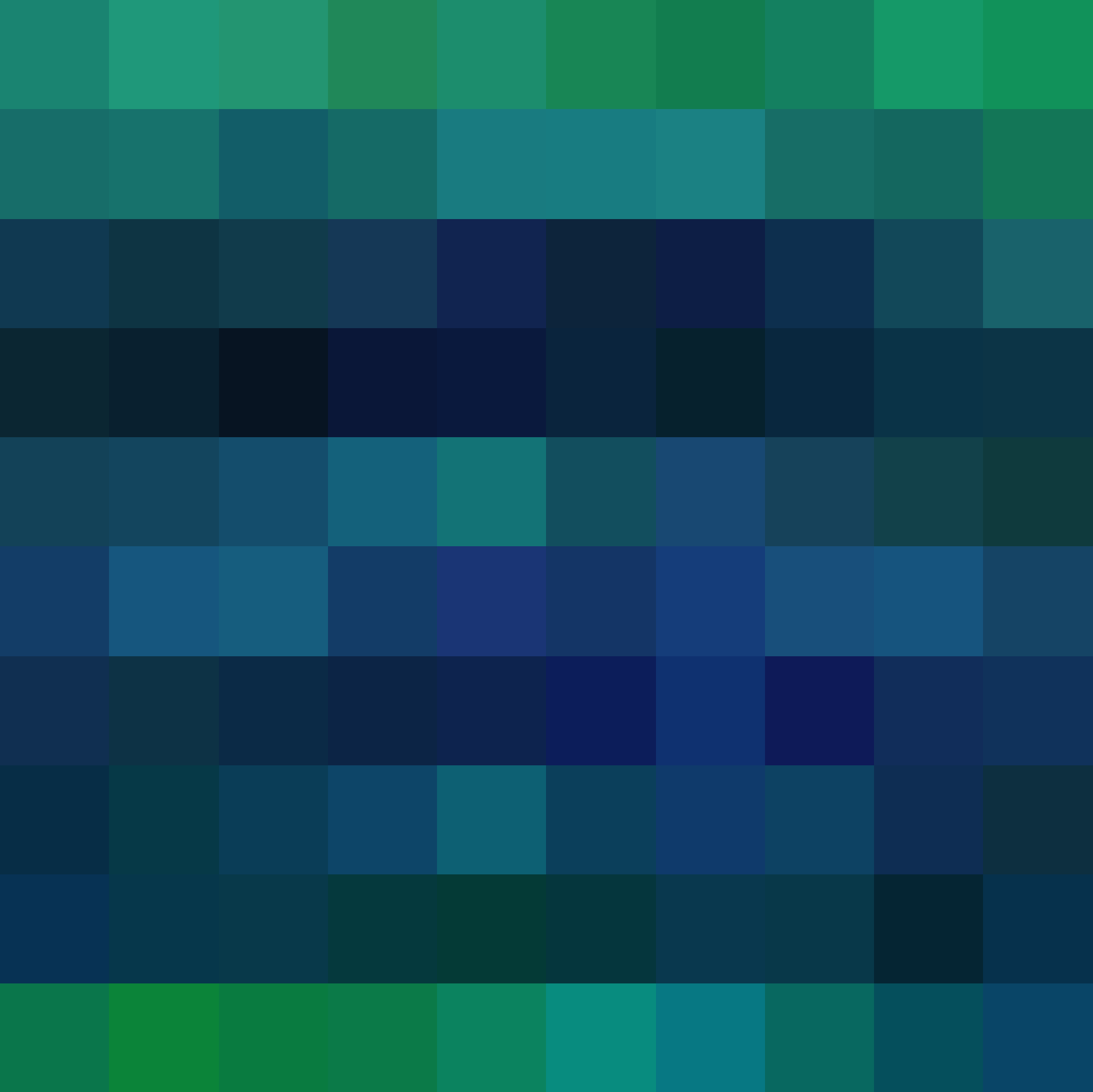# 100 random pixel gradients

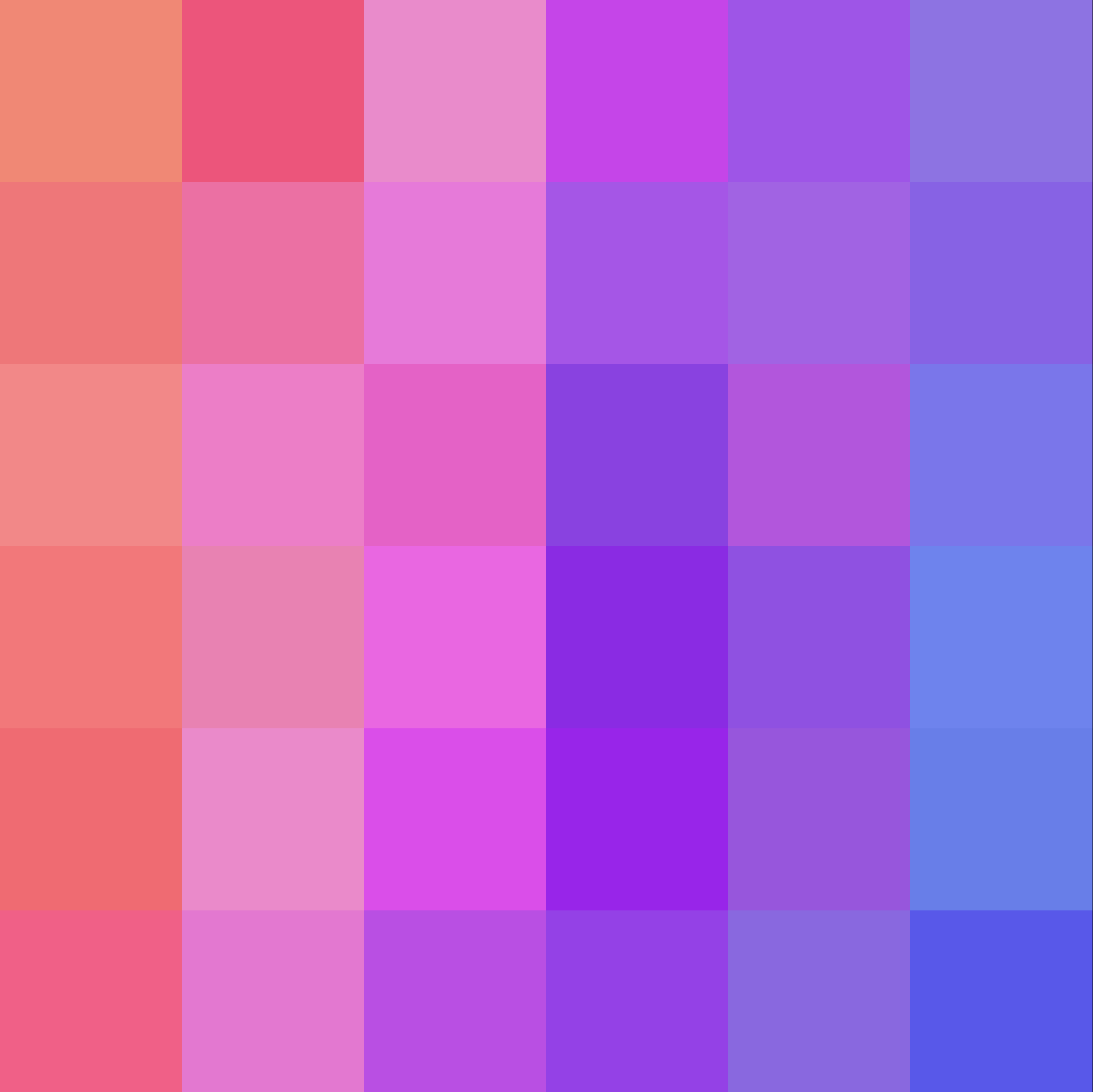Vasilis van Gemert - 22-01-2023

Here's an 8 by 8 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some blue, and some green in it.
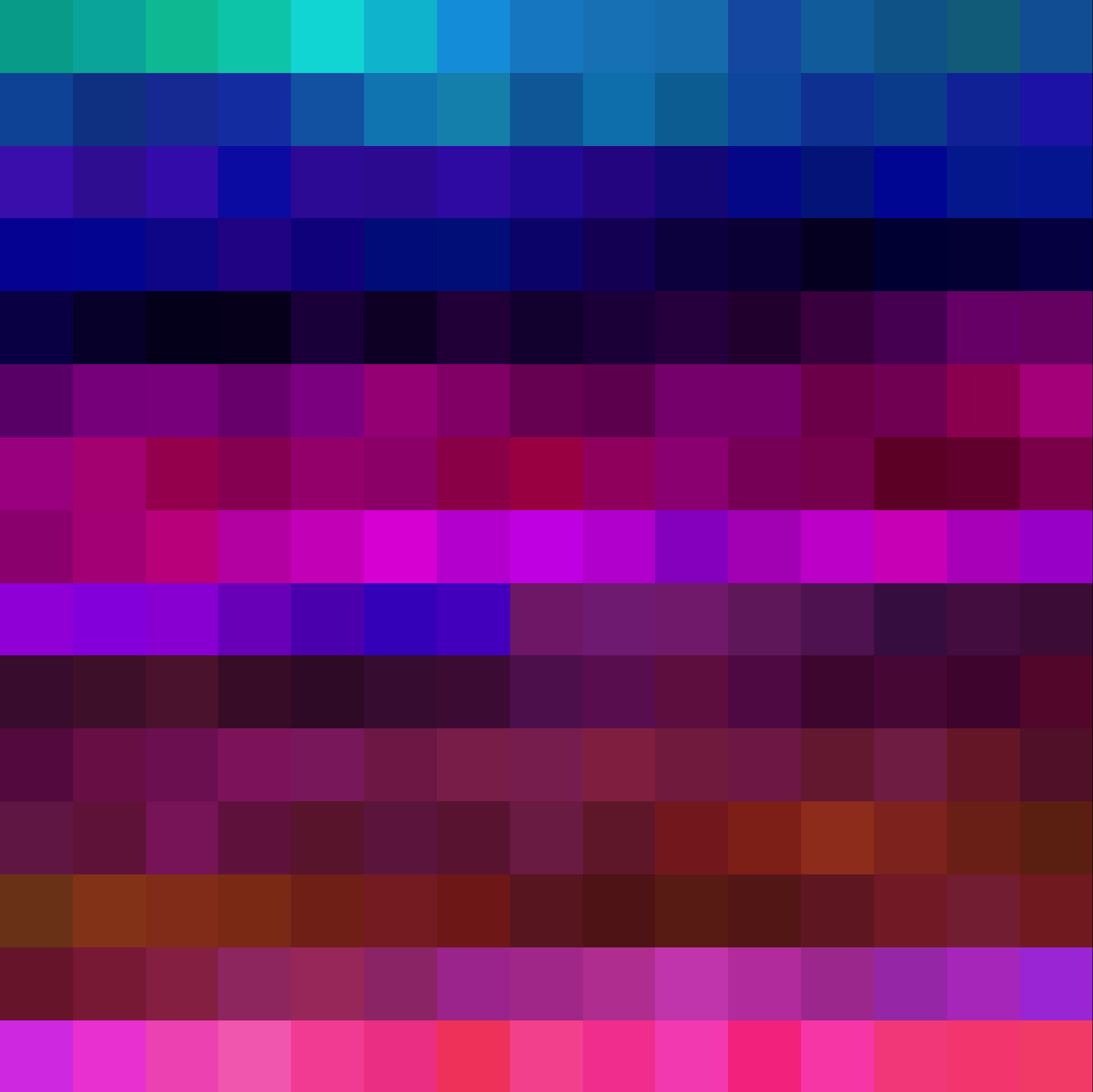
This very colourful pixel gradient—it is 5 cells wide, 5 cells high—is mostly indigo, but it also has quite some green, quite some yellow, some blue, a bit of violet, and a little bit of lime in it.
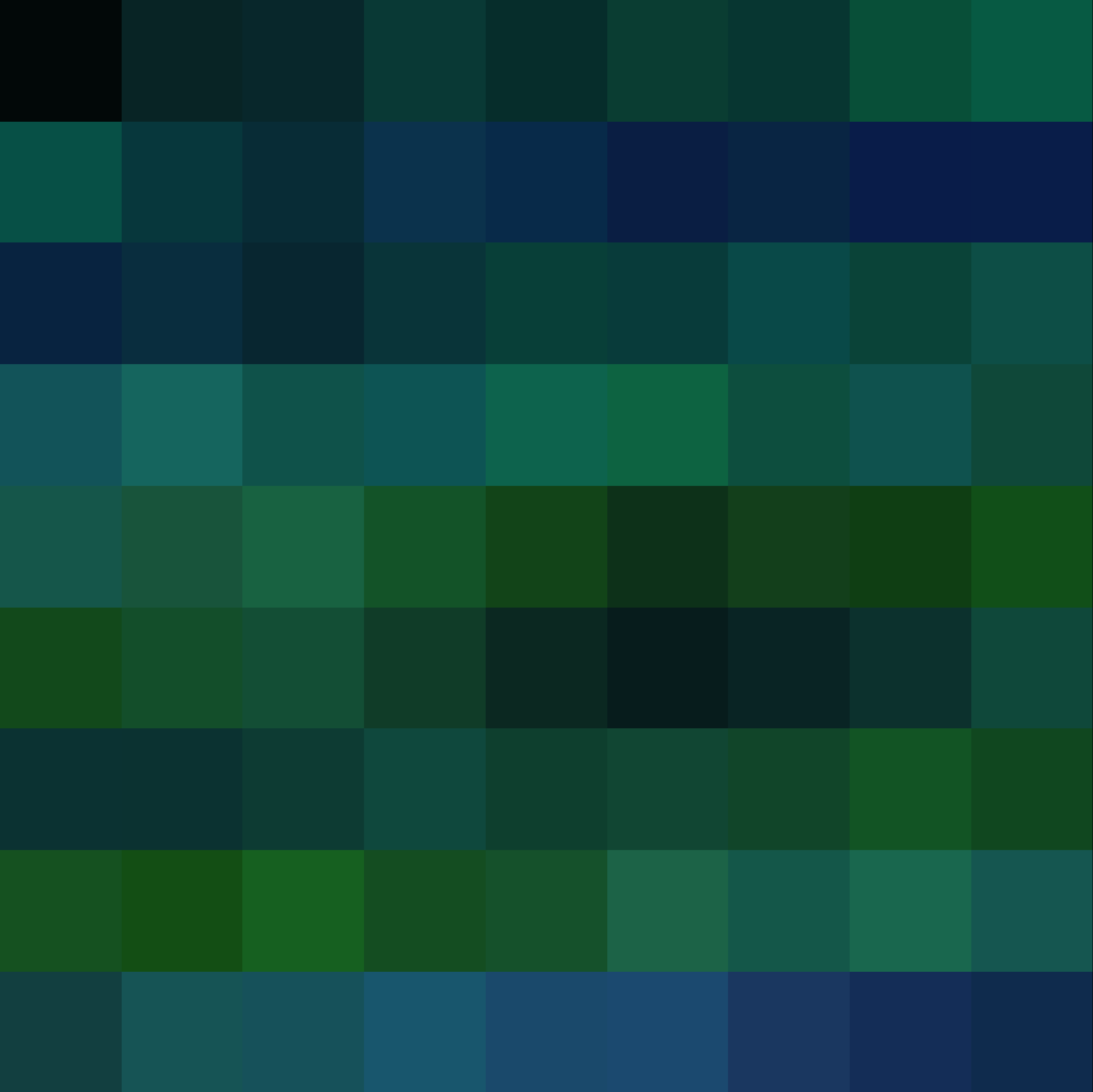
There's a pixel gradient in this 10 by 10 grid. It is mostly blue, but it also has quite some cyan, and some green in it.
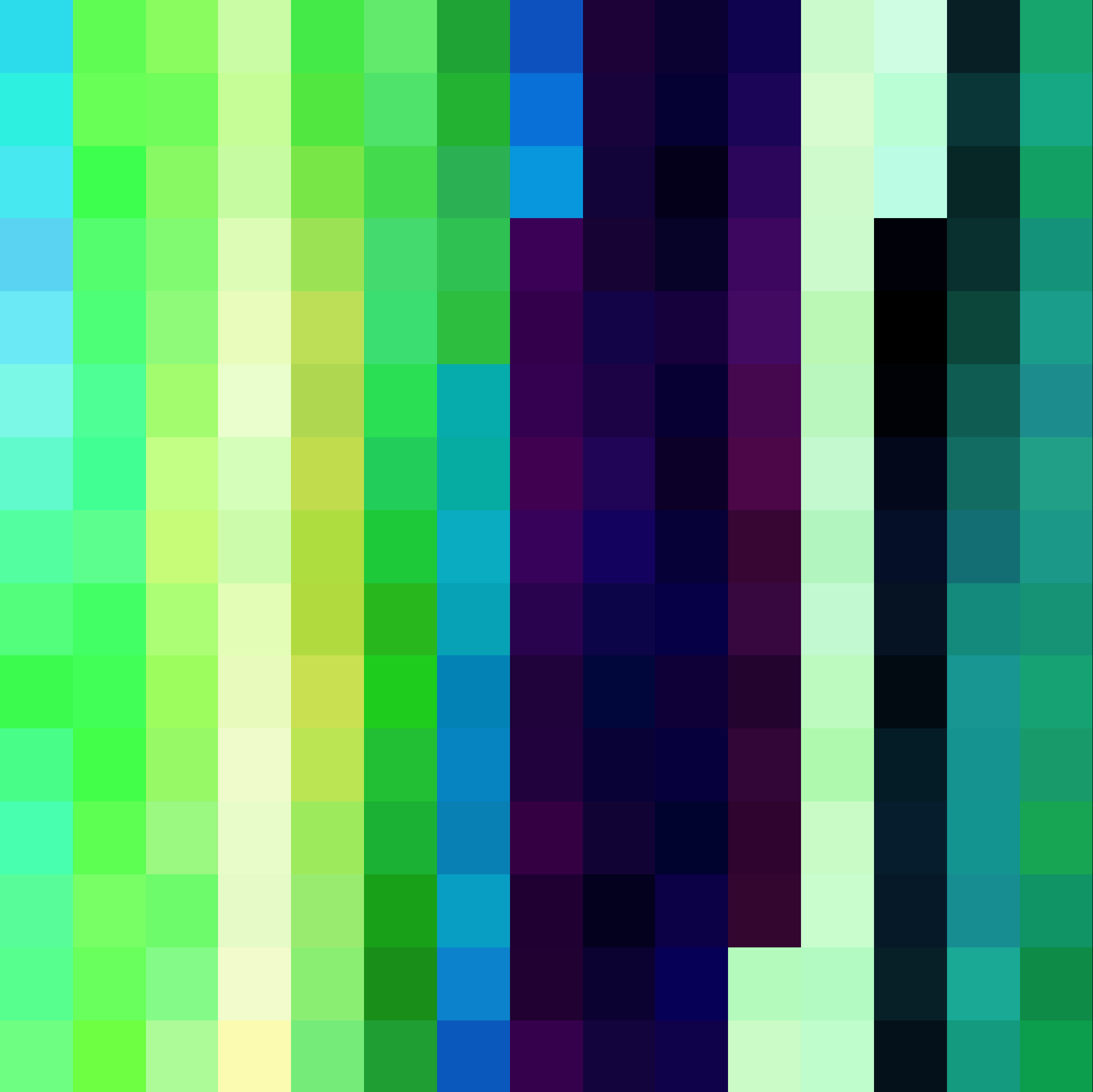
The cells in this 6 by 6 pixel grid form a monochrome gradient. It is red.

A 15 by 15 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, and it also has some rose, some blue, some indigo, some red, a little bit of purple, a little bit of cyan, a little bit of violet, and a tiny bit of orange in it.

The gradient in this 9 by 9 pixel grid is mostly cyan, but it also has quite some green, and some blue in it.

This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly green, and it also has some cyan, some indigo, a bit of blue, a bit of purple, a little bit of lime, a little bit of violet, a little bit of magenta, and a tiny bit of yellow in it.
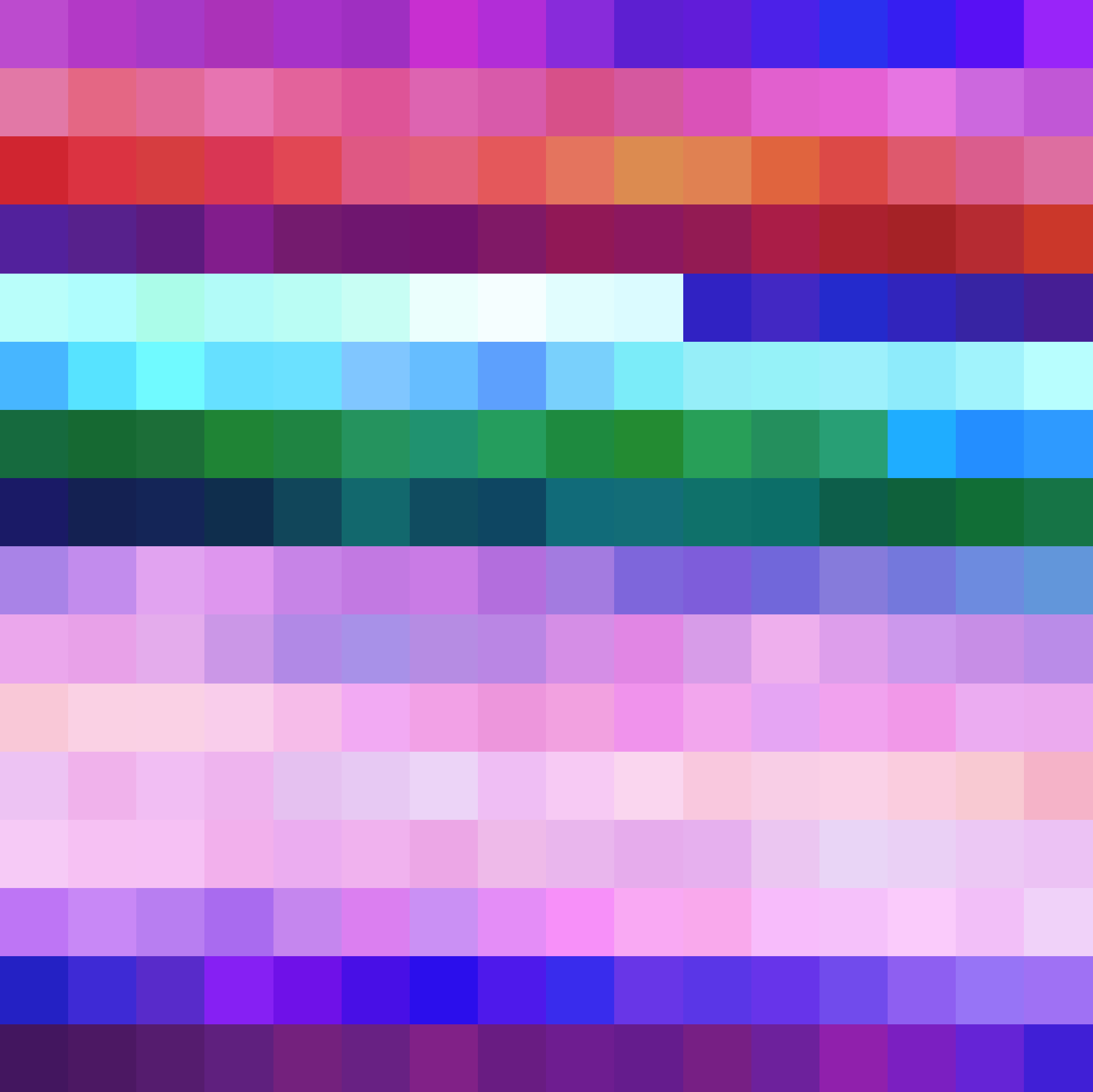
The very, very colourful gradient in this 11 by 11 pixel grid is mostly red, but it also has some orange, some purple, a bit of indigo, a little bit of rose, a little bit of magenta, a little bit of violet, and a tiny bit of yellow in it.
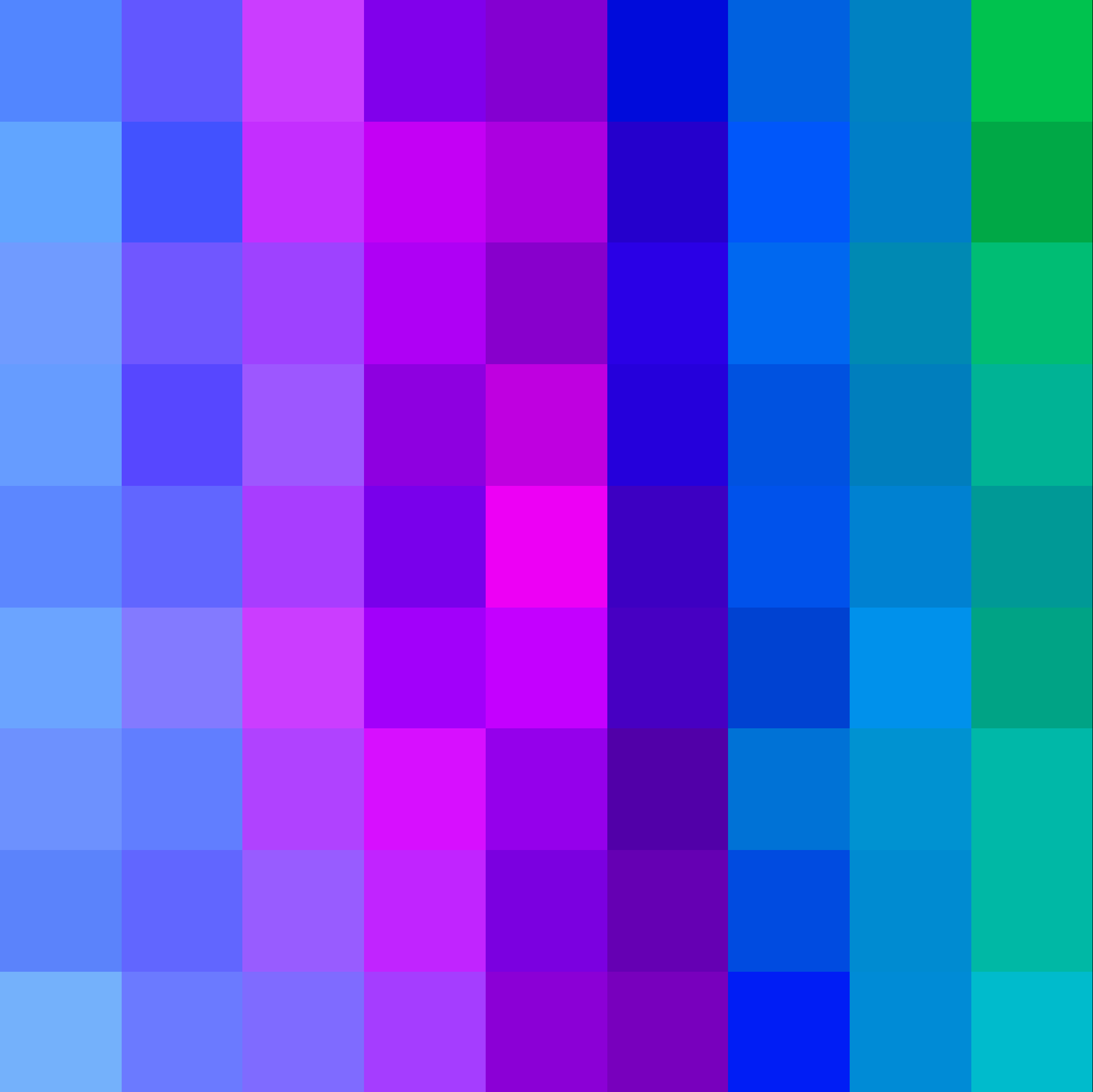
The very, very colourful gradient in this 14 by 14 pixel grid is mostly green, but it also has quite some cyan, quite some blue, some magenta, a little bit of purple, a little bit of indigo, a little bit of rose, and a tiny bit of violet in it.
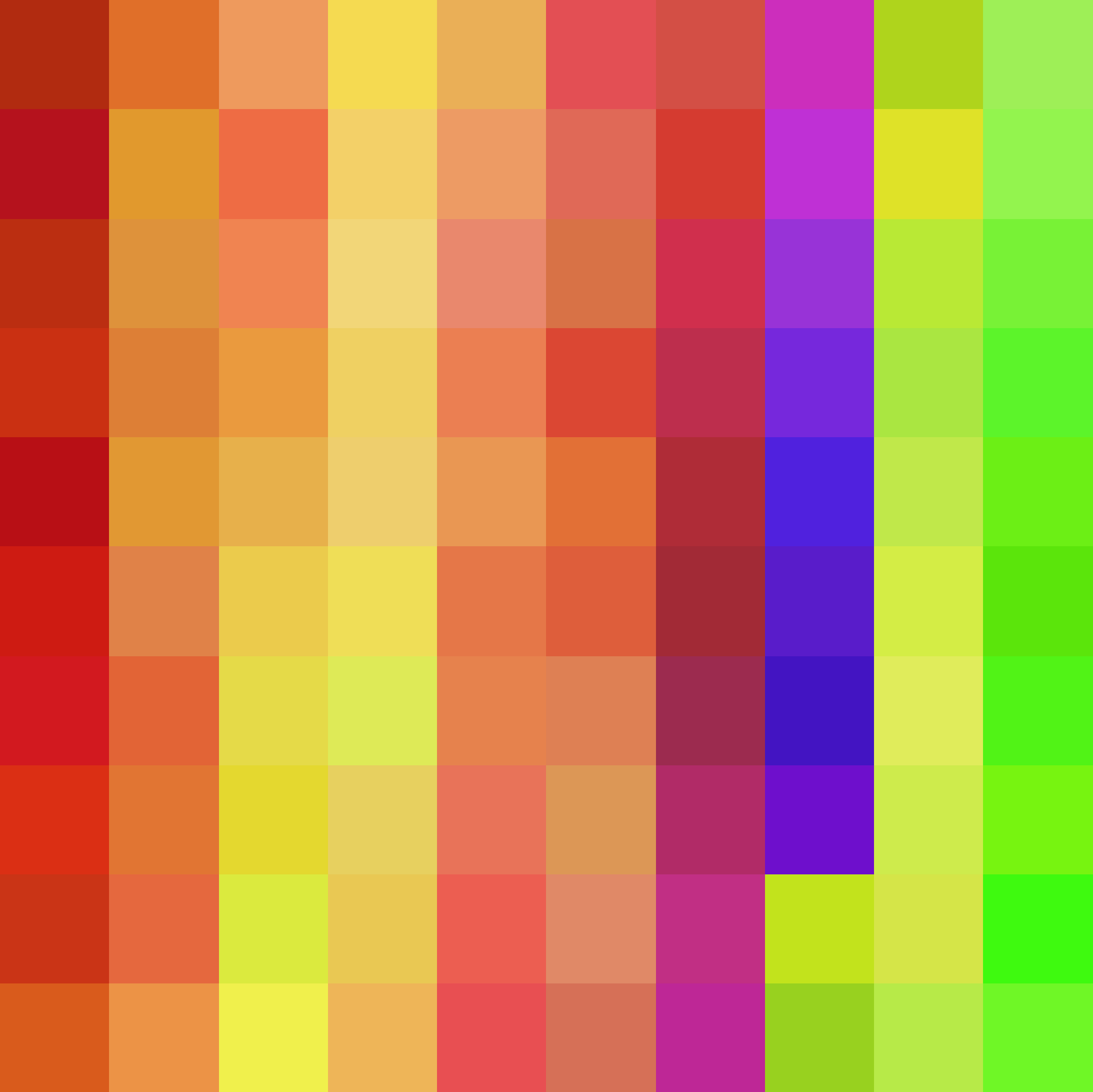
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some purple, some indigo, some cyan, a bit of blue, a bit of rose, a bit of red, a little bit of green, a little bit of violet, and a tiny bit of orange in it.
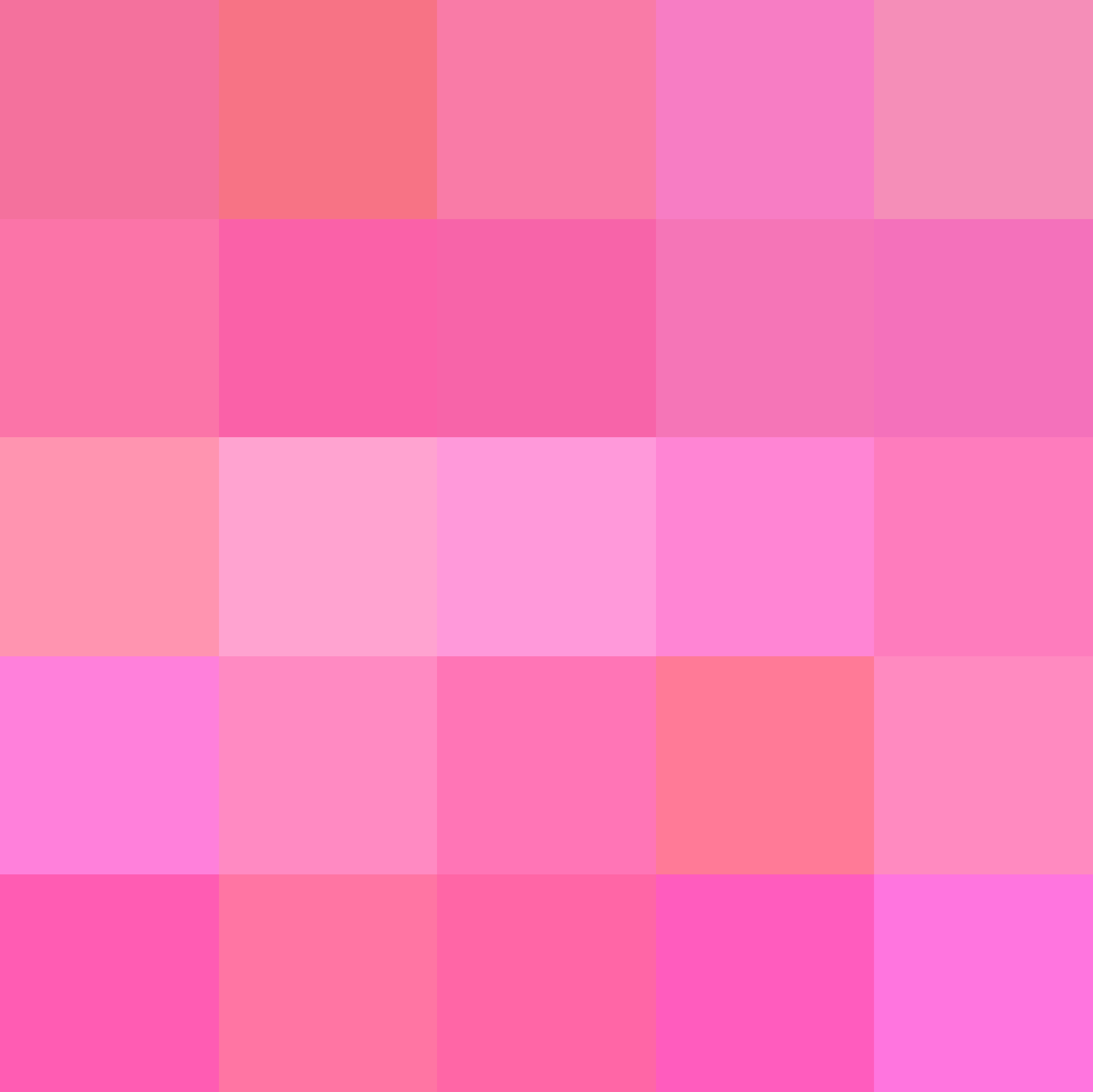
There's a pixel gradient in this 7 by 7 grid. It is mostly blue, but it also has some cyan, a little bit of yellow, and a little bit of orange in it.

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

Here's a 10 by 10 pixelated grid that forms a colourful gradient. It is mostly red, and it also has quite some orange, some yellow, some green, and a little bit of lime in it.

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

This very, very colourful gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has some orange, some magenta, some yellow, some lime, some cyan, a little bit of red, a tiny bit of rose, and a tiny bit of blue in it.
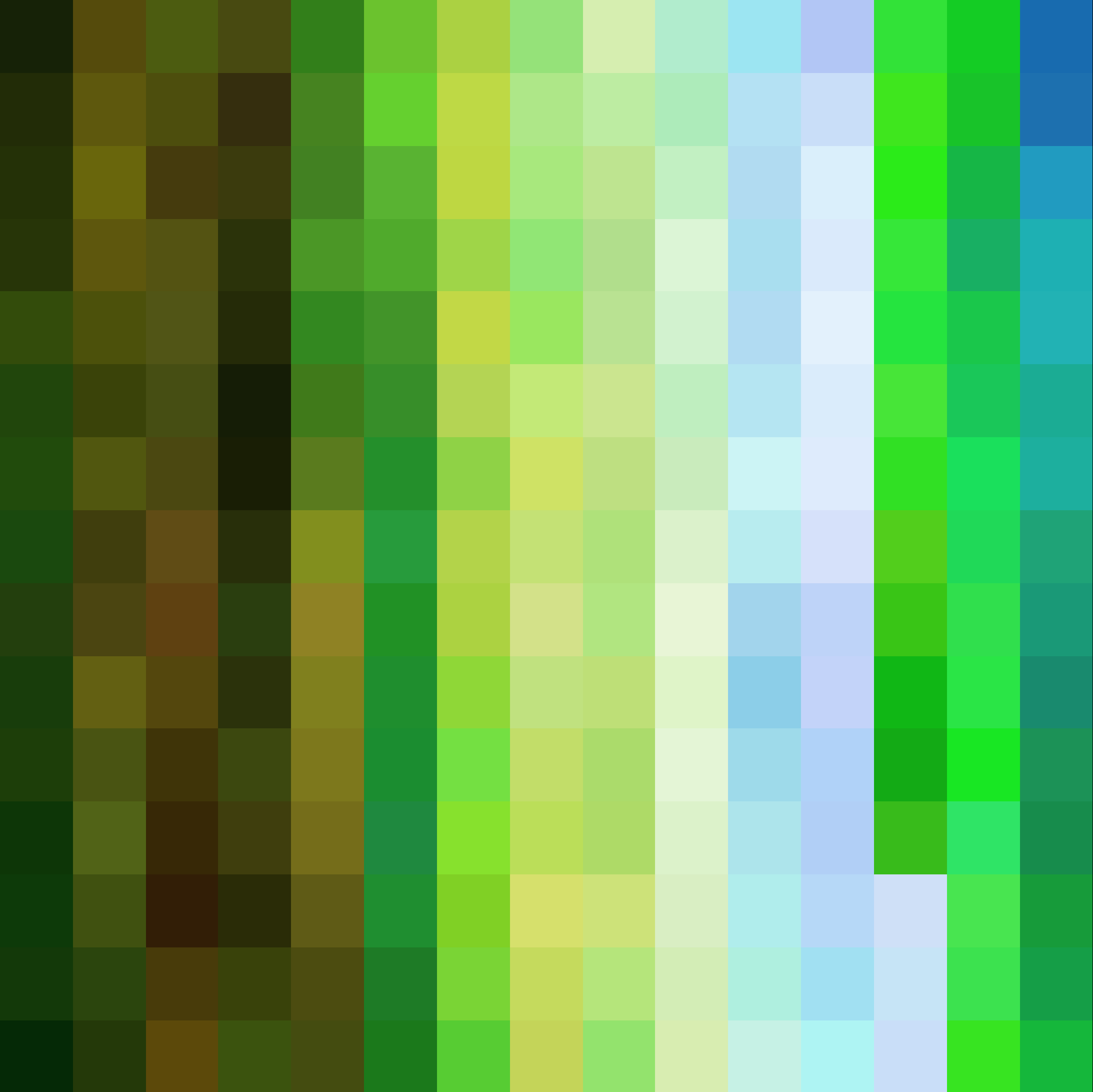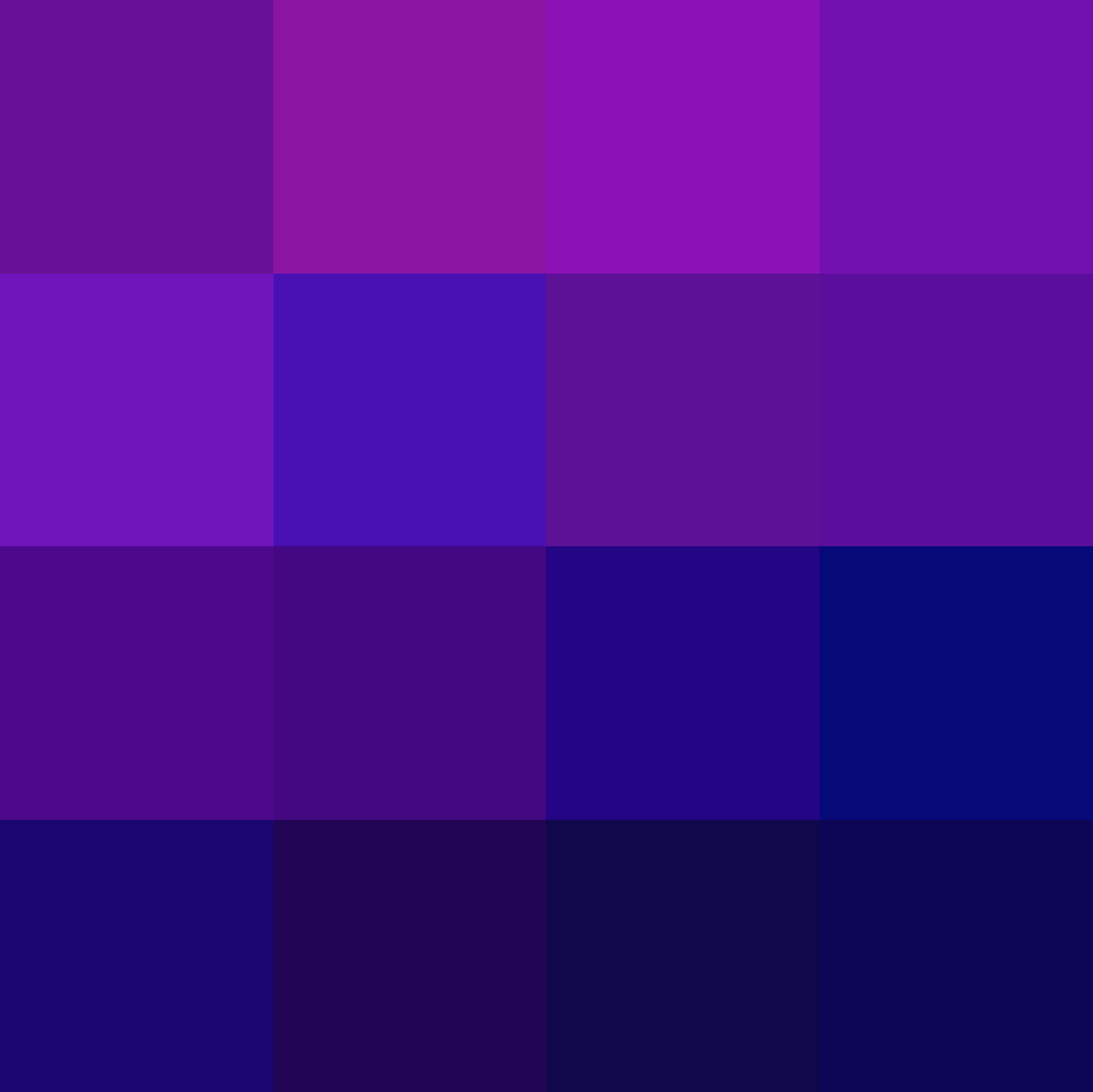
Here's an 8 by 8 pixelated grid that forms a very colourful gradient. It is mostly rose, but it also has quite some yellow, some red, some magenta, a bit of orange, a bit of lime, and a little bit of green in it.

A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, but it also has quite some red, some rose, some purple, a bit of orange, and a tiny bit of yellow in it.
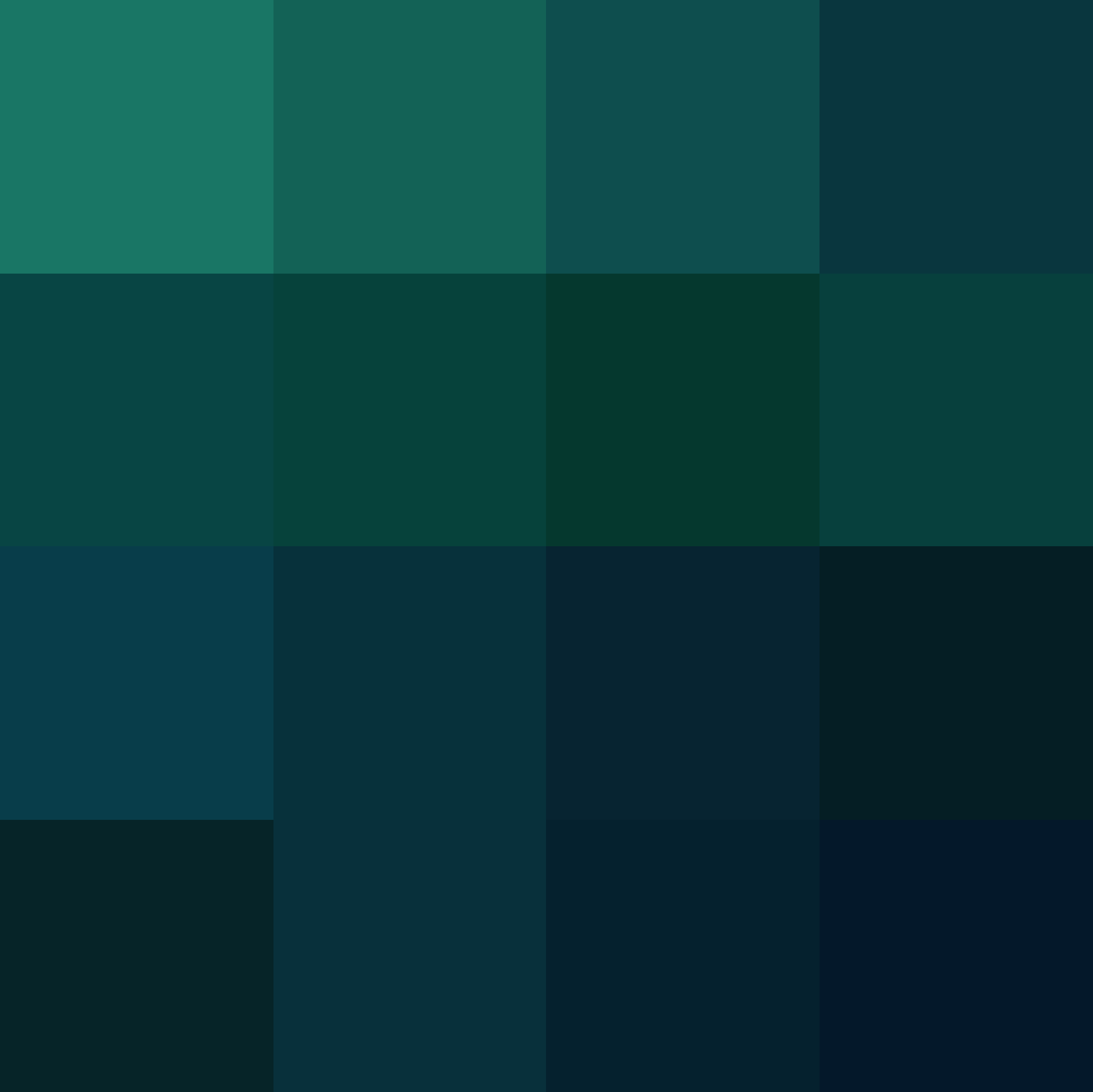
This very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly green, but it also has quite some yellow, some blue, a bit of lime, a bit of cyan, and a tiny bit of orange in it.

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

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

There's a two tone pixel gradient in this 4 by 4 grid. It is mostly cyan, and it also has some blue in it.

There's a pixel gradient in this 5 by 5 grid. It is mostly green, and it also has some yellow, some lime, and some orange in it.
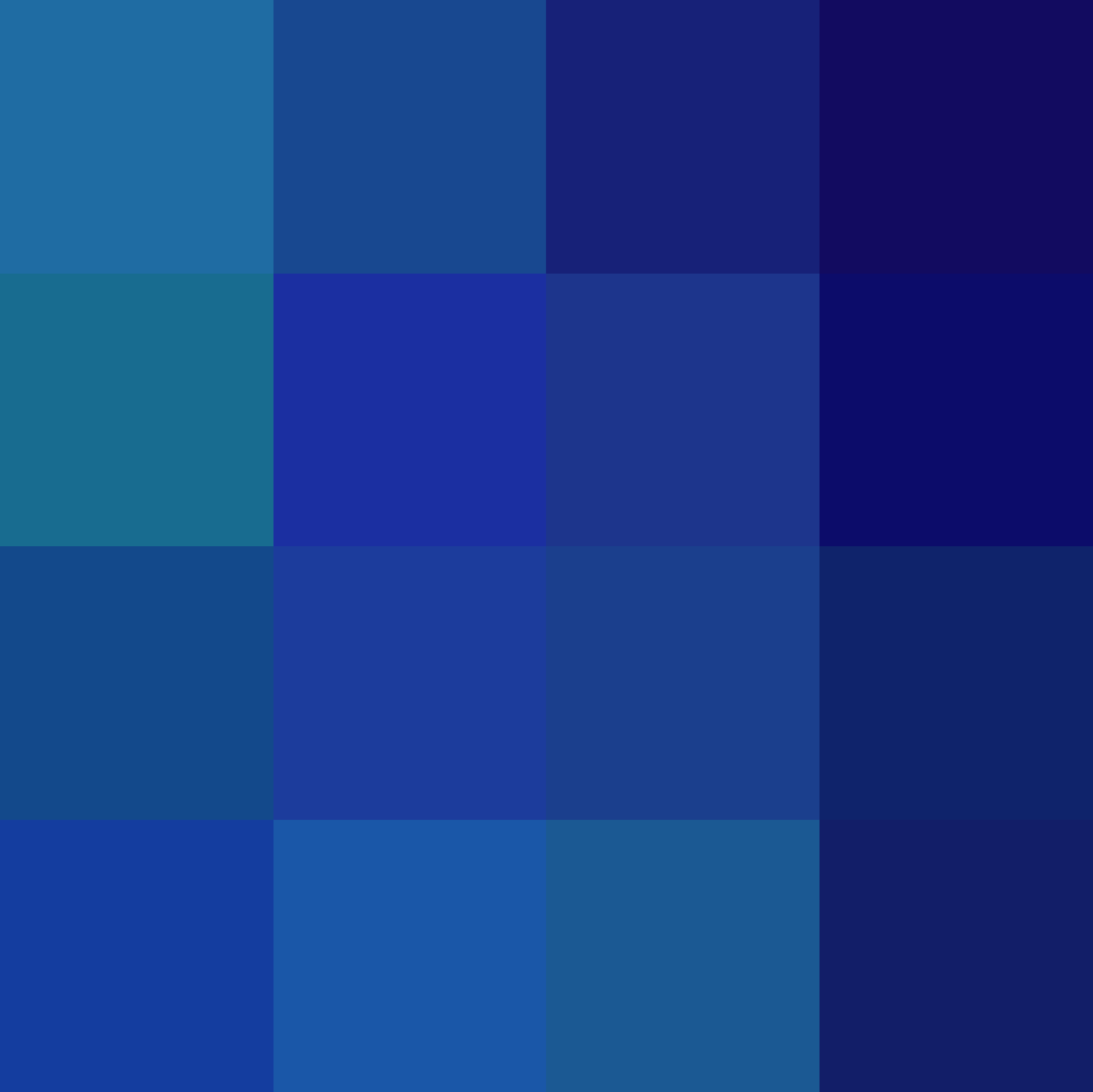
There's a very, very colourful pixel gradient in this 7 by 7 grid. It is mostly indigo, and it also has quite some green, some cyan, some rose, a little bit of magenta, a little bit of violet, a little bit of blue, and a little bit of purple in it.
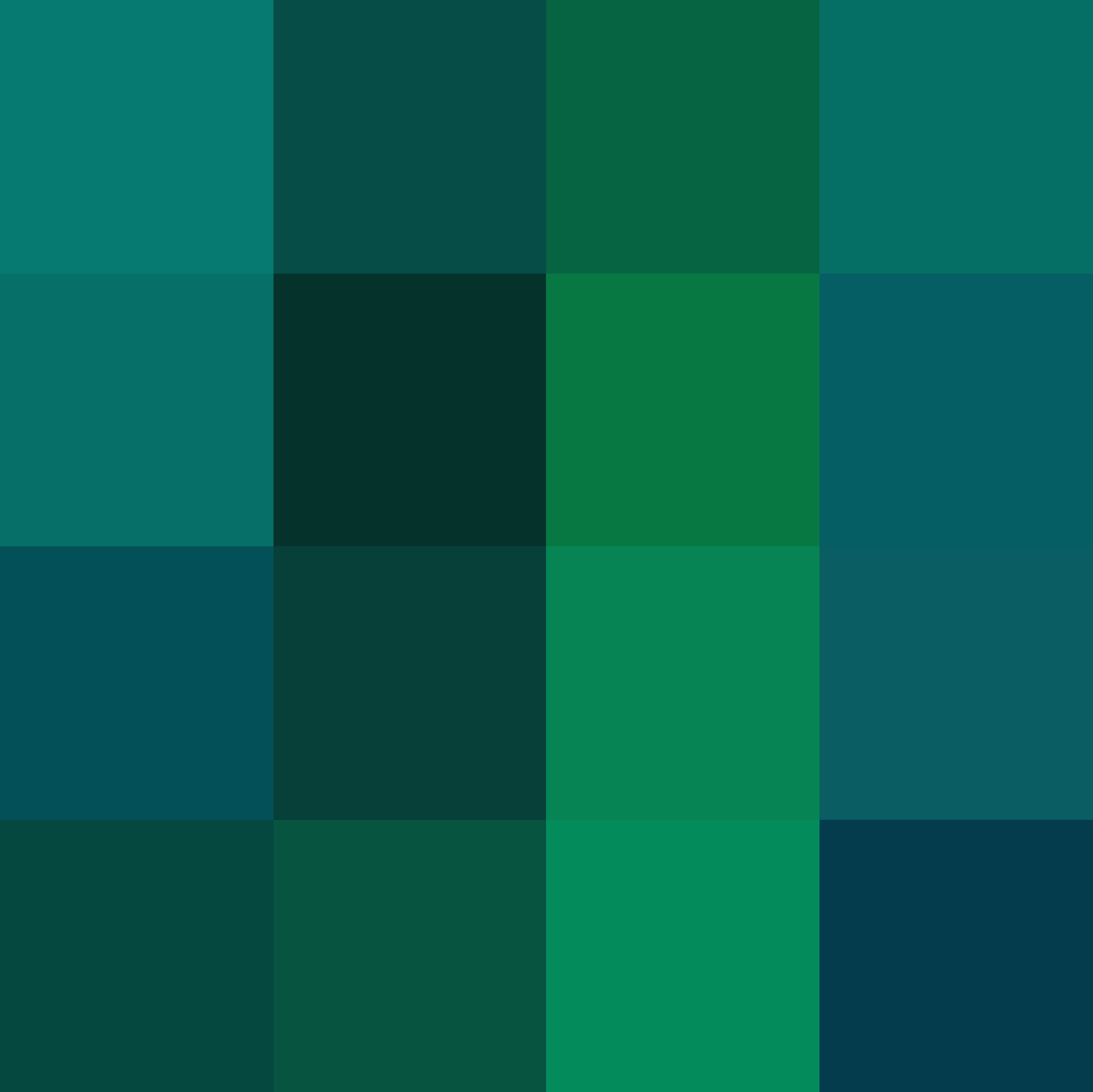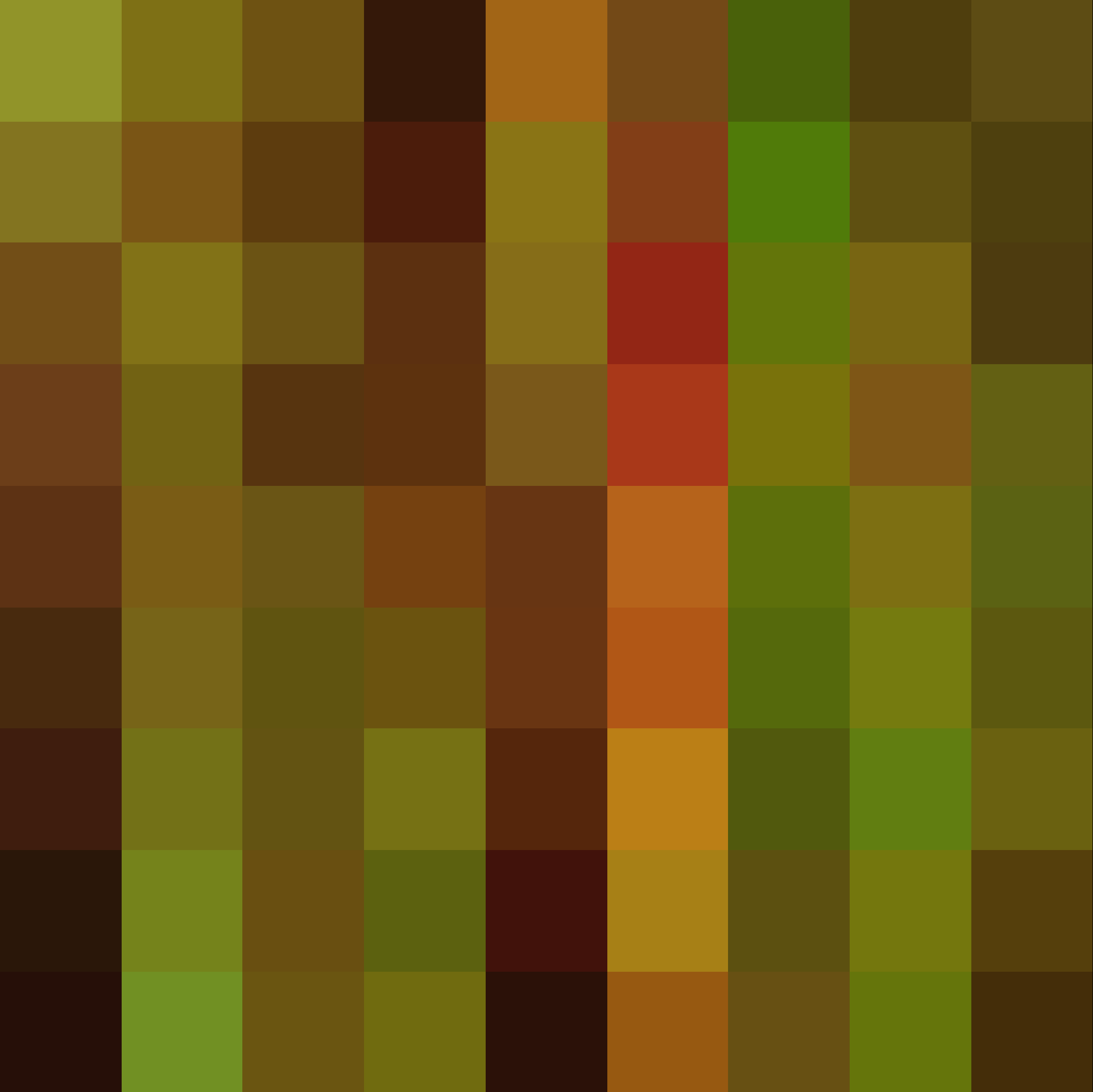
This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly magenta, but it also has quite some rose, quite some red, some green, a little bit of indigo, a tiny bit of violet, and a tiny bit of purple in it.
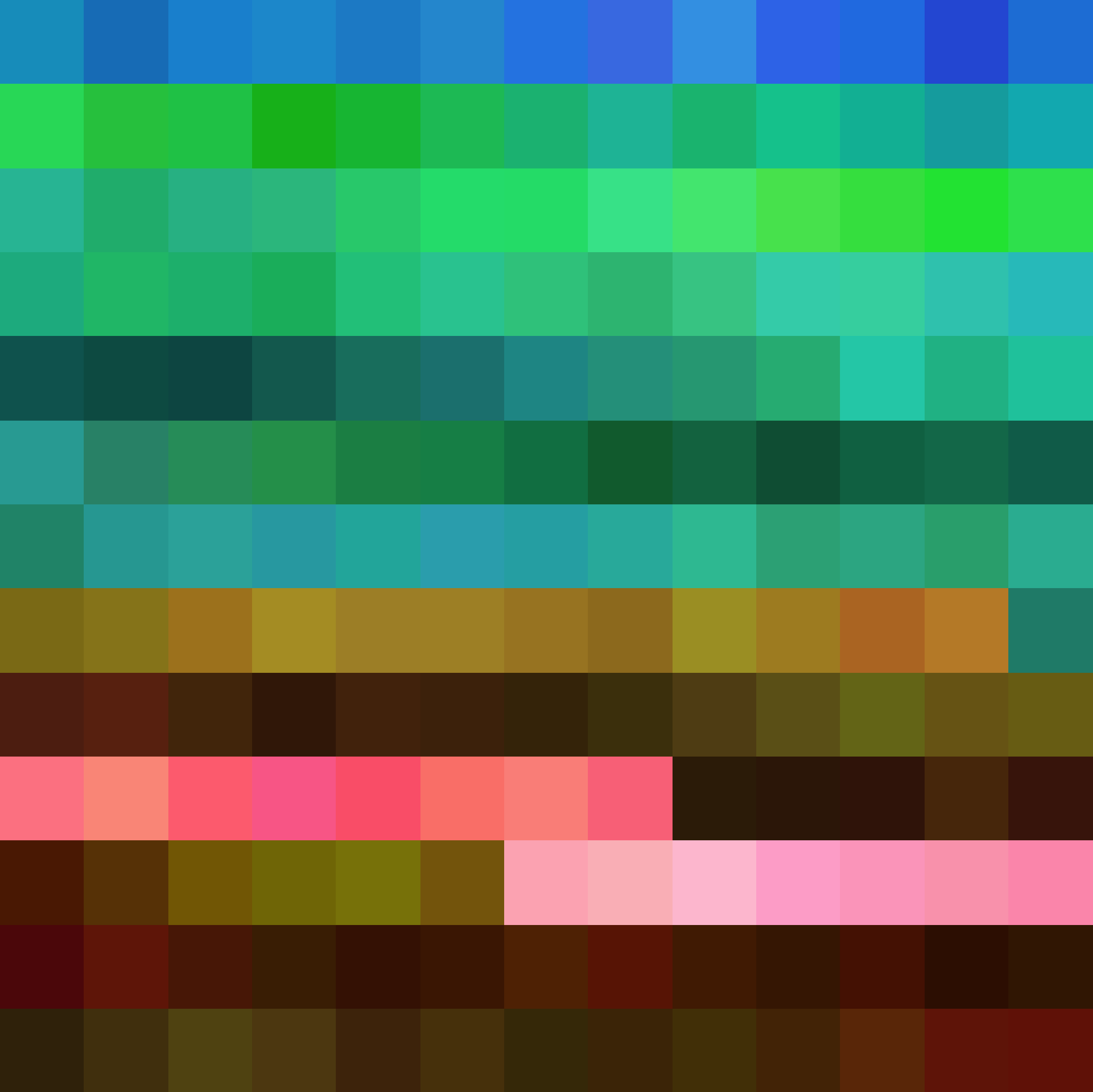
The cells in this 4 by 4 pixel grid form a two tone gradient. It is mostly blue, but it also has a little bit of indigo in it.
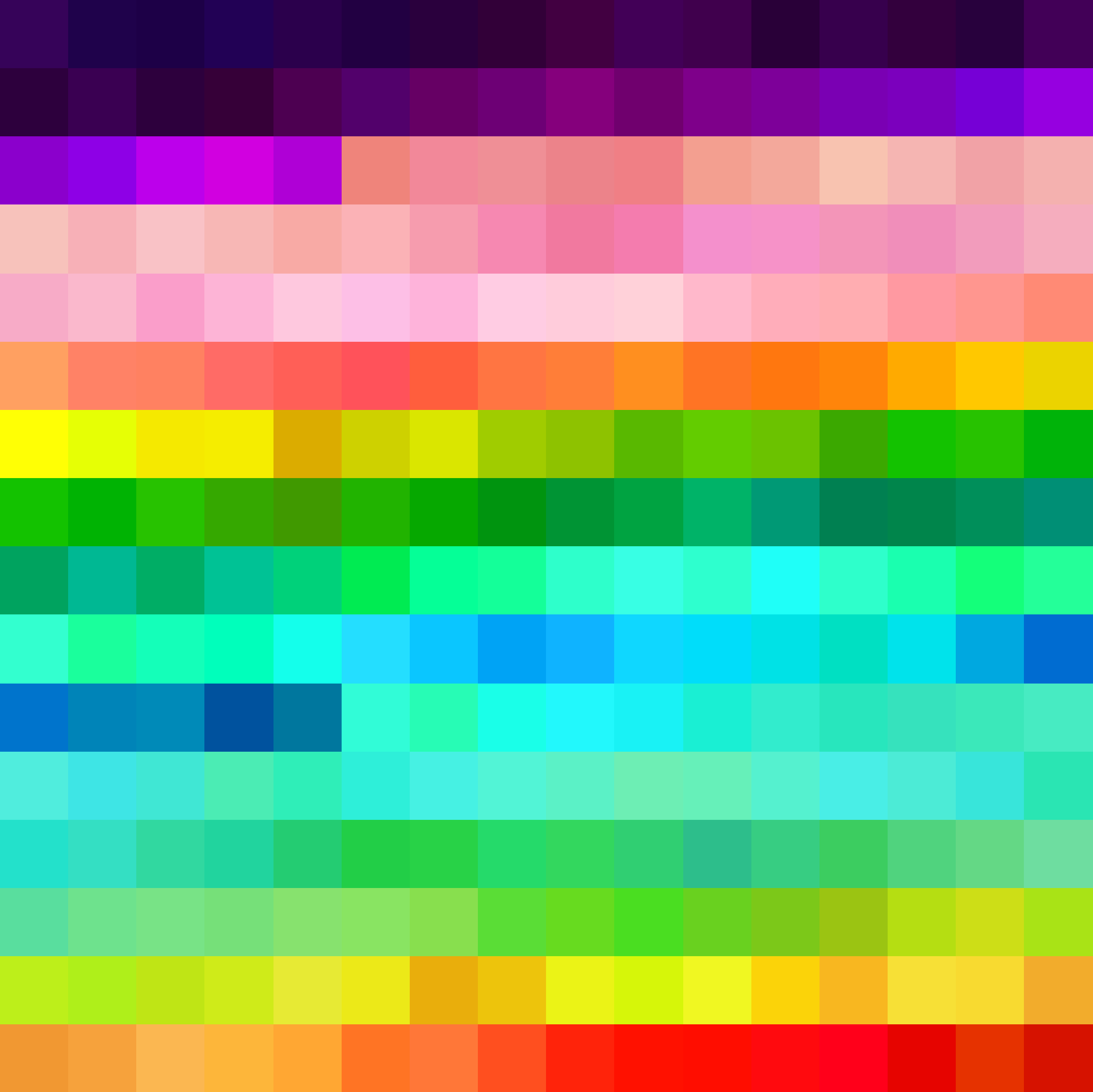
Here's a 4 by 4 pixelated grid that forms a gradient. It is mostly cyan, but it also has quite some green, and a little bit of blue in it.

The colourful gradient in this 9 by 9 pixel grid is mostly orange, and it also has quite some yellow, a little bit of lime, a little bit of red, and a tiny bit of green in it.

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

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

This pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, but it also has quite some magenta, quite some orange, and some indigo in it.
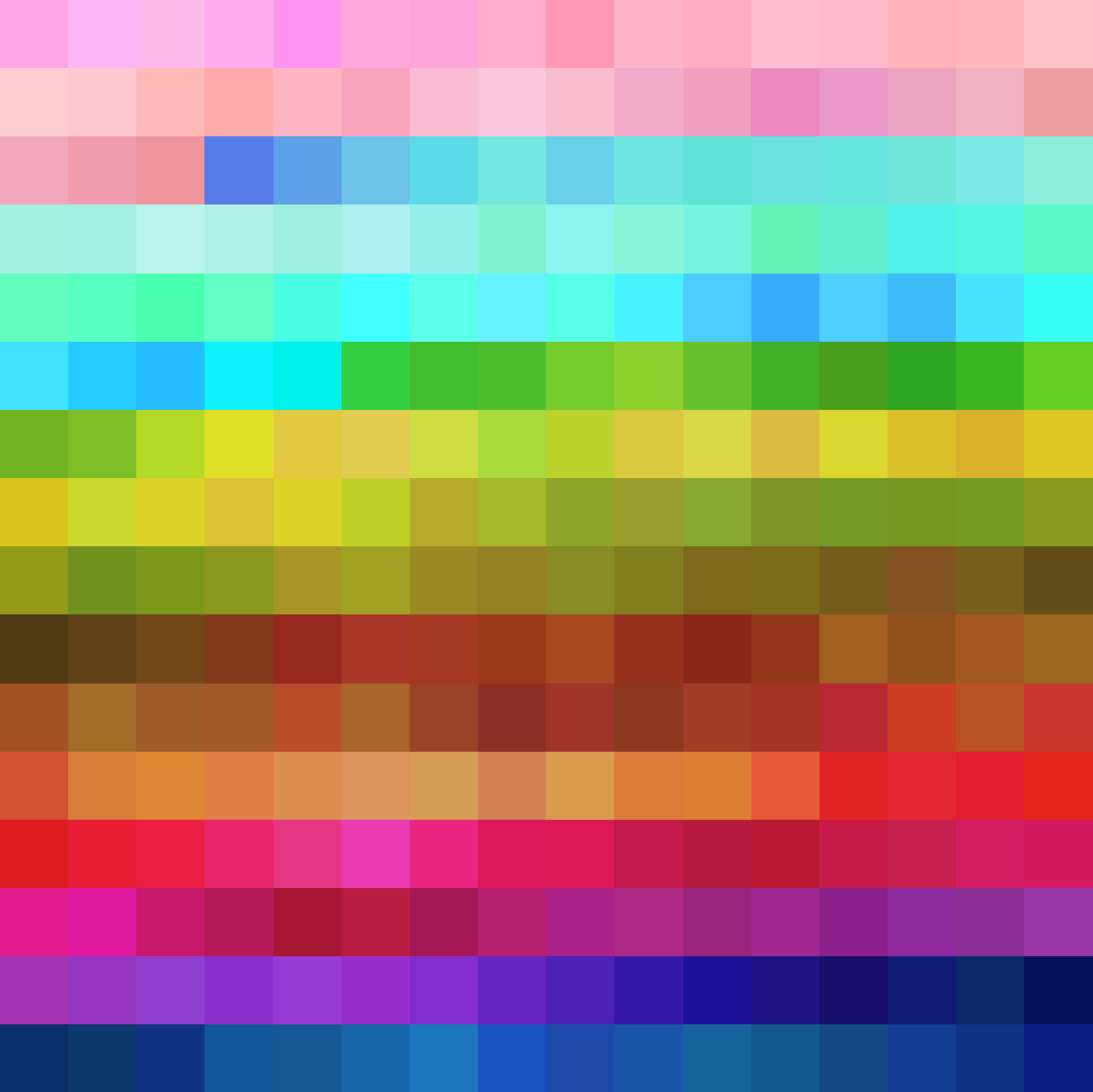
This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly green, but it also has quite some blue, some cyan, a bit of rose, a little bit of magenta, a little bit of yellow, and a tiny bit of lime in it.
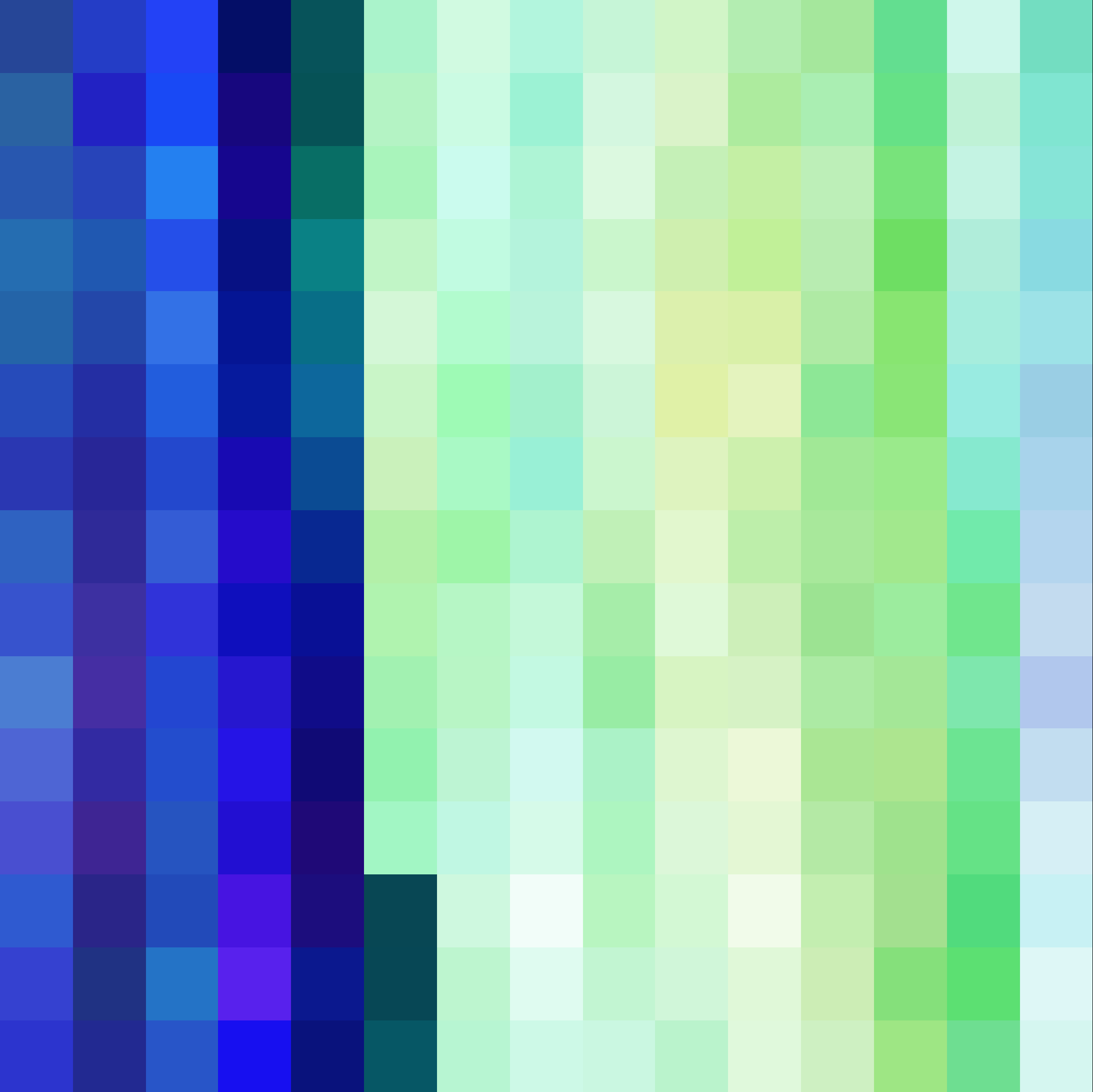
This colourful gradient, generated in this 10 by 10 pixel grid, is mostly magenta, but it also has some rose, some purple, a little bit of red, and a tiny bit of violet in it.

A very, very colourful grid of 256 blocks. It's mostly red, and it also has some cyan, some yellow, some orange, a bit of green, a little bit of rose, a little bit of lime, a little bit of blue, and a little bit of magenta in it.
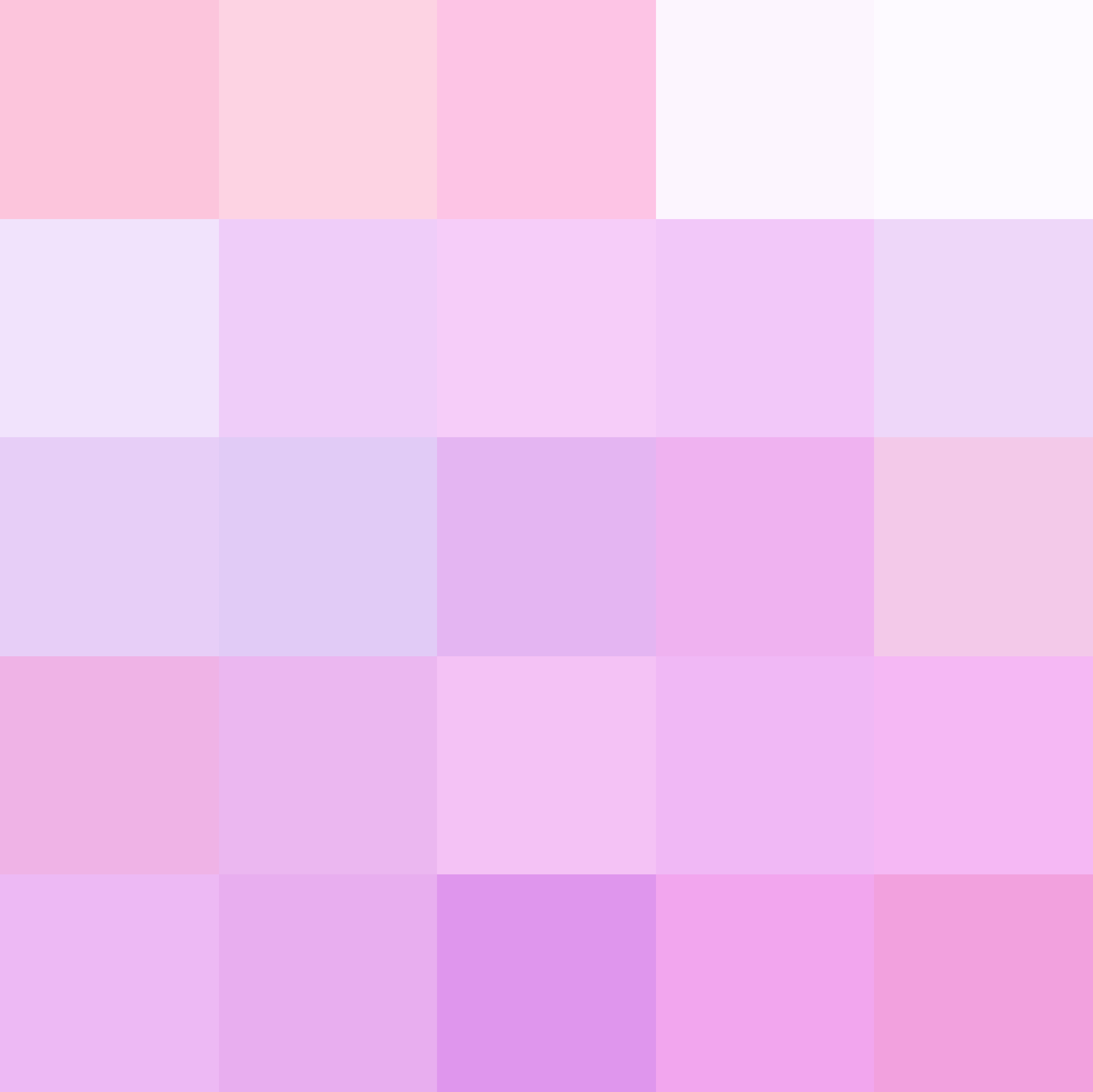
There's a colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has quite some blue, a bit of cyan, a bit of indigo, and a tiny bit of lime in it.

A grid with 64 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some rose, some magenta, some purple, a bit of red, a little bit of violet, and a little bit of cyan in it.
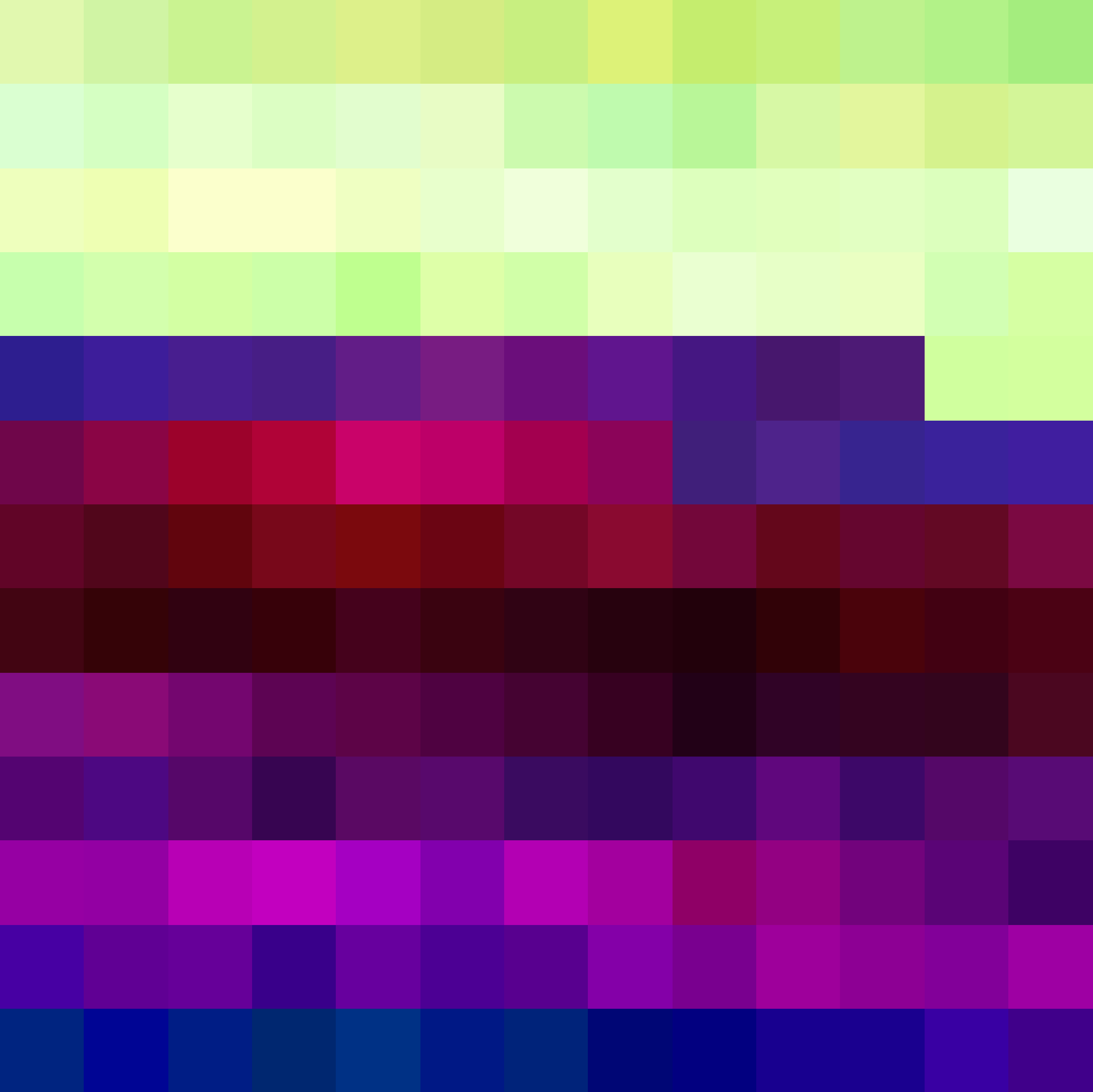
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly blue, but it also has quite some cyan, and some green in it.

A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has quite some purple, and a bit of rose in it.
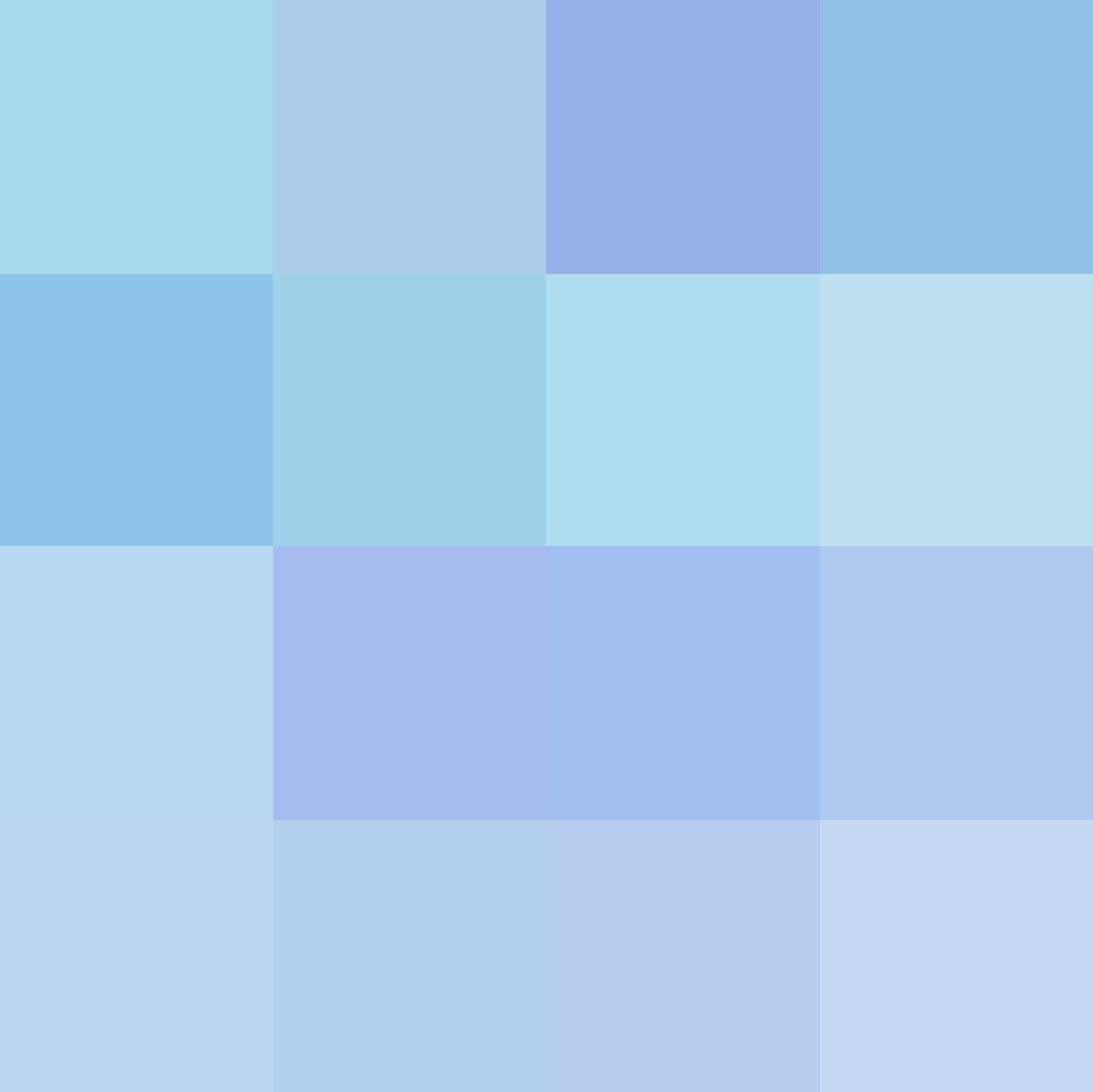
A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly green, and it also has some cyan, a bit of yellow, a little bit of lime, and a tiny bit of blue in it.
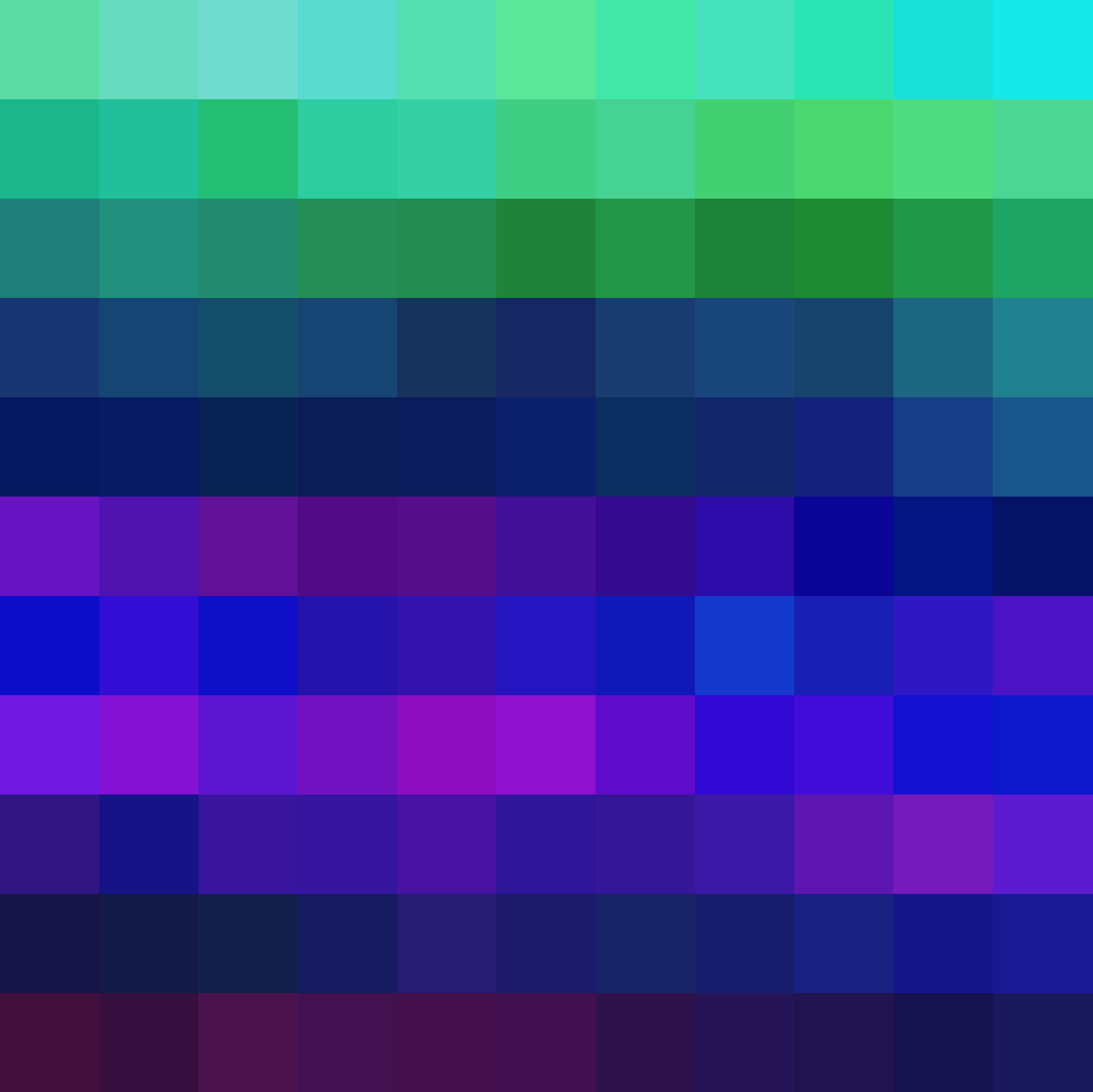
A 13 by 13 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly green, and it also has some purple, some magenta, some rose, a bit of red, a little bit of lime, a little bit of violet, a little bit of indigo, a little bit of blue, and a tiny bit of yellow in it.
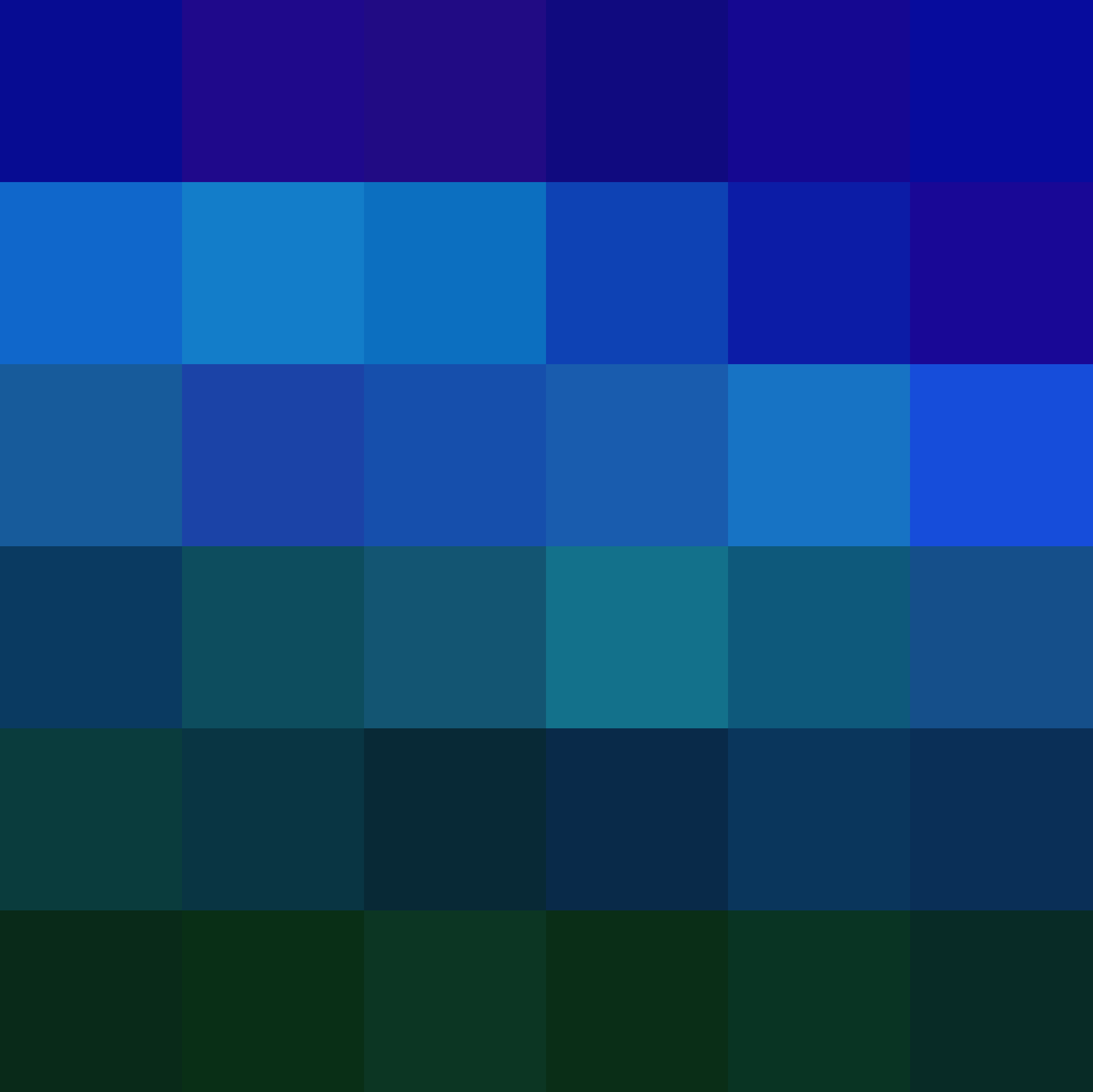
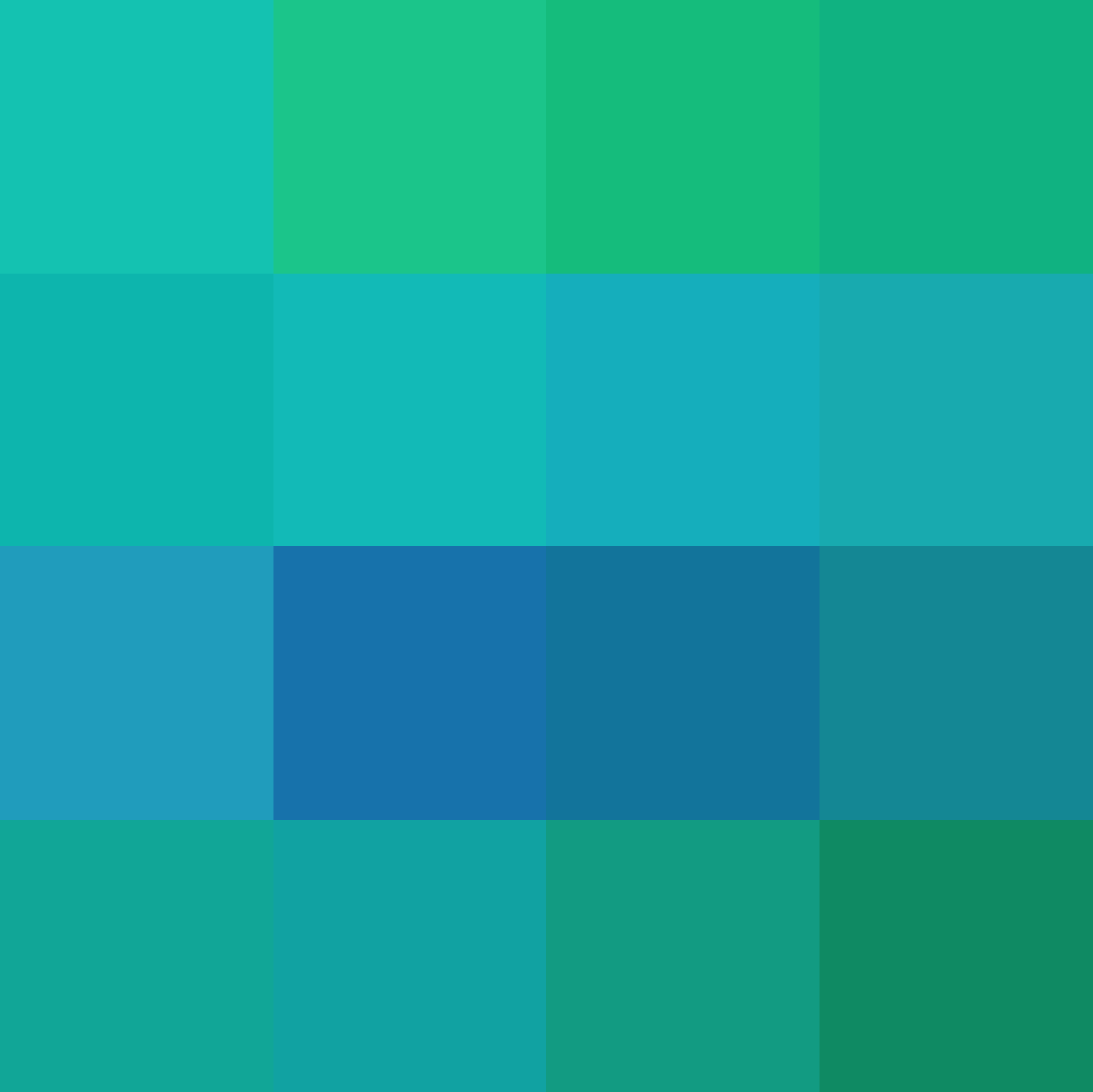There's a monochrome pixel gradient in this 4 by 4 grid. It is blue.

A very colourful grid of 121 blocks. It's mostly blue, but it also has quite some indigo, some green, some purple, a bit of cyan, a bit of violet, and a tiny bit of magenta in it.
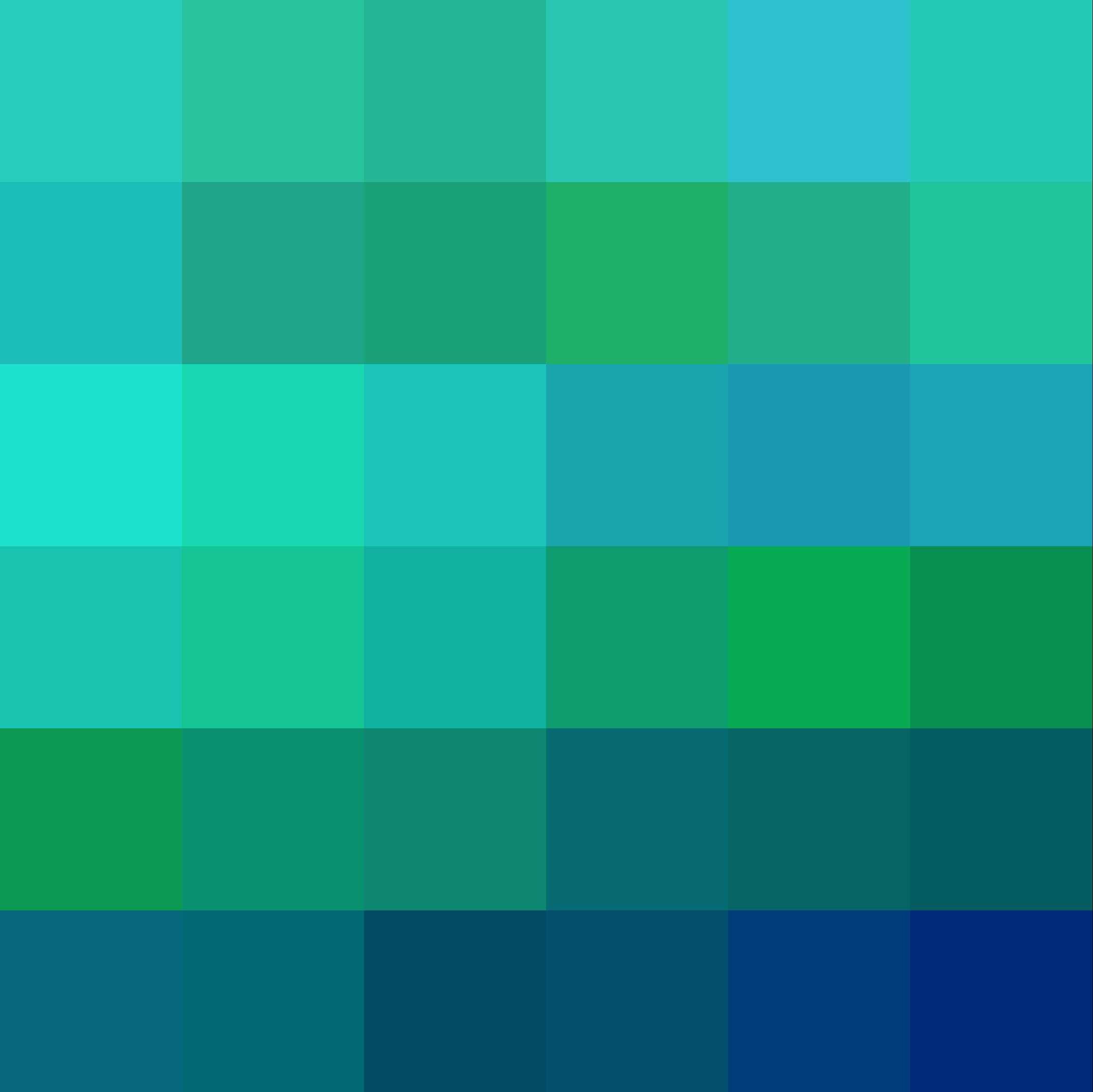
A 6 by 6 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has quite some orange in it.
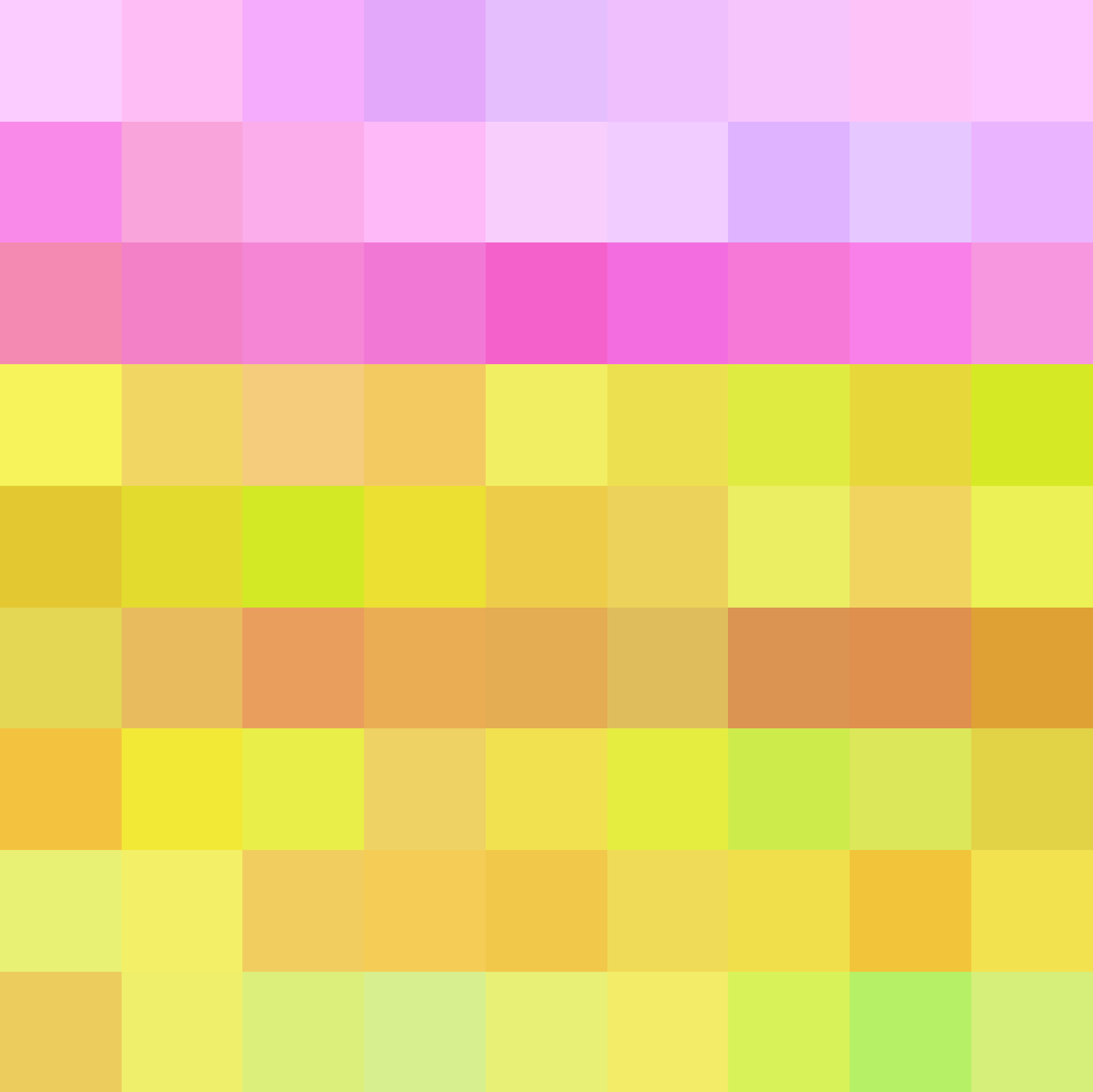
There's a pixel gradient in this 6 by 6 grid. It is mostly blue, but it also has some indigo, some green, and some cyan in it.
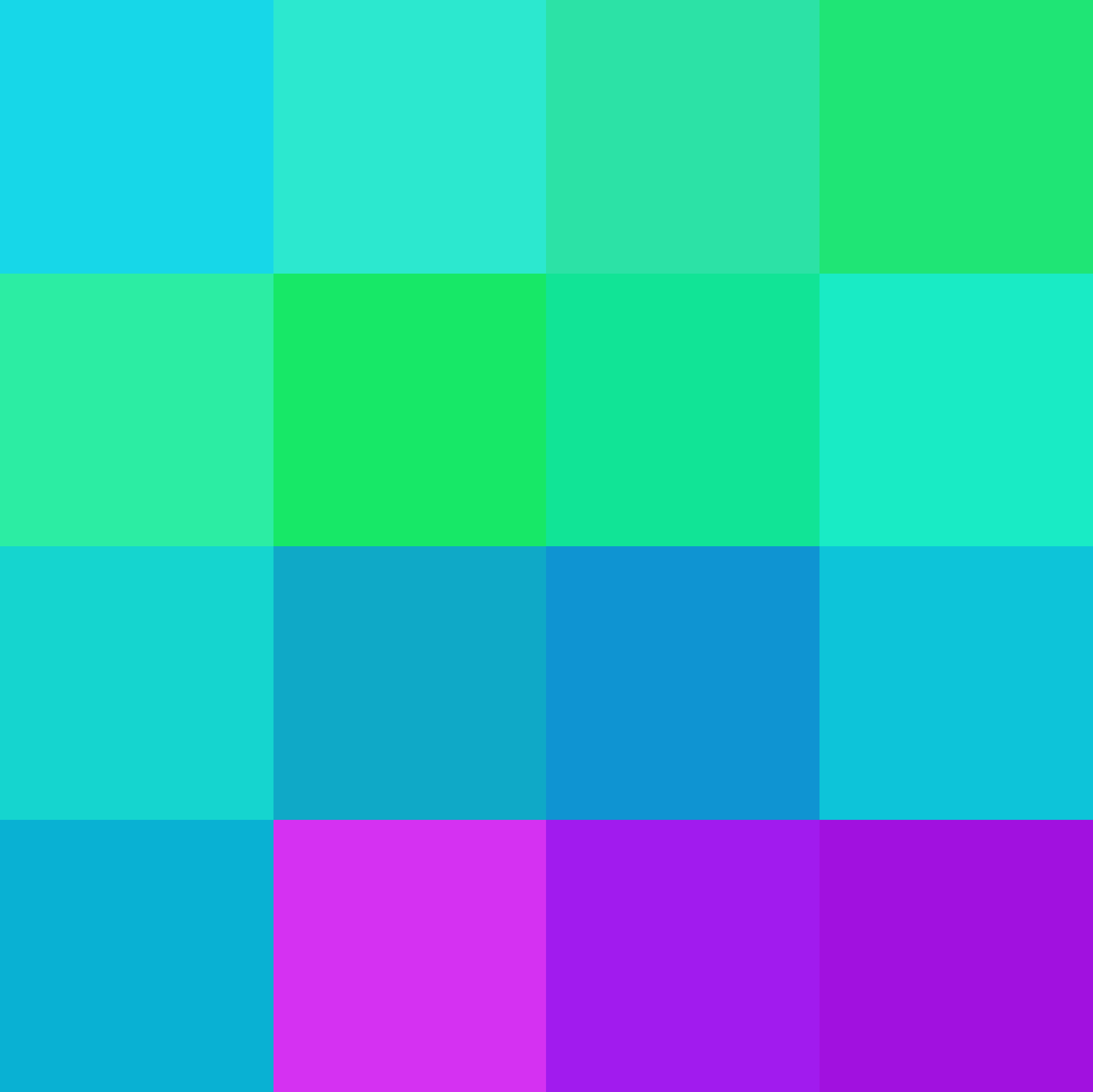
This pixel gradient—it is 4 cells wide, 4 cells high—is mostly cyan, and it also has quite some green, and some blue in it.

A grid of 36 blocks. It's mostly cyan, but it also has some green, and some blue in it.
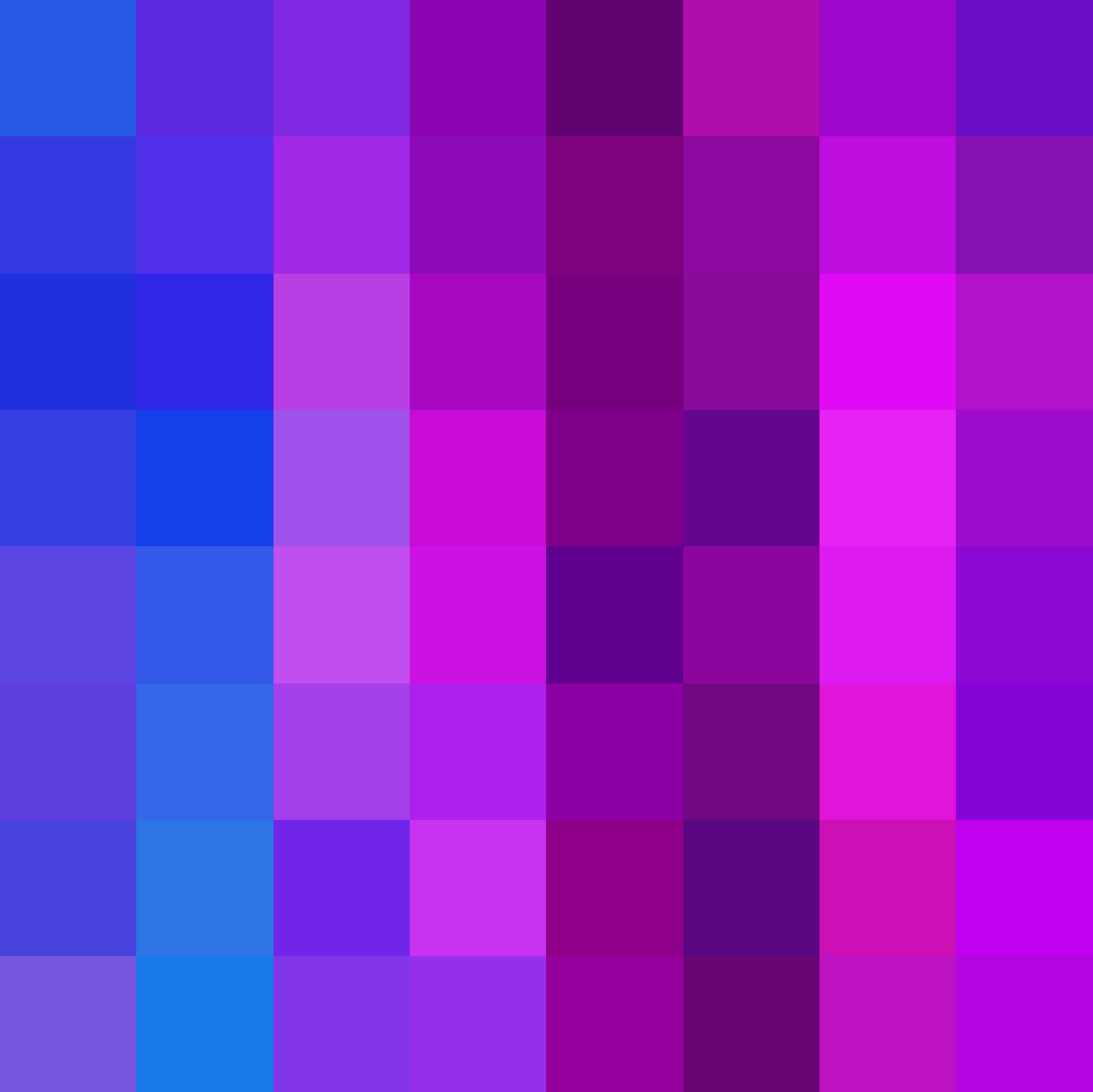
A 9 by 9 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly yellow, and it also has quite some magenta, some orange, a bit of purple, a little bit of lime, a tiny bit of rose, and a tiny bit of green in it.

The cells in this 4 by 4 pixel grid form a gradient. It is mostly cyan, and it also has quite some green, some purple, and a little bit of blue in it.
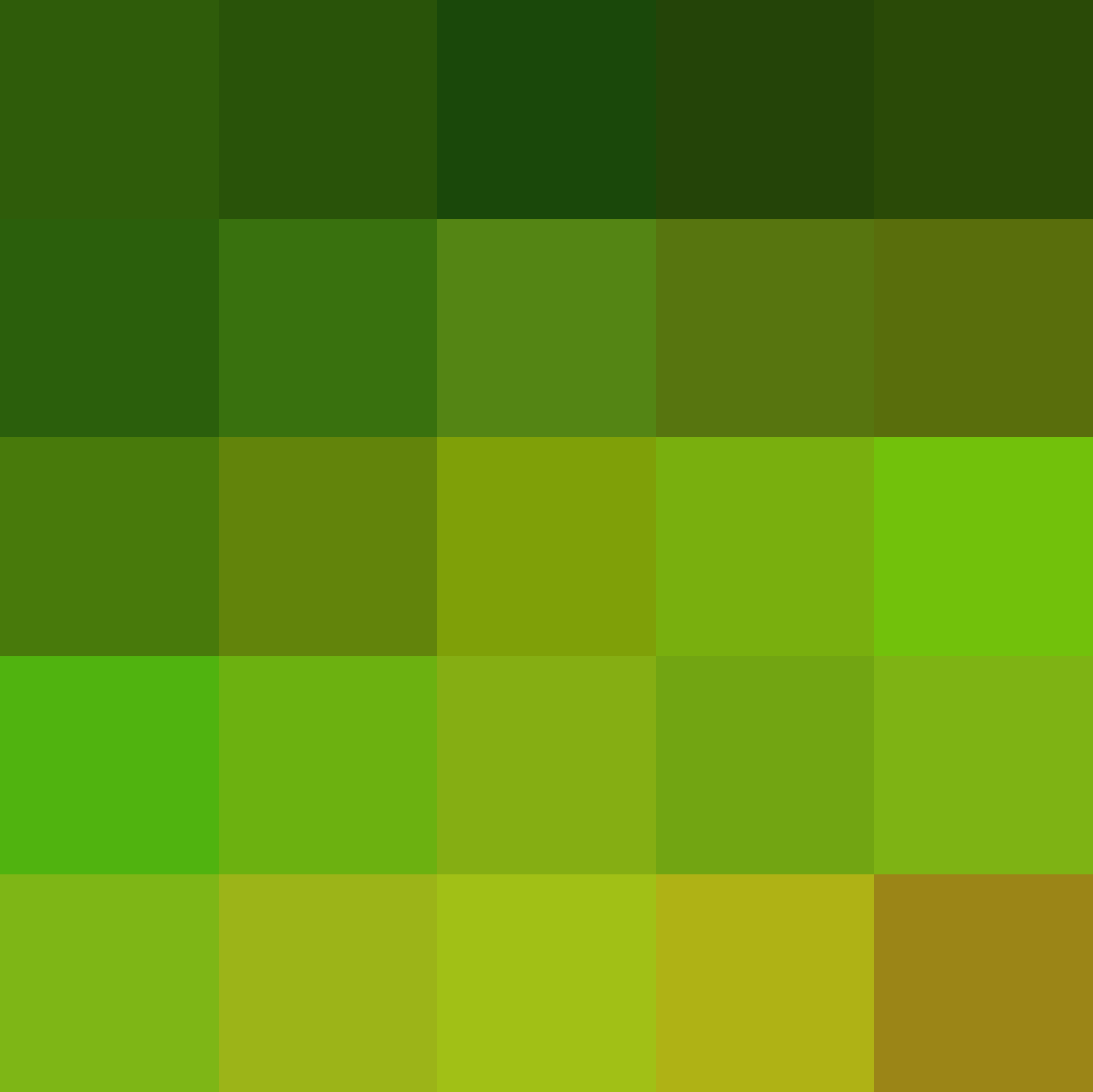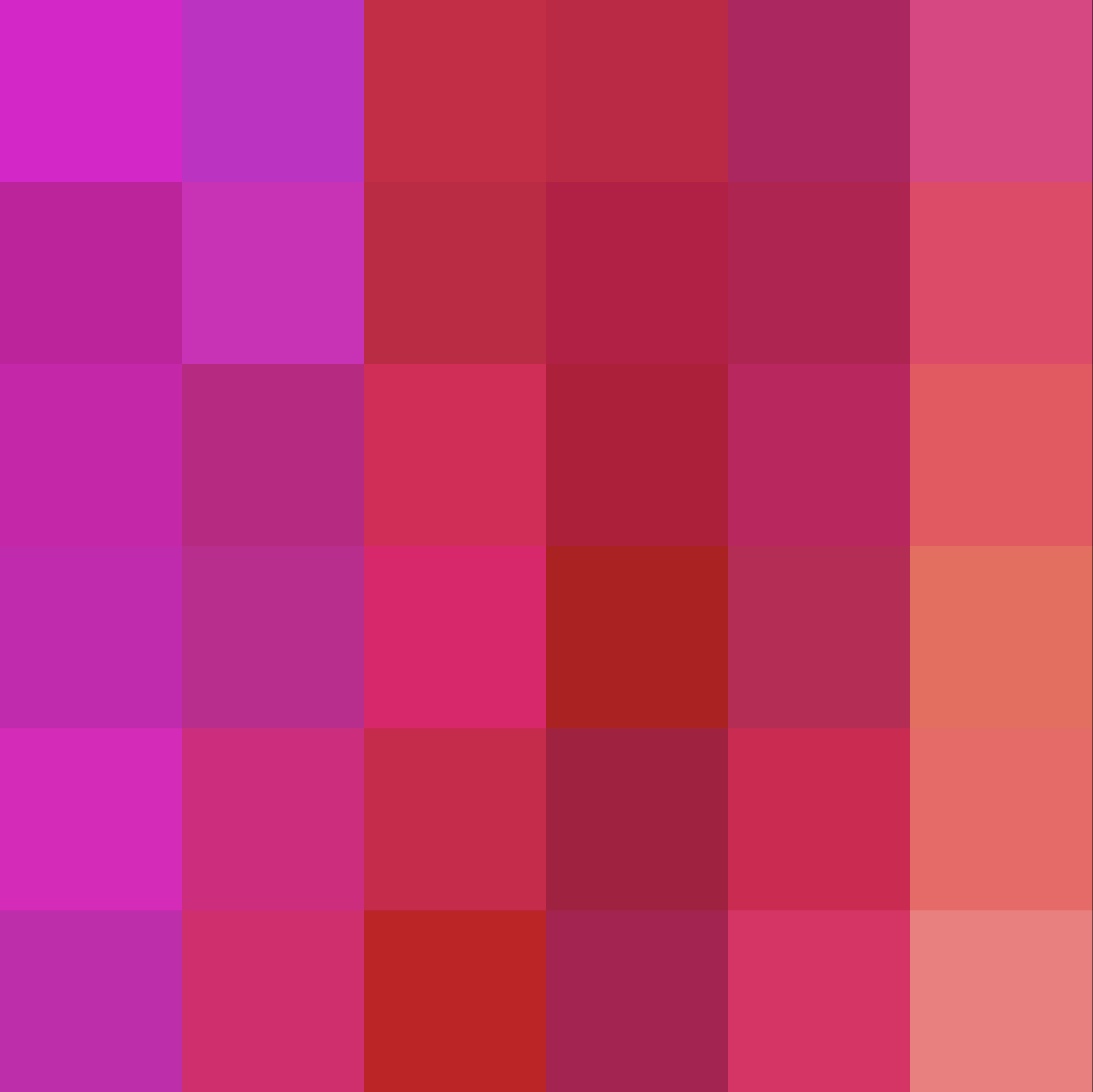
This colourful gradient, generated in this 8 by 8 pixel grid, is mostly purple, and it also has quite some magenta, some blue, some indigo, and a bit of violet in it.
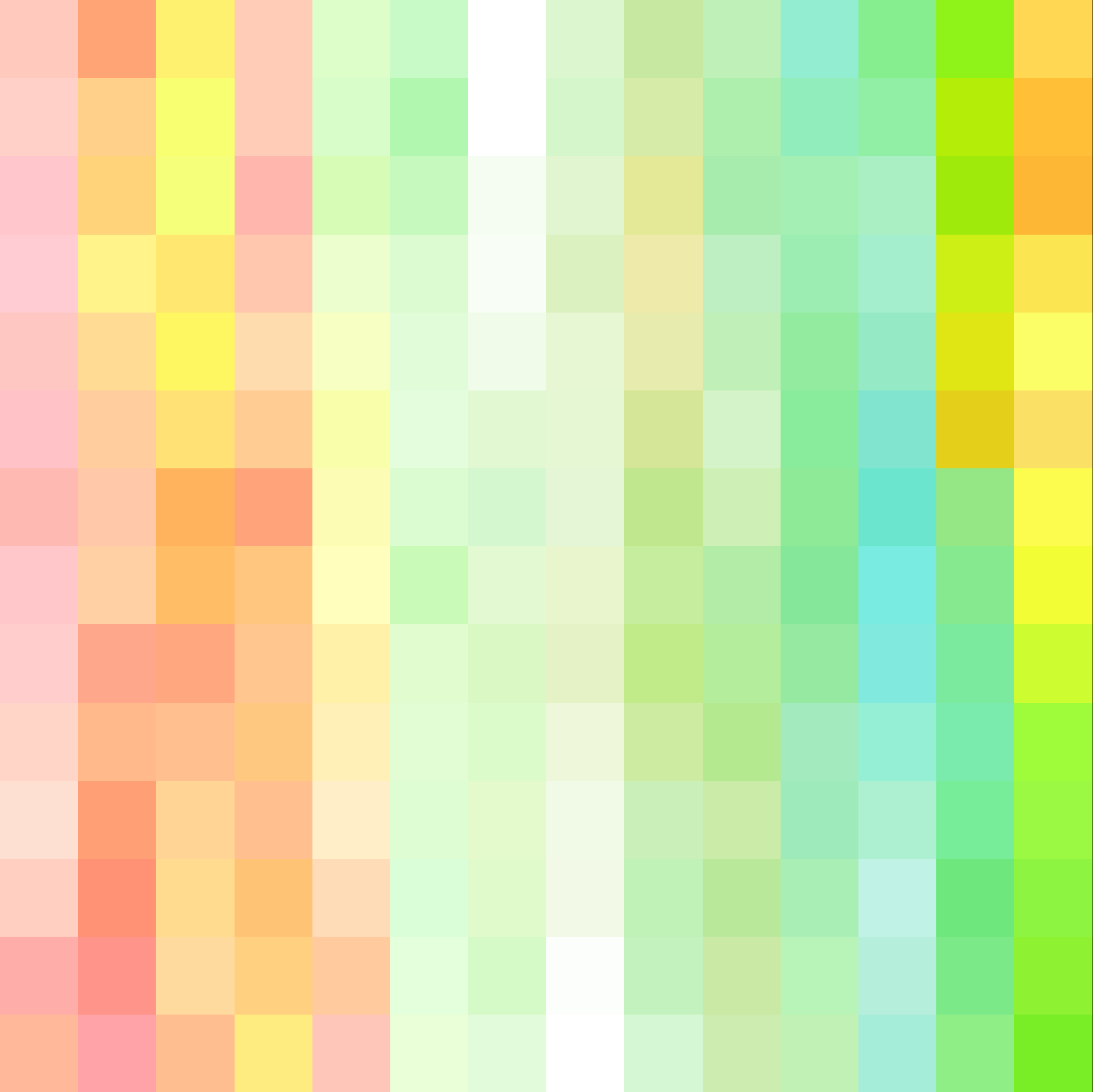
The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly green, and it also has some yellow, some orange, a bit of magenta, a bit of rose, a bit of red, a little bit of purple, a little bit of lime, and a tiny bit of violet in it.
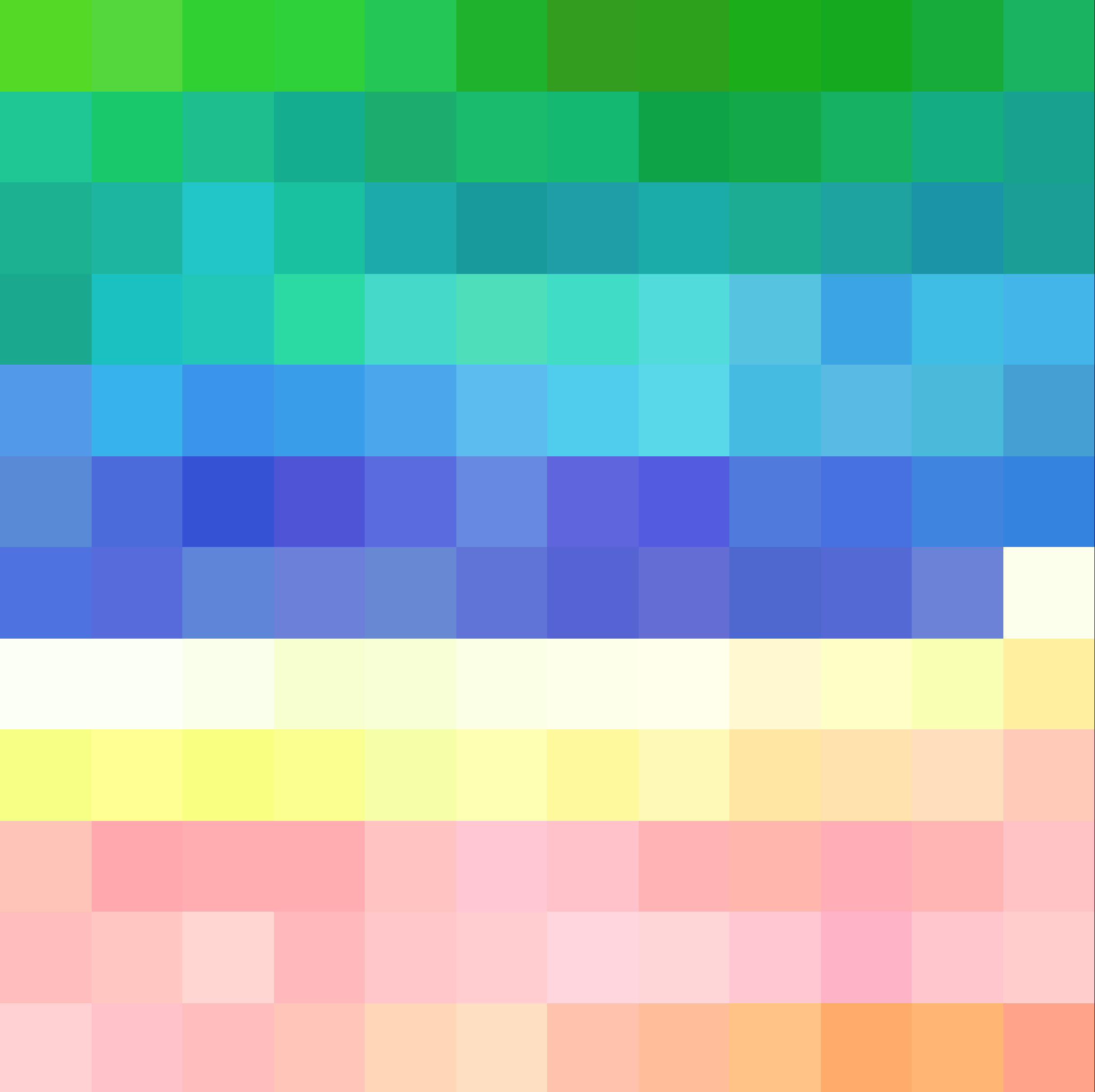
A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some lime, and some yellow in it.

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

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

A grid with 144 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some red, some cyan, some green, a bit of yellow, a bit of orange, and a little bit of lime in it.
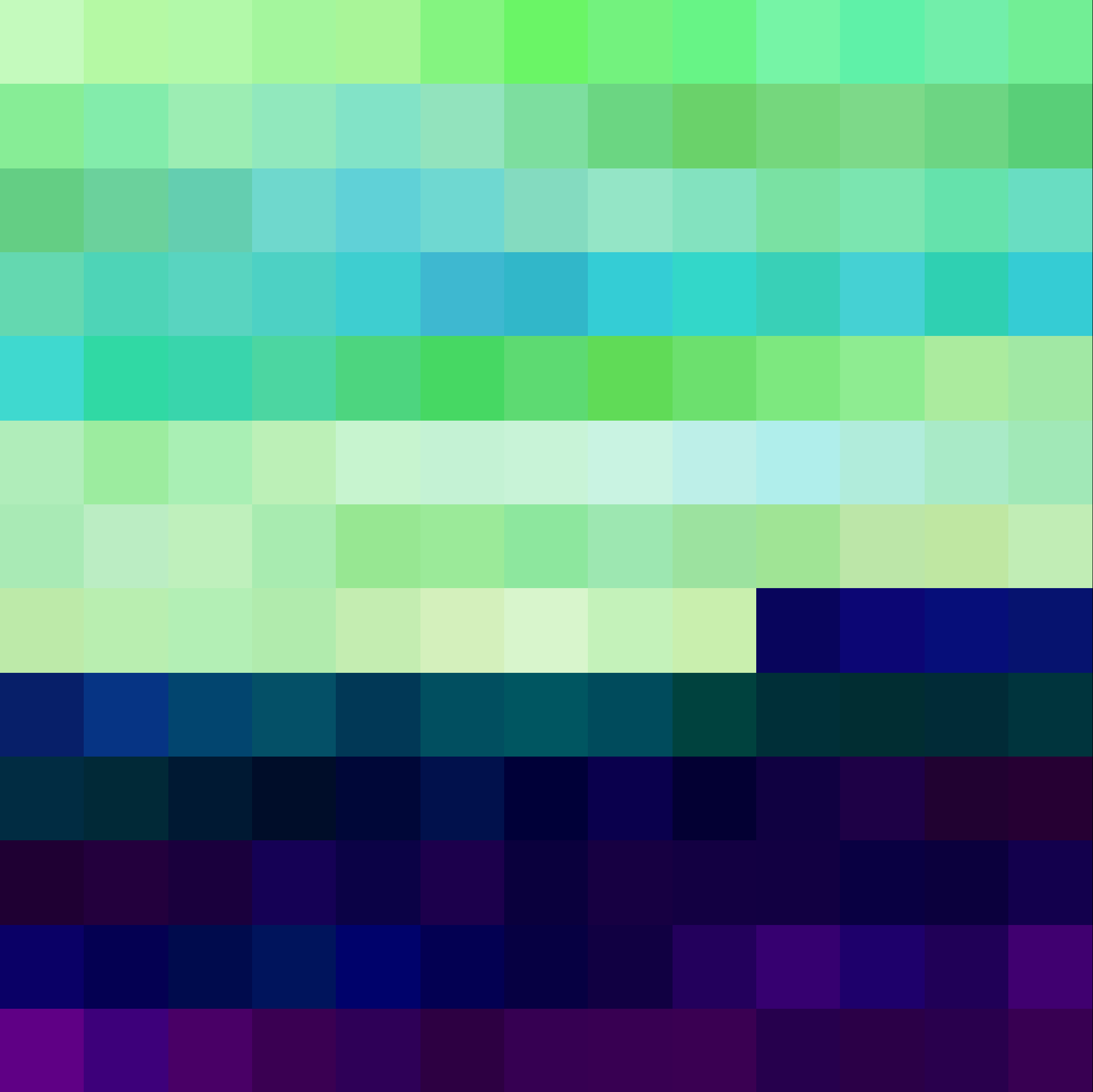
The gradient in this 8 by 8 pixel grid is mostly orange, and it also has quite some rose, quite some yellow, and quite some red in it.

This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly orange, but it also has quite some red, quite some magenta, some yellow, some rose, and a tiny bit of green in it.
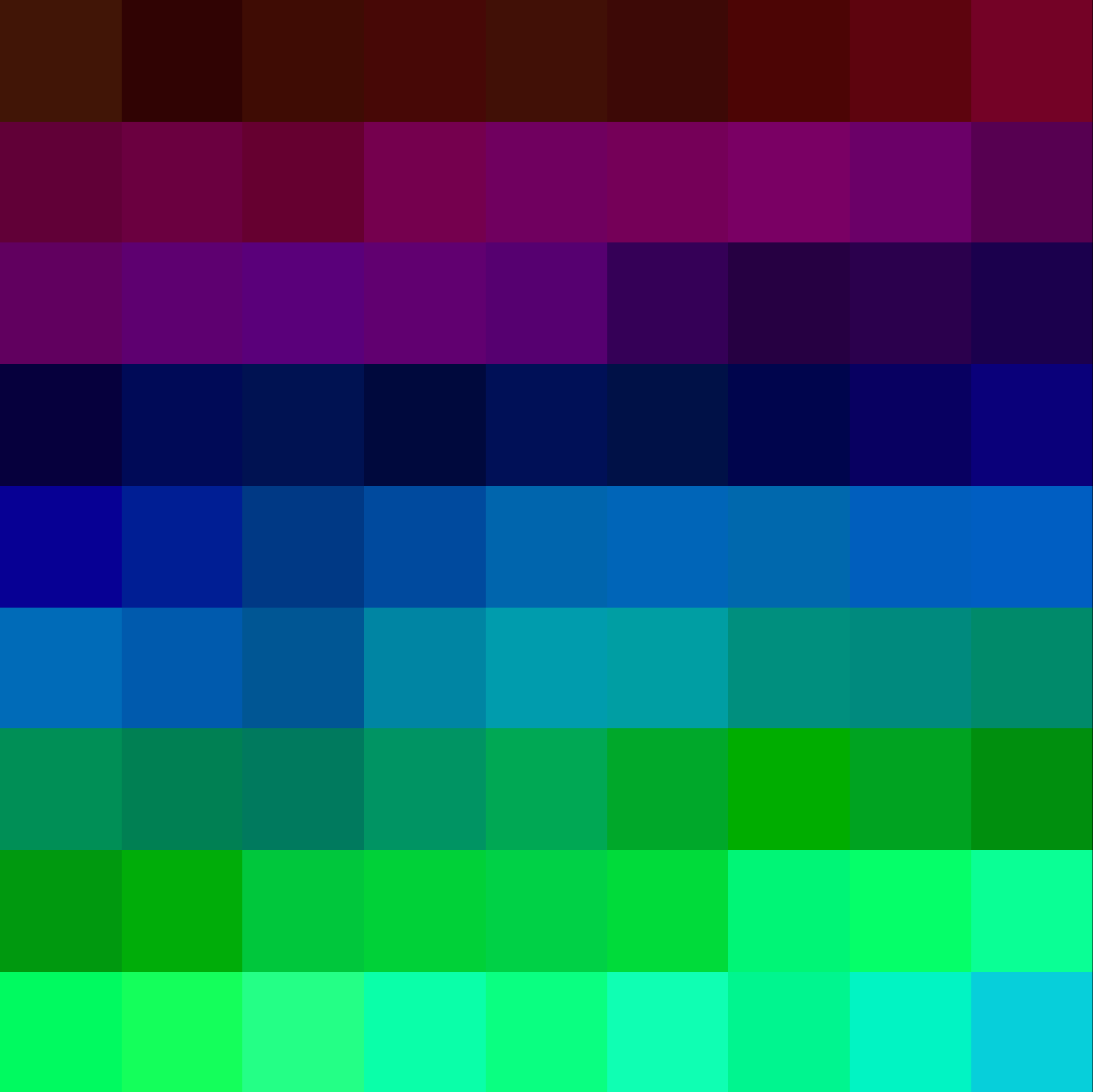
A very colourful grid of 169 blocks. It's mostly green, and it also has some cyan, some indigo, a bit of blue, a bit of purple, and a little bit of violet in it.

The cells in this 6 by 6 pixel grid form a gradient.
It is mostly orange, and it also has a lot of red,
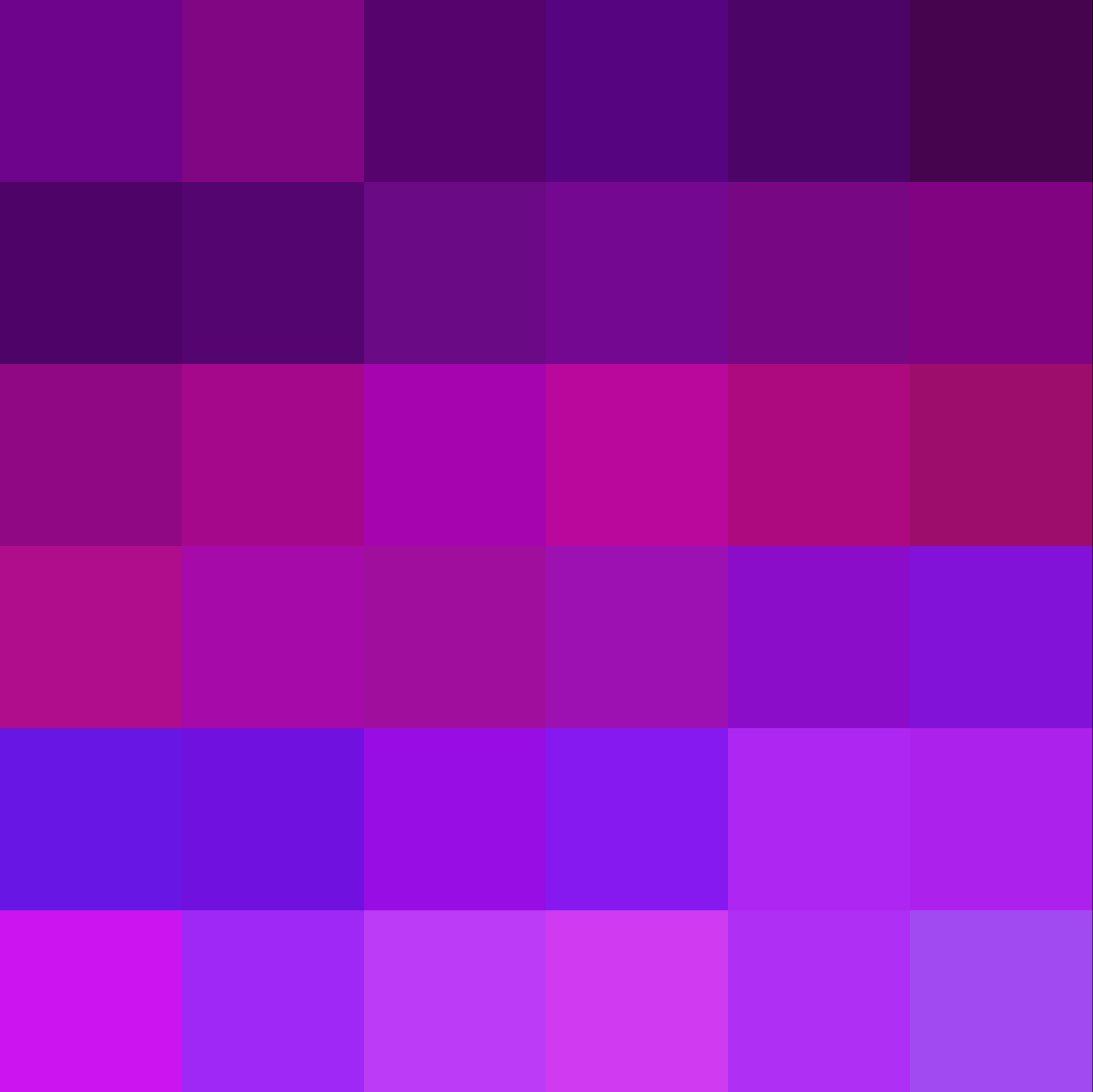and a little bit of yellow in it.

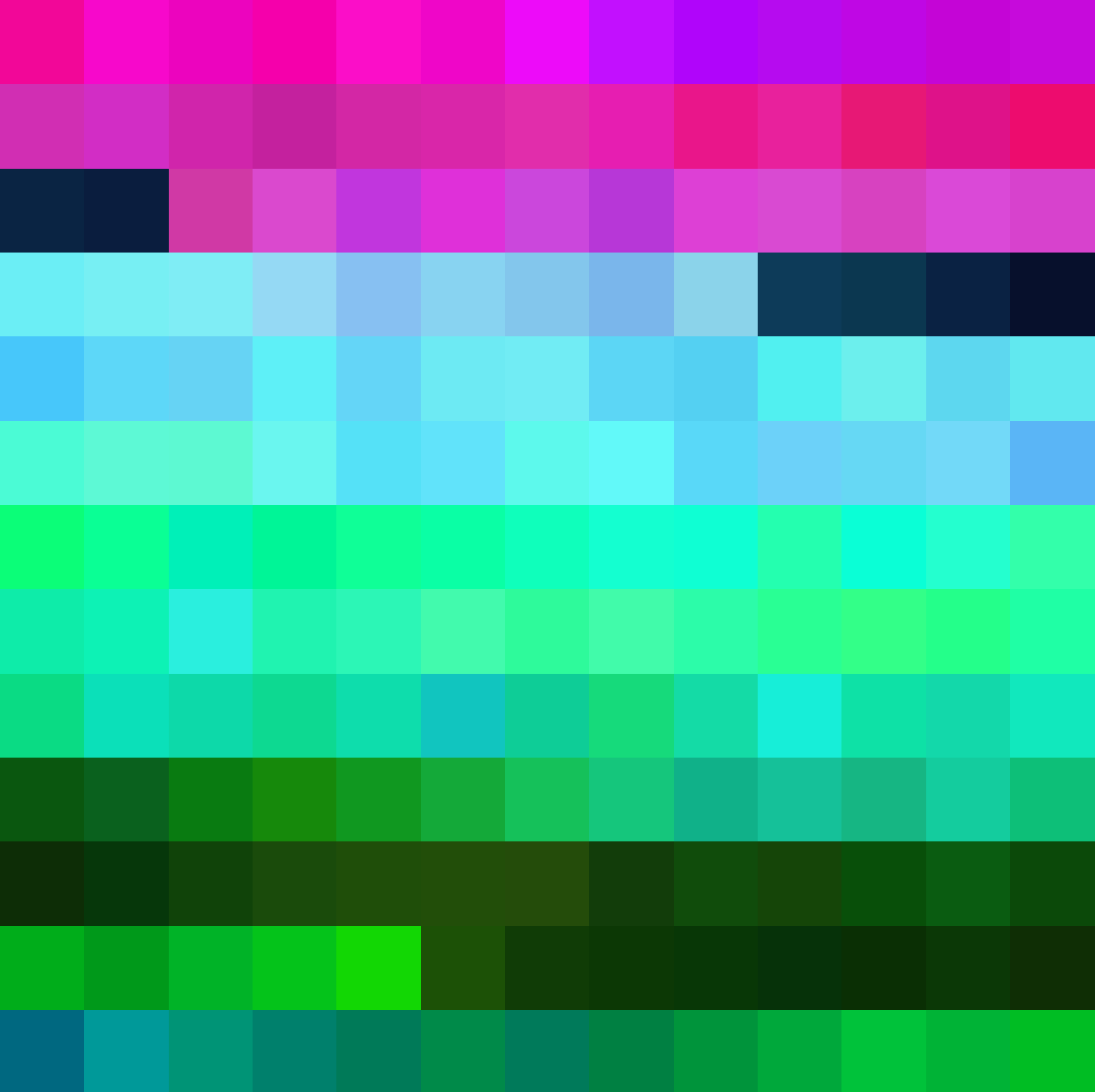There's a monochrome pixel gradient in this 9 by 9 grid. It is red.

There's a very, very colourful pixel gradient in this 14 by 14 grid. It is mostly green, but it also has quite some magenta, some rose, a little bit of purple, a little bit of yellow, a little bit of orange, a little bit of lime, a little bit of red, a tiny bit of violet, and a tiny bit of indigo in it.
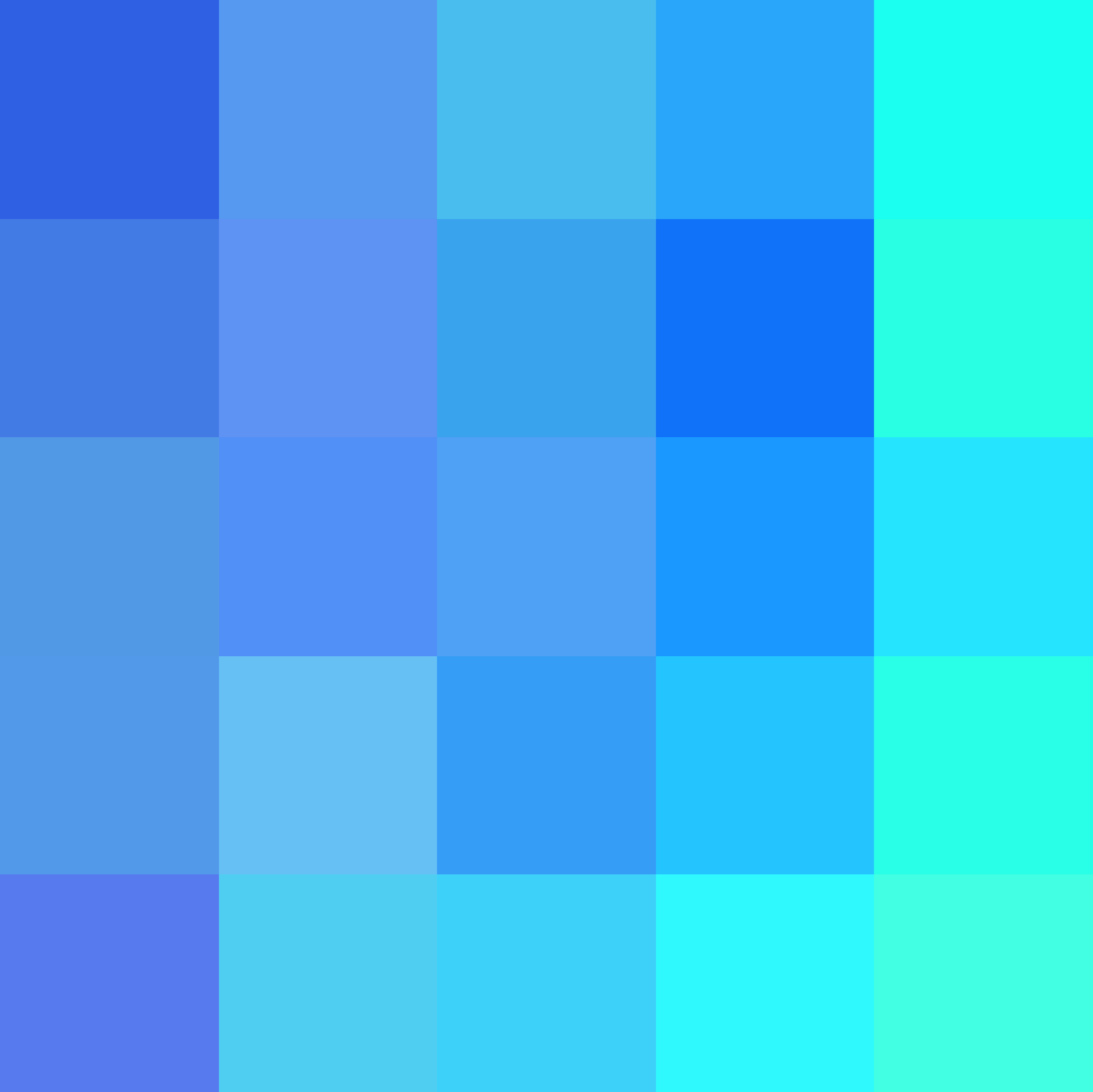
The cells in this 5 by 5 pixel grid form a gradient. It is mostly green, but it also has quite some lime, and some yellow in it.

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

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

This two tone gradient, generated in this 5 by 5 pixel grid, is mostly blue, but it also has quite some cyan in it.
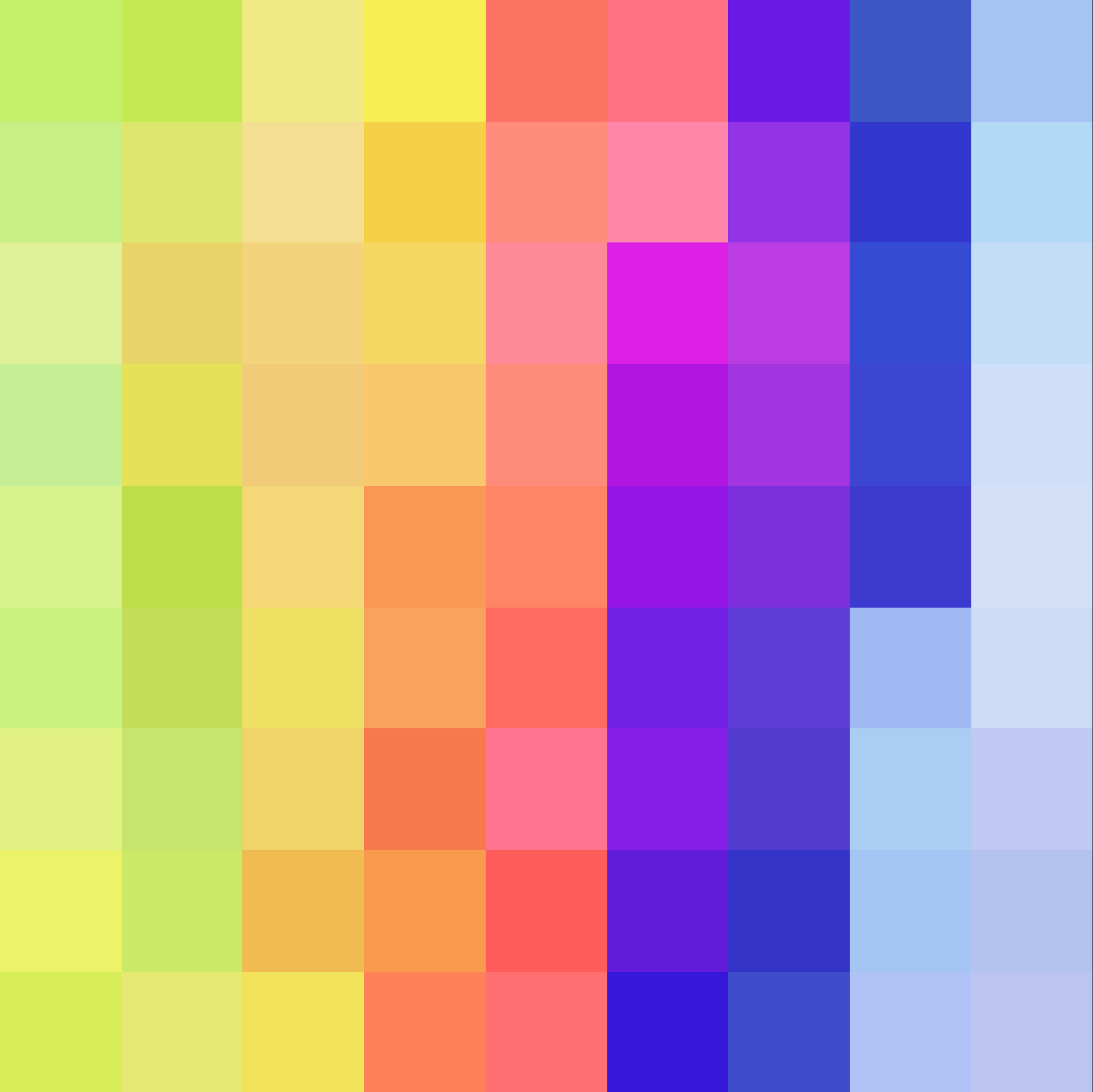
Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly green, but it also has a bit of lime, and a little bit of yellow in it.
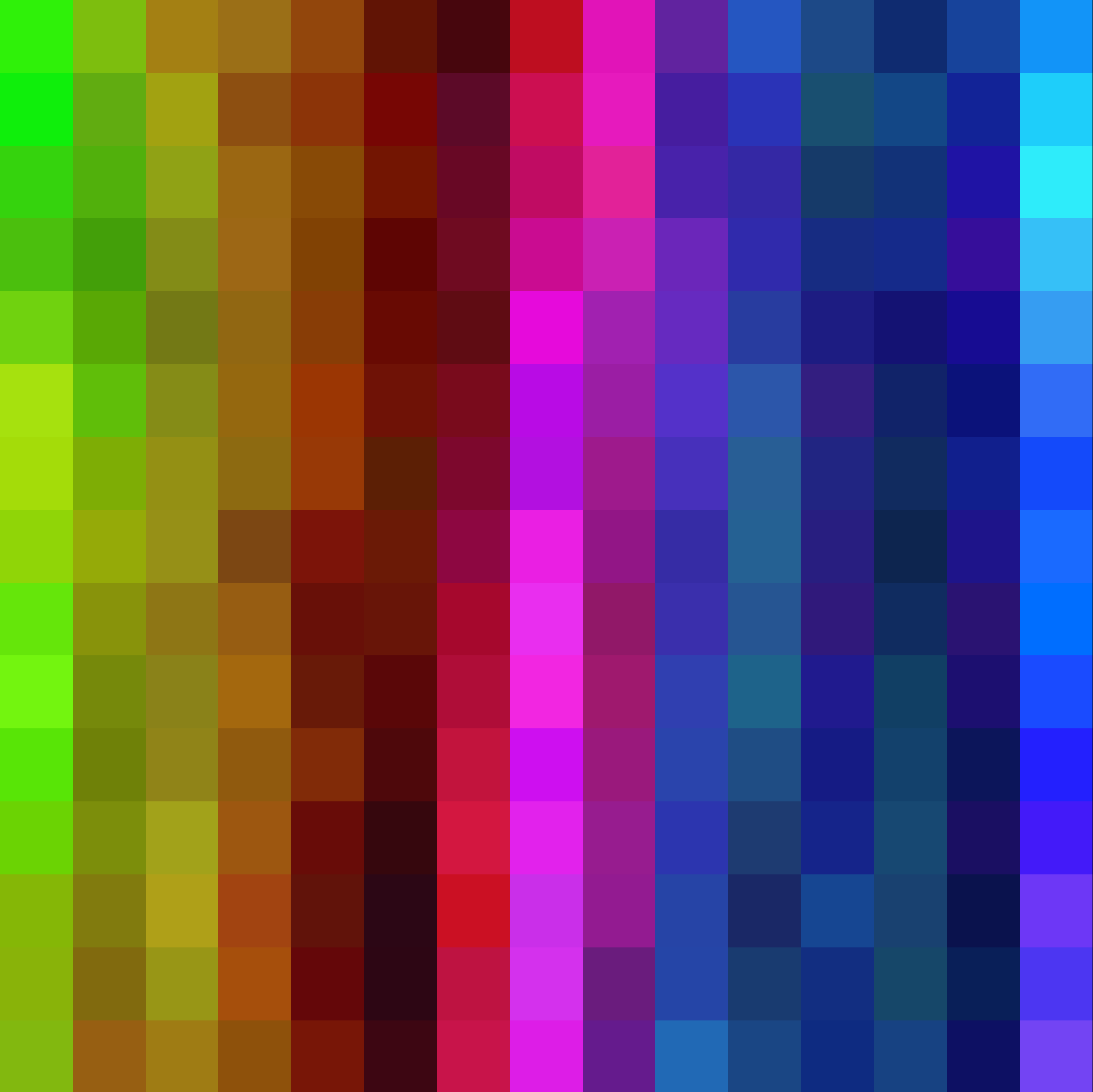
Here's a 14 by 14 pixelated grid that forms a very colourful gradient. It is mostly red, and it also has quite some green, some cyan, a bit of orange, a little bit of yellow, a little bit of blue, and a tiny bit of lime in it.

This very, very colourful gradient, generated in this 9 by 9 pixel grid, is mostly blue, and it also has quite some yellow, some red, a bit of orange, a bit of lime, a bit of purple, a little bit of green, a little bit of violet, a little bit of indigo, and a tiny bit of magenta in it.
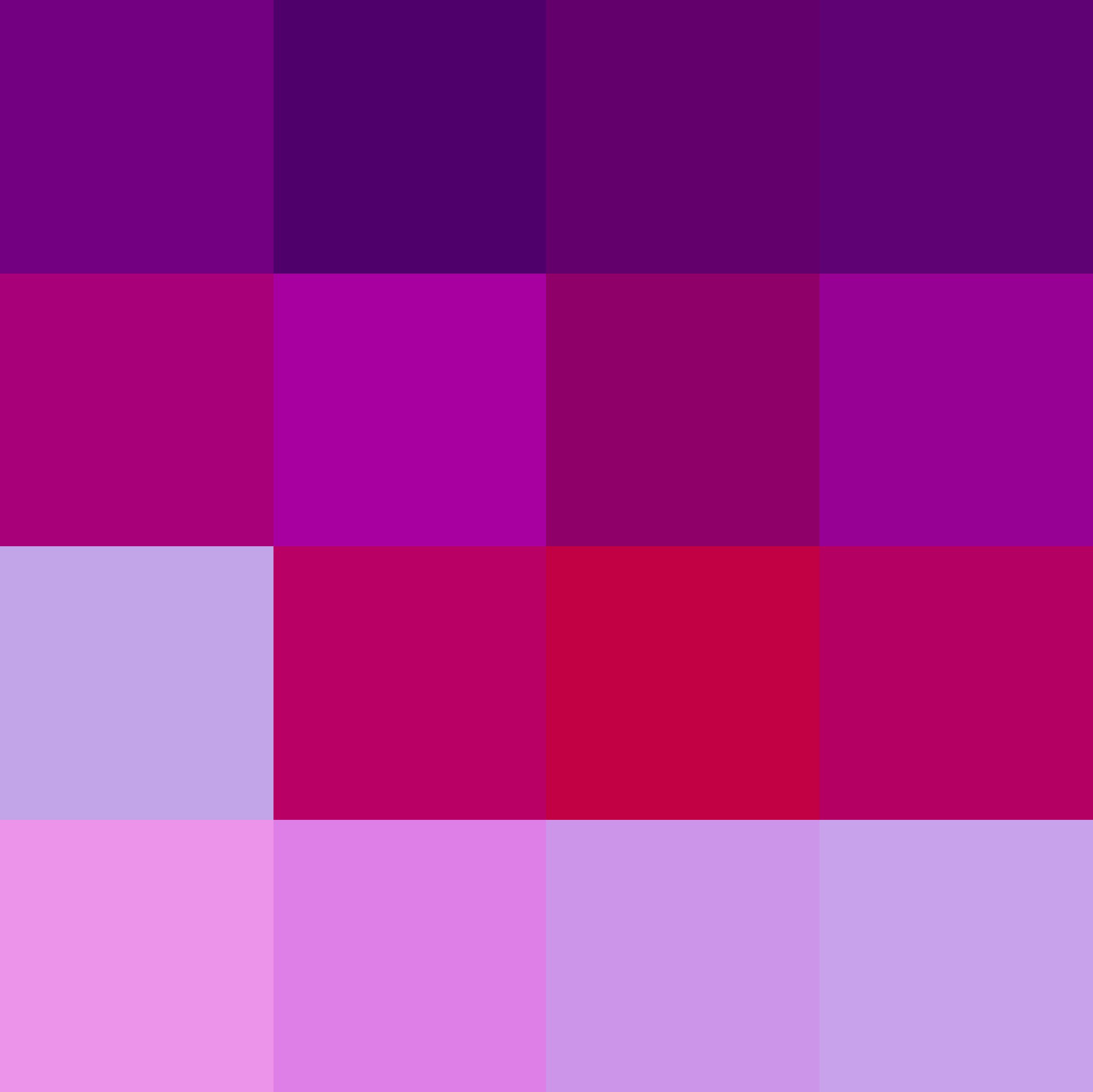
A colourful grid of 100 blocks. It's mostly magenta, and it also has quite some rose, quite some red, a little bit of orange, and a tiny bit of purple in it.
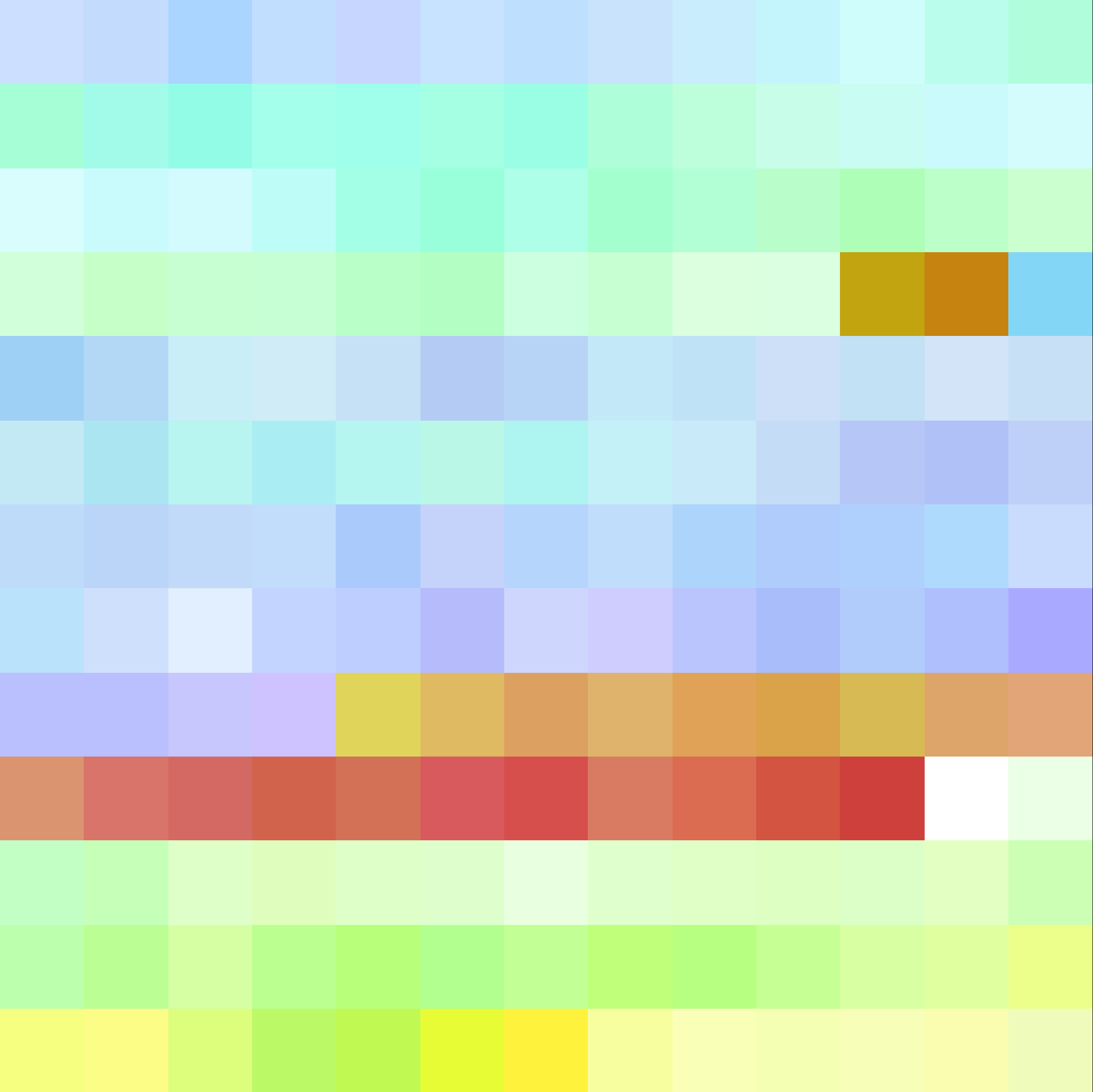
Here's a 15 by 15 pixelated grid that forms a very, very colourful gradient. It is mostly red, but it also has some orange, a bit of yellow, a bit of green, a little bit of blue, a little bit of lime, a tiny bit of indigo, and a tiny bit of cyan in it.

There's a very colourful pixel gradient in this 8 by 8 grid. It is mostly blue, but it also has quite some purple, some orange, some magenta, a little bit of violet, a little bit of indigo, and a little bit of yellow in it.

The gradient in this 4 by 4 pixel grid is mostly magenta, but it also has quite some purple, some rose, and a little bit of violet in it.

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

A grid of 49 blocks. It's mostly green, and it also has some lime, and a little bit of yellow in it.
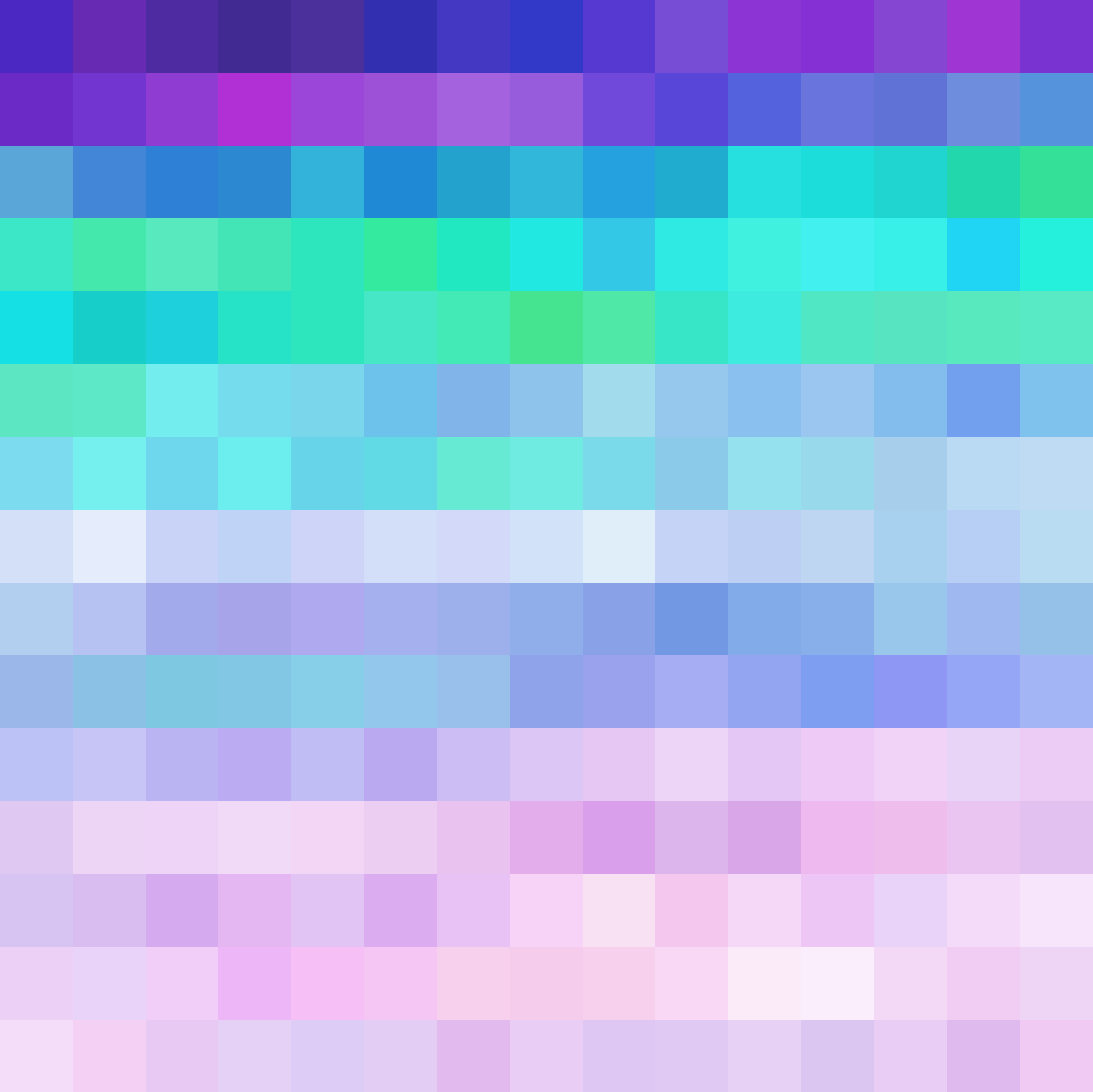
A 16 by 16 grid with coloured squares that form
a very, very colourful gradient. The colours are
various shades of mostly purple, but it also has
quite some magenta, some indigo, some violet,
some rose, a bit of blue, a little bit of red, and a
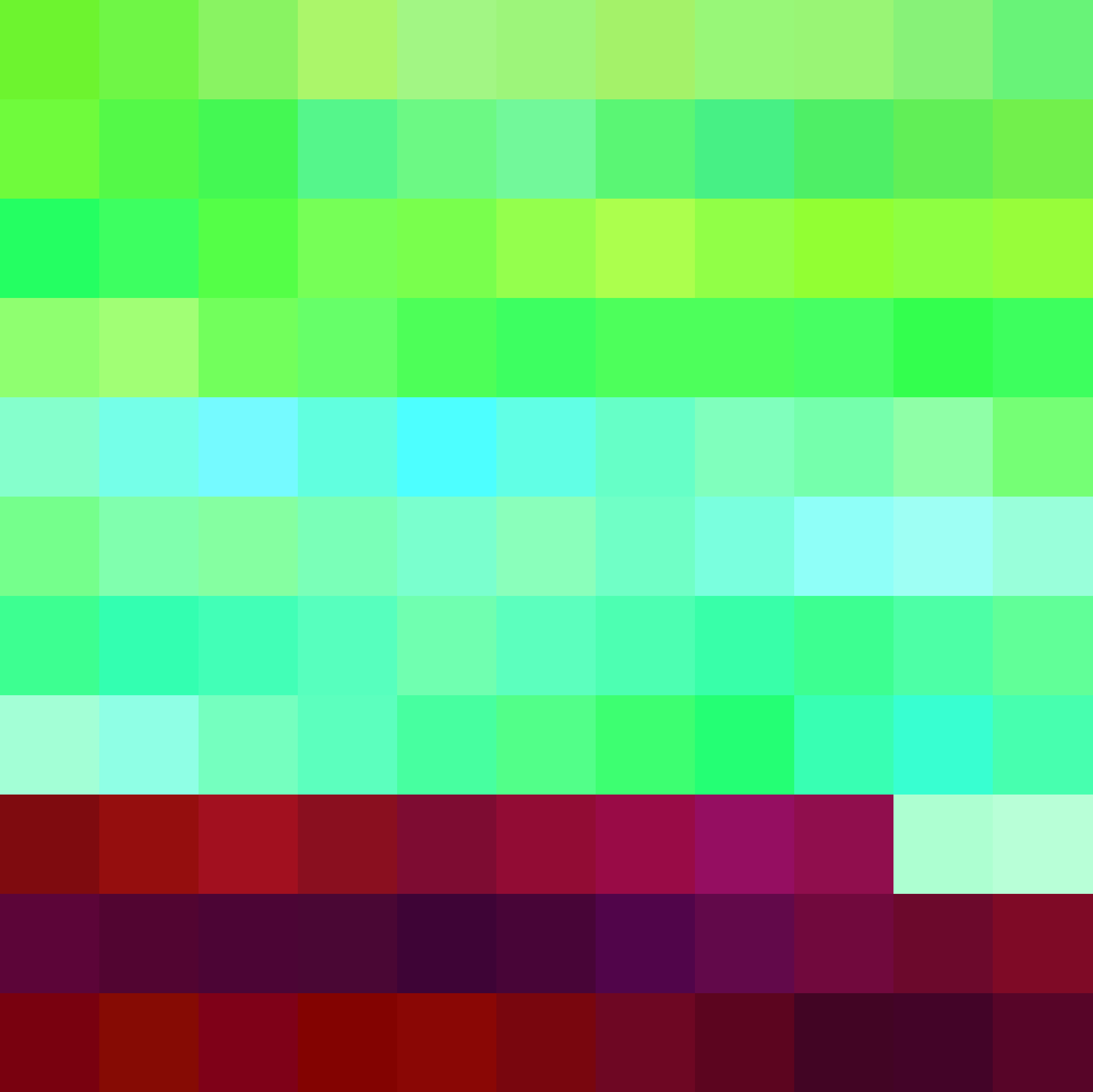tiny bit of orange in it.

The cells in this 7 by 7 pixel grid form a gradient. It is mostly magenta, and it also has quite some rose, a bit of red, and a tiny bit of purple in it.

This gradient, generated in this 7 by 7 pixel grid, is mostly yellow, and it also has some orange, some lime, and some green in it.

A grid with 225 coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, but it also has quite some purple, quite some cyan, a bit of magenta, a bit of indigo, a little bit of violet, and a little bit of green in it.

There's a colourful pixel gradient in this 11 by 11 grid. It is mostly green, but it also has a bit of red, a bit of cyan, a bit of rose, and a bit of magenta in it.
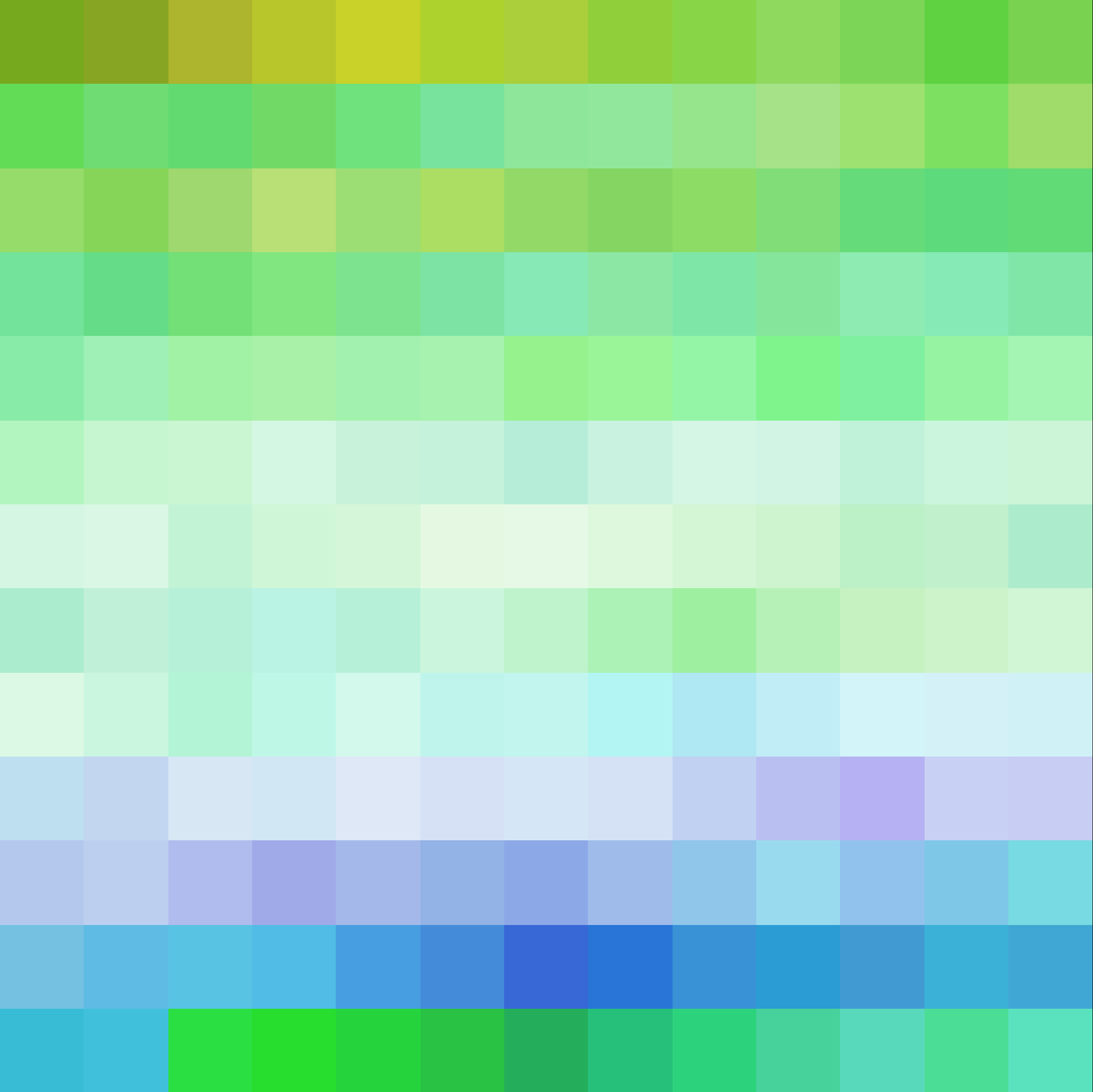
A very, very colourful grid of 169 blocks. It's mostly orange, but it also has some blue, some red, some indigo, a bit of magenta, a bit of green, a little bit of yellow, a little bit of purple, a little bit of cyan, a little bit of rose, a little bit of violet, and a tiny bit of lime in it.

This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly red, and it also has some purple, some magenta, some orange, a bit of yellow, a little bit of violet, a little bit of rose, a little bit of lime, a little bit of indigo, and a tiny bit of green in it.
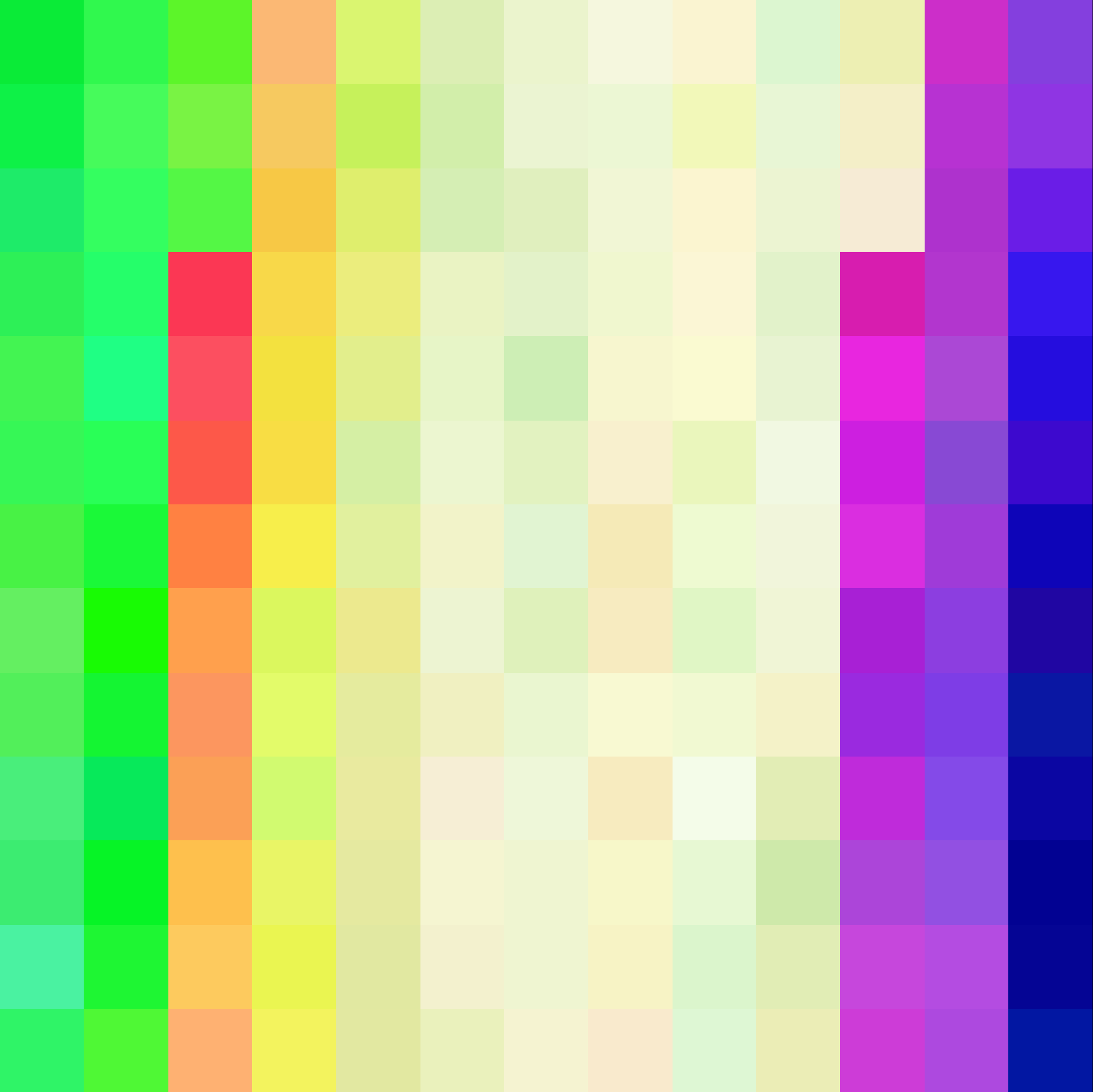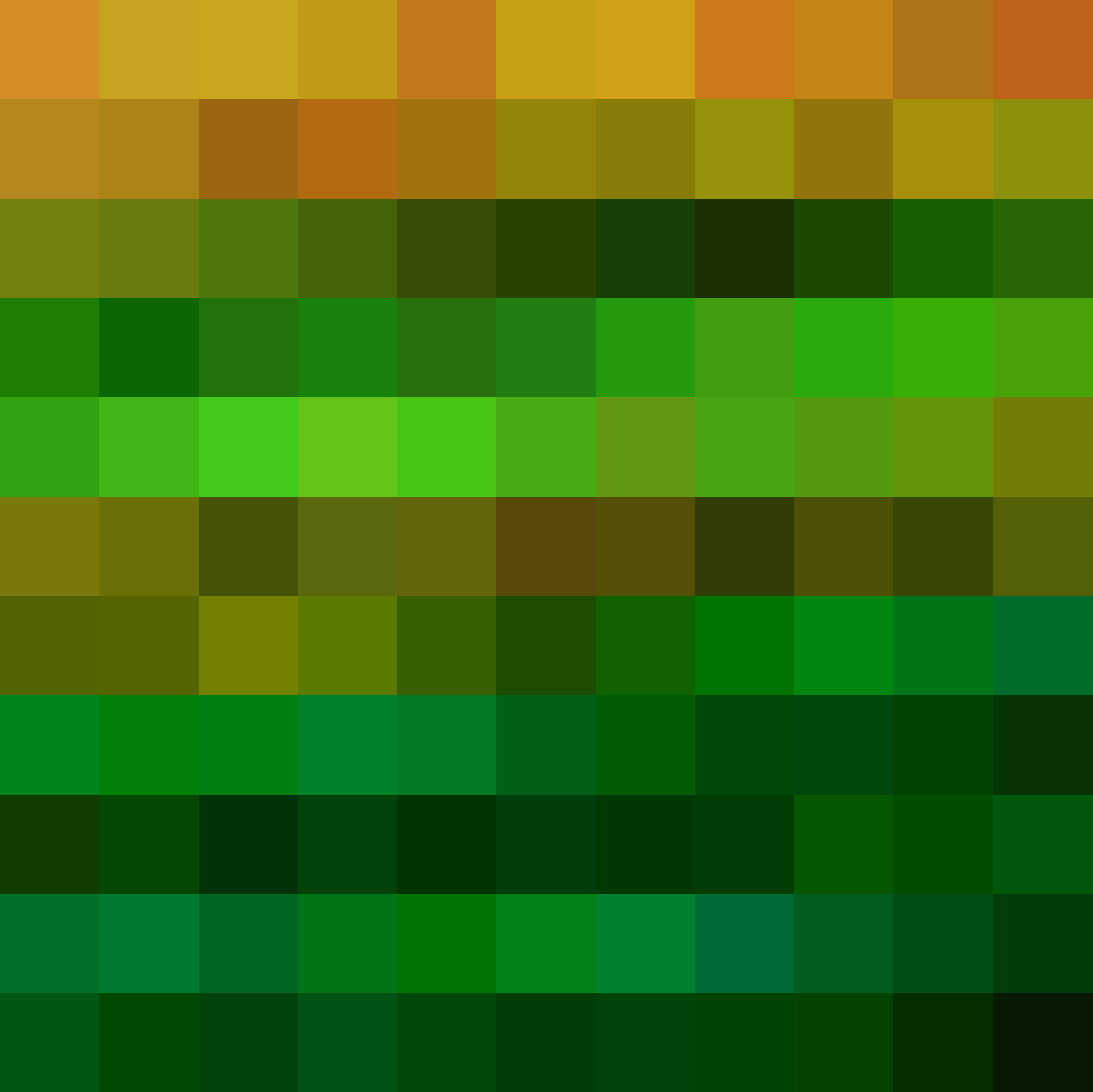
This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly green, but it also has quite some blue, a bit of cyan, a tiny bit of lime, a tiny bit of yellow, and a tiny bit of indigo in it.
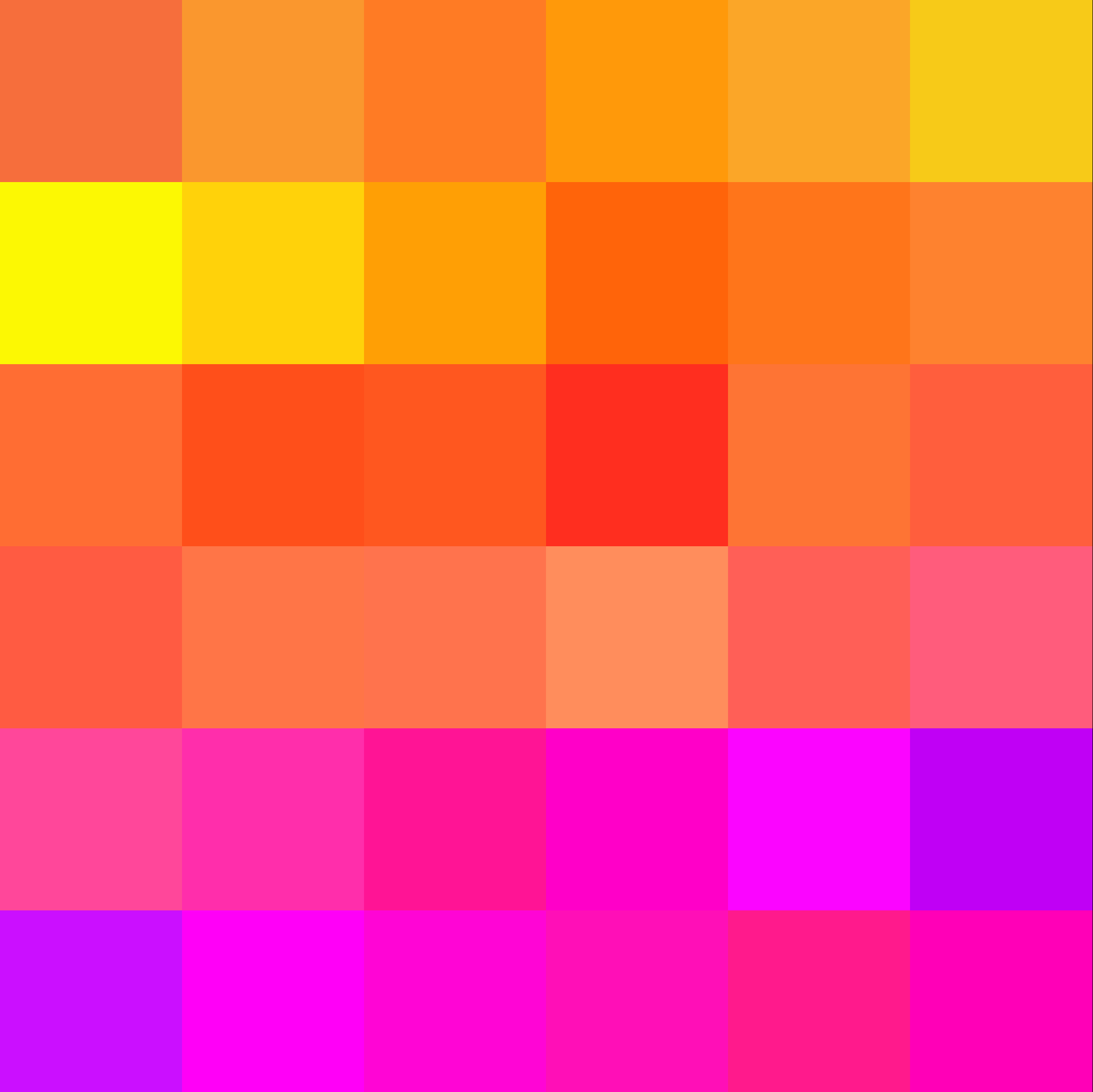
The gradient in this 8 by 8 pixel grid is mostly red, and it also has quite some orange, a bit of yellow, and a little bit of rose in it.
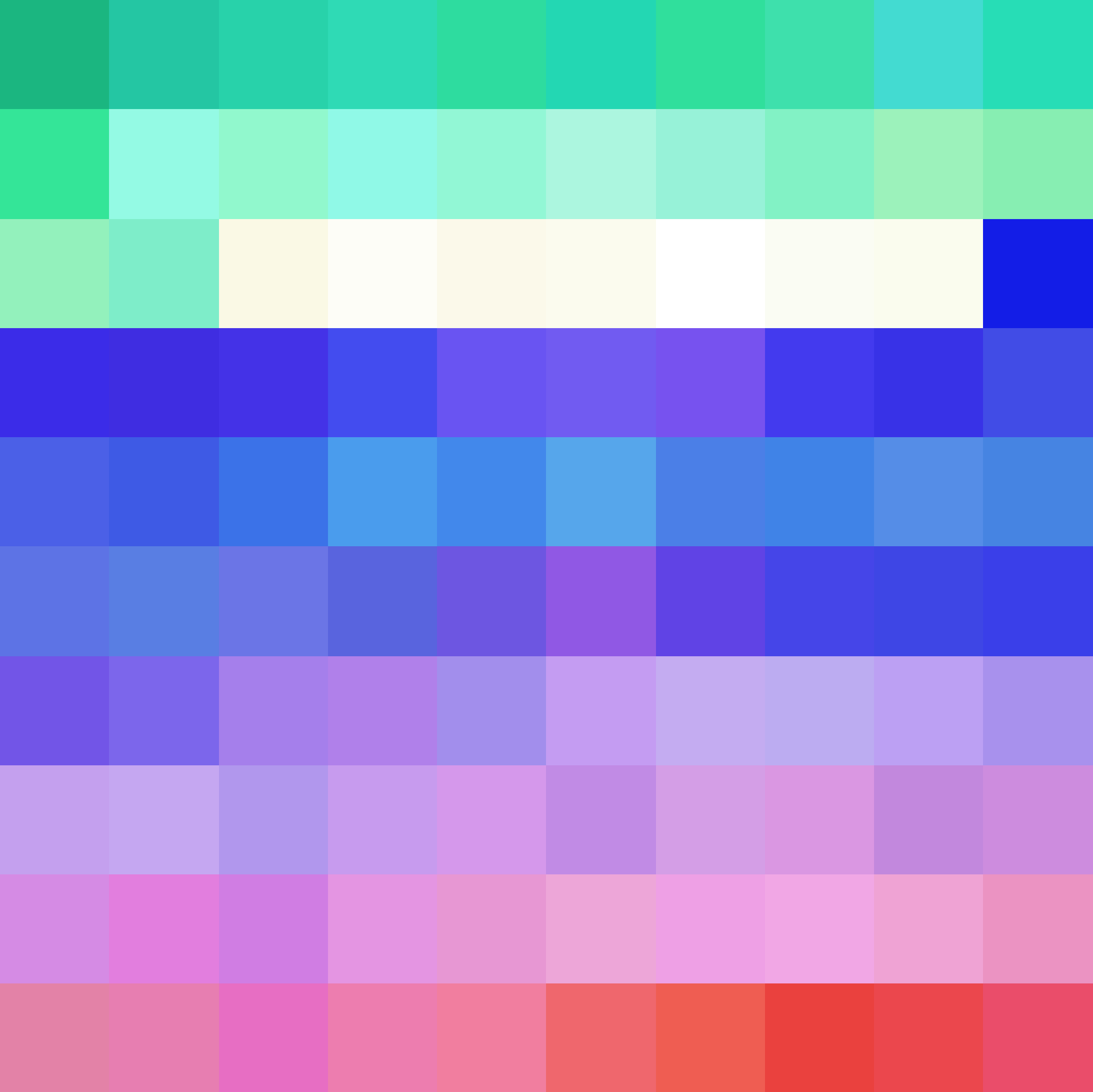
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, but it also has quite some yellow, some lime, a bit of purple, a bit of orange, a little bit of violet, a little bit of magenta, a little bit of indigo, a tiny bit of blue, and a tiny bit of red in it.
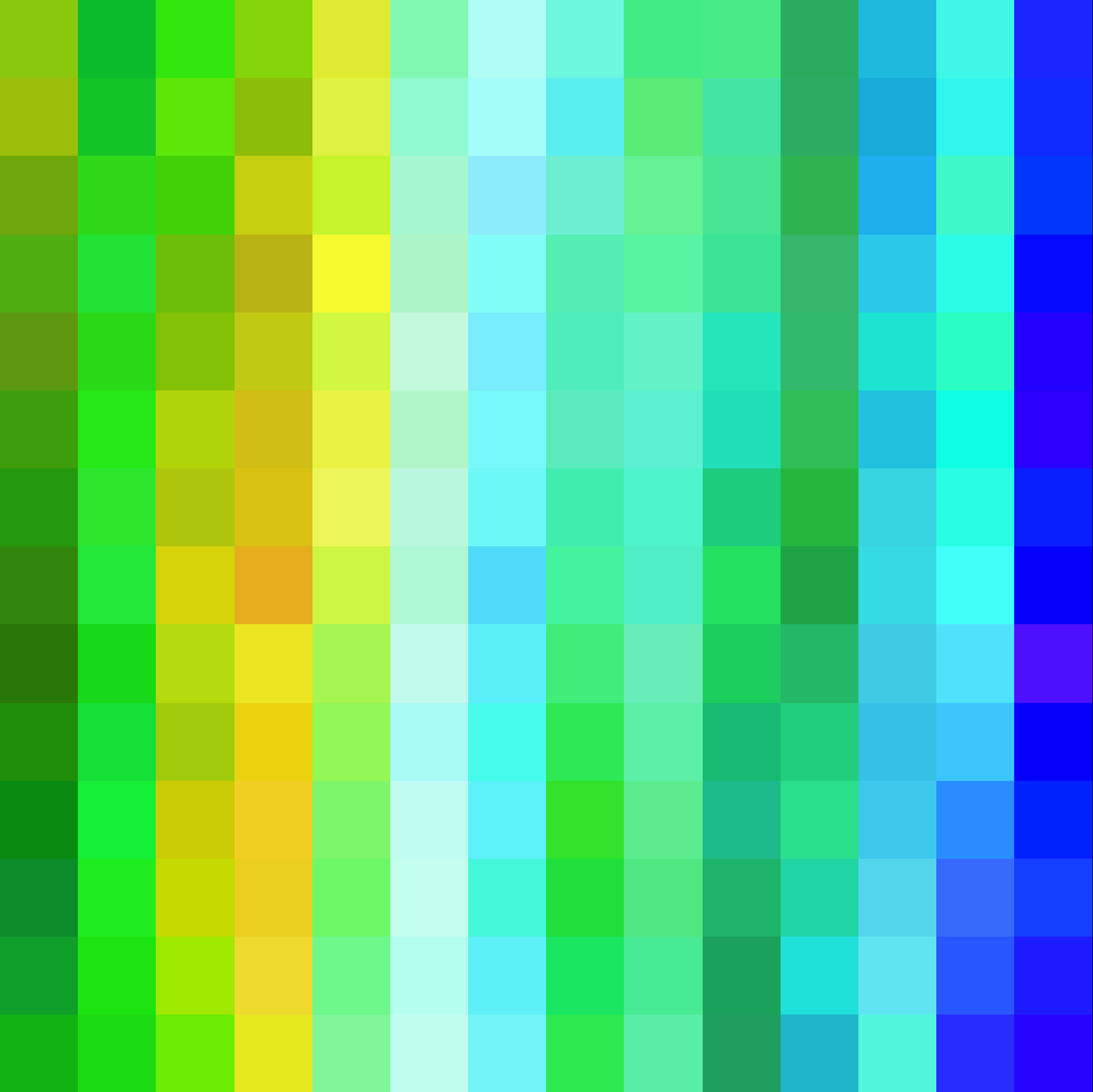
A grid of 121 blocks. It's mostly green, and it also has some yellow, a bit of orange, and a little bit of lime in it.
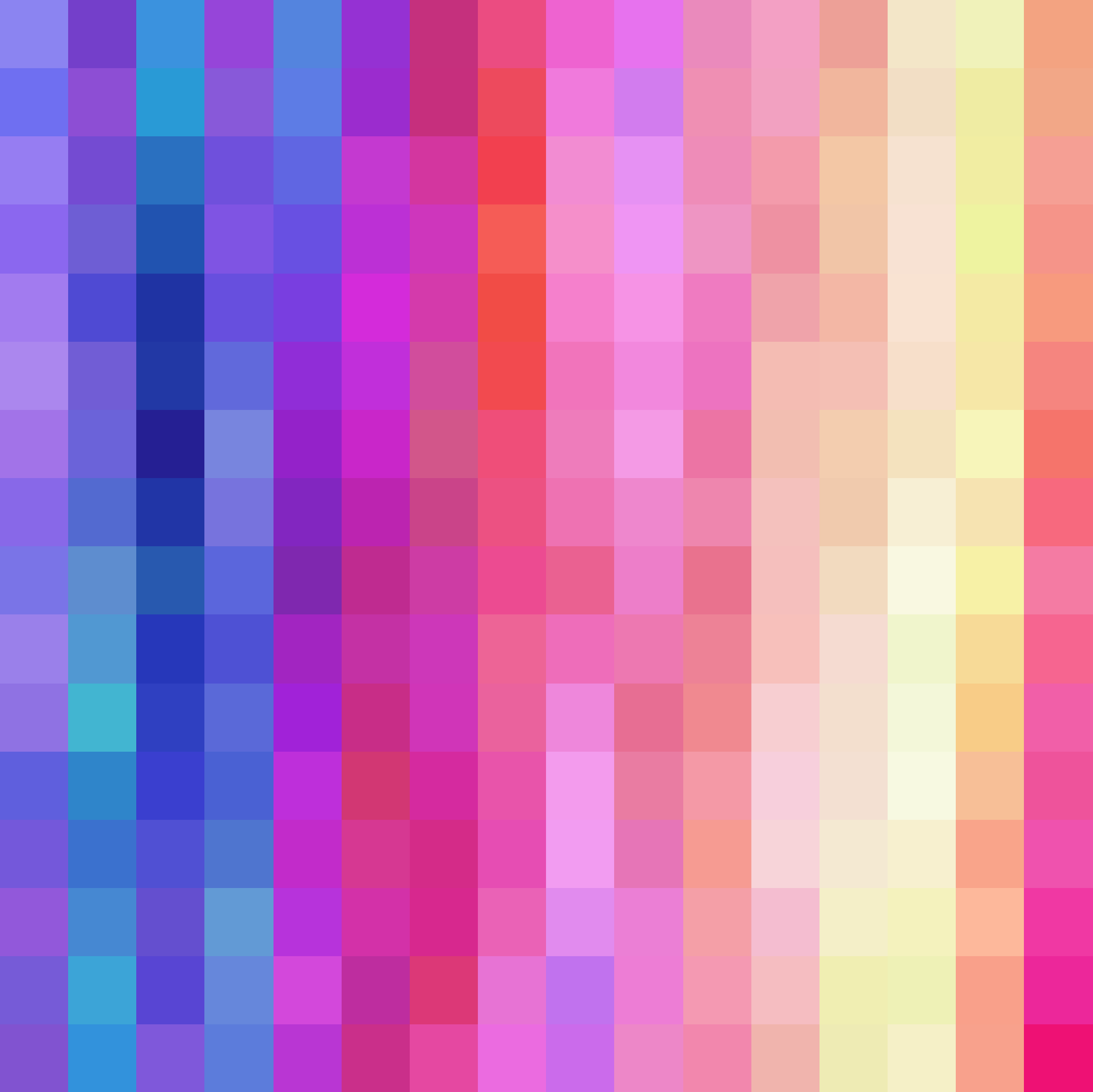
This gradient, generated in this 6 by 6 pixel grid, is mostly red, but it also has quite some orange, and a bit of yellow in it.

A very, very colourful grid of 100 blocks. It's mostly blue, but it also has some indigo, some green, a bit of magenta, a bit of cyan, a bit of purple, a bit of violet, a little bit of yellow, a little bit of rose, a little bit of red, and a tiny bit of lime in it.
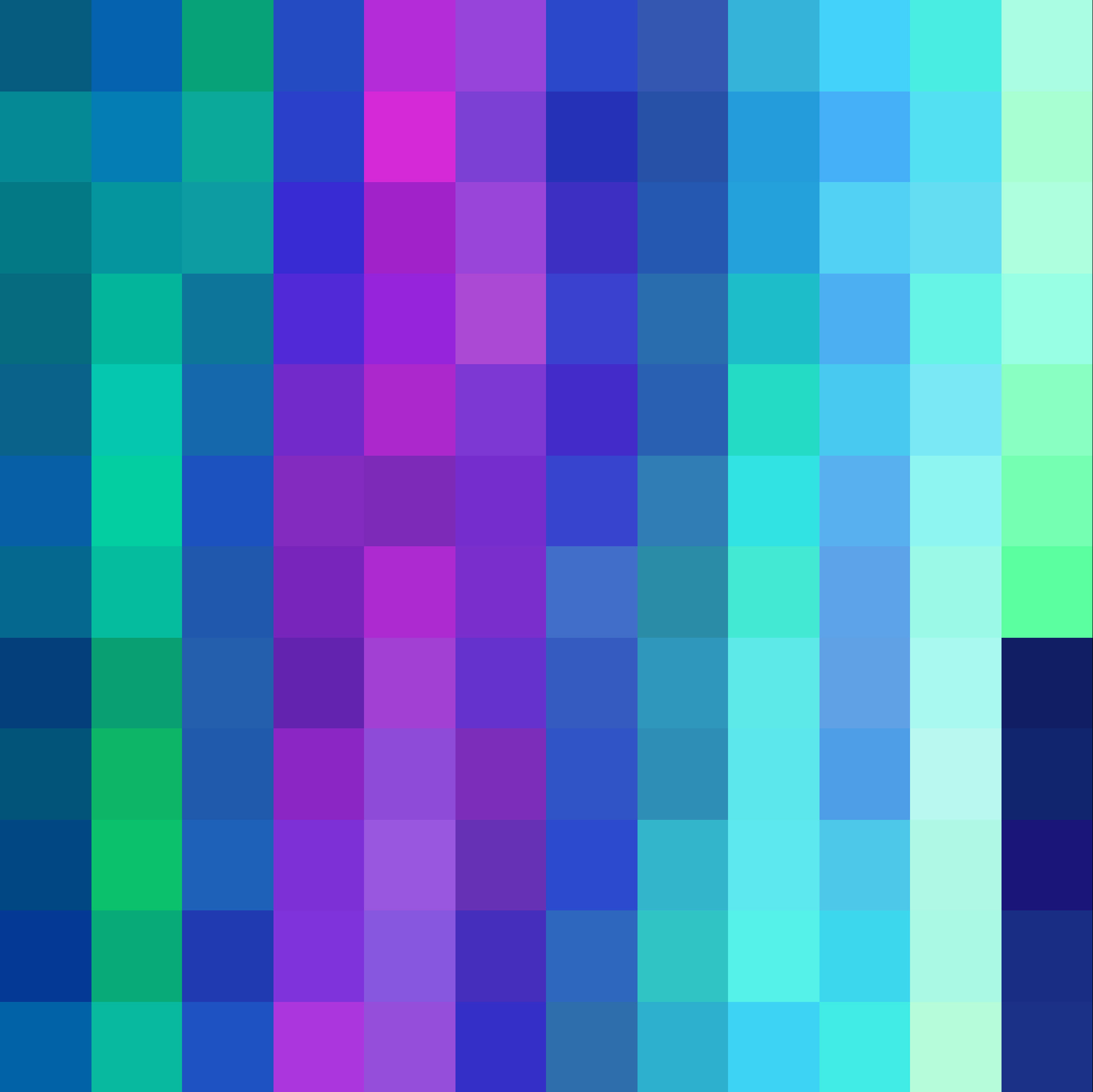
The cells in this 14 by 14 pixel grid form a very colourful gradient. It is mostly green, but it also has quite some cyan, some yellow, a bit of blue, a little bit of lime, a little bit of indigo, and a tiny bit of orange in it.
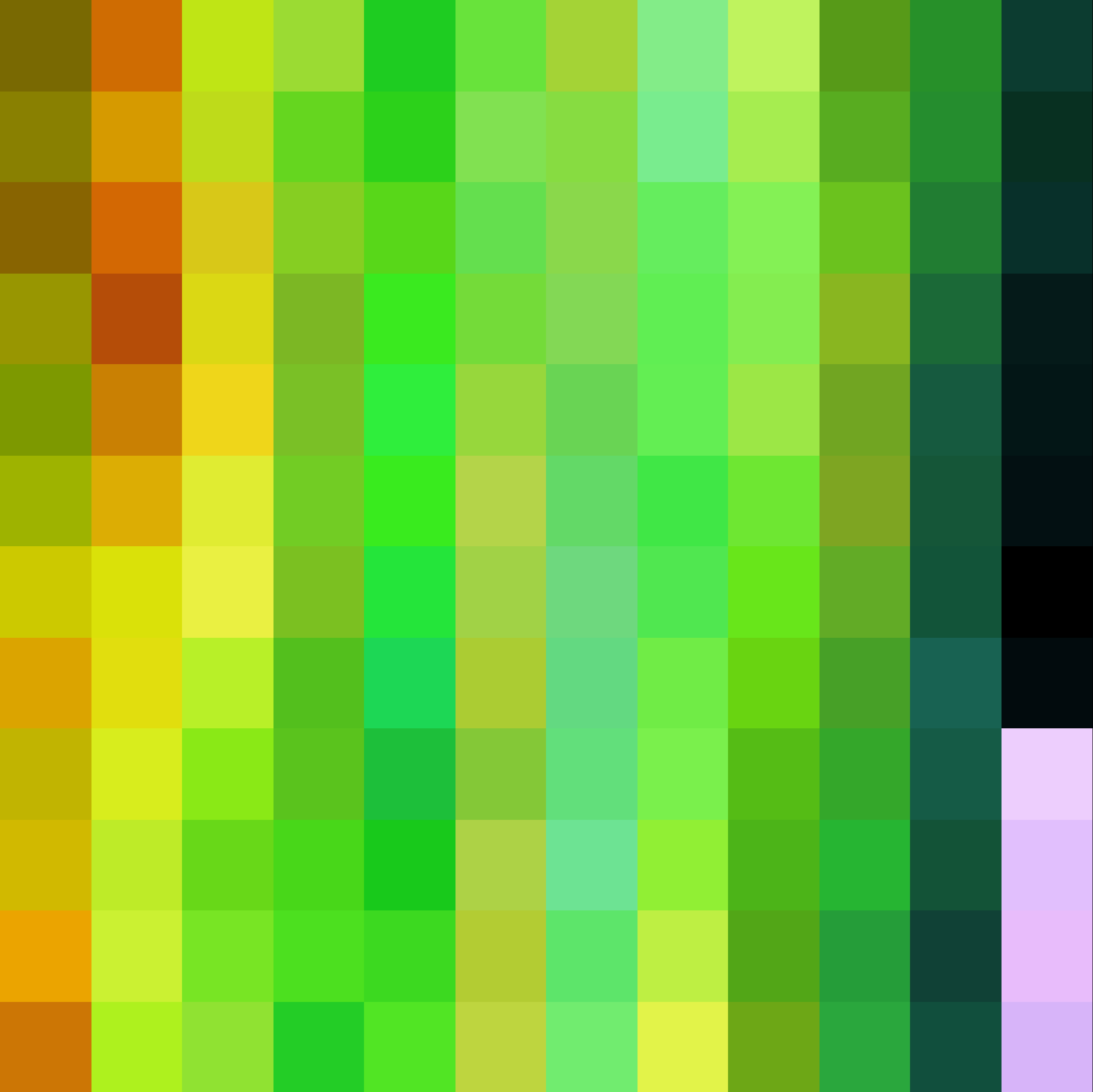
This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly magenta, but it also has some rose, some blue, some red, a bit of indigo, a bit of orange, a bit of yellow, a bit of purple, a little bit of violet, and a tiny bit of cyan in it.
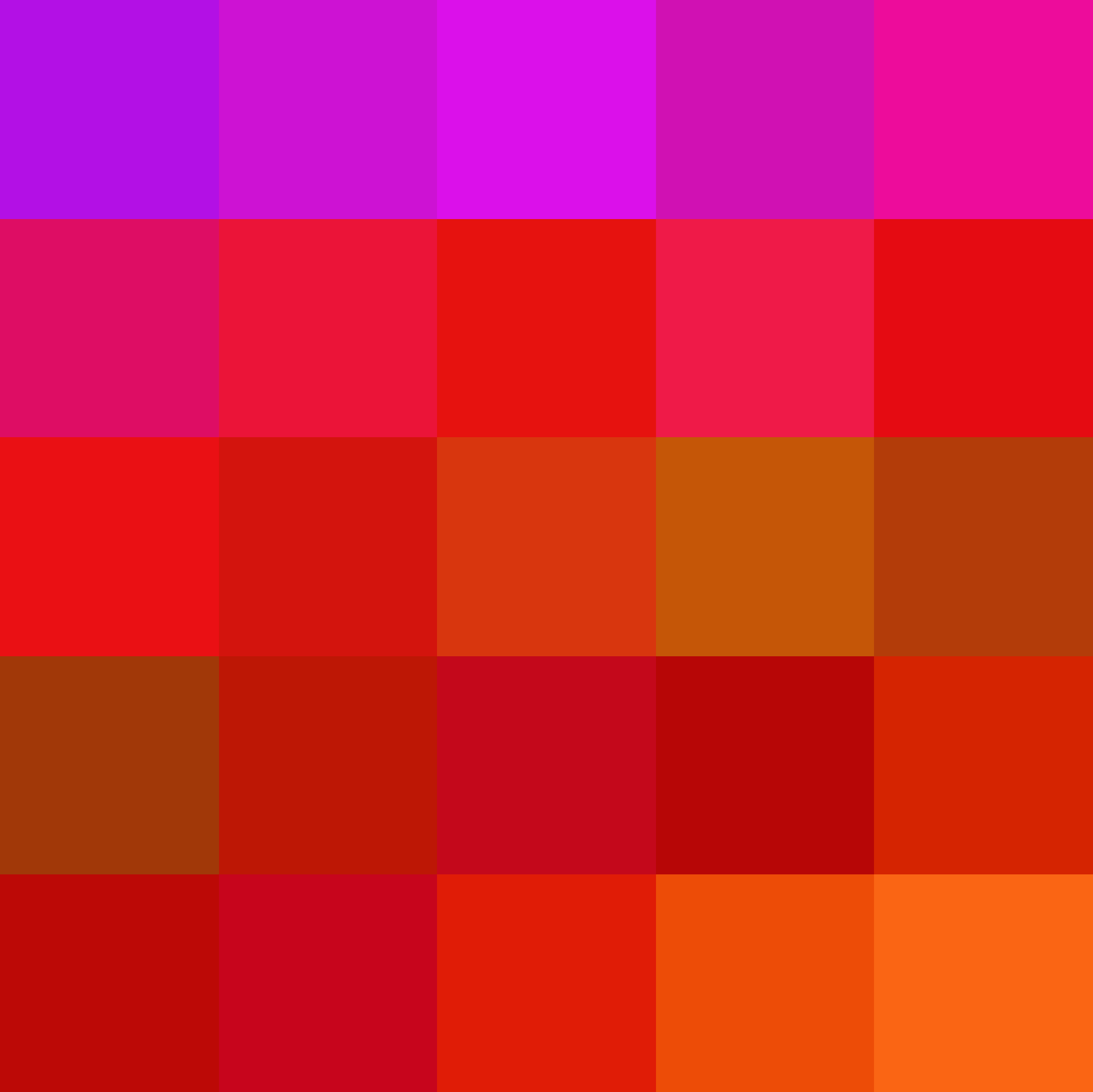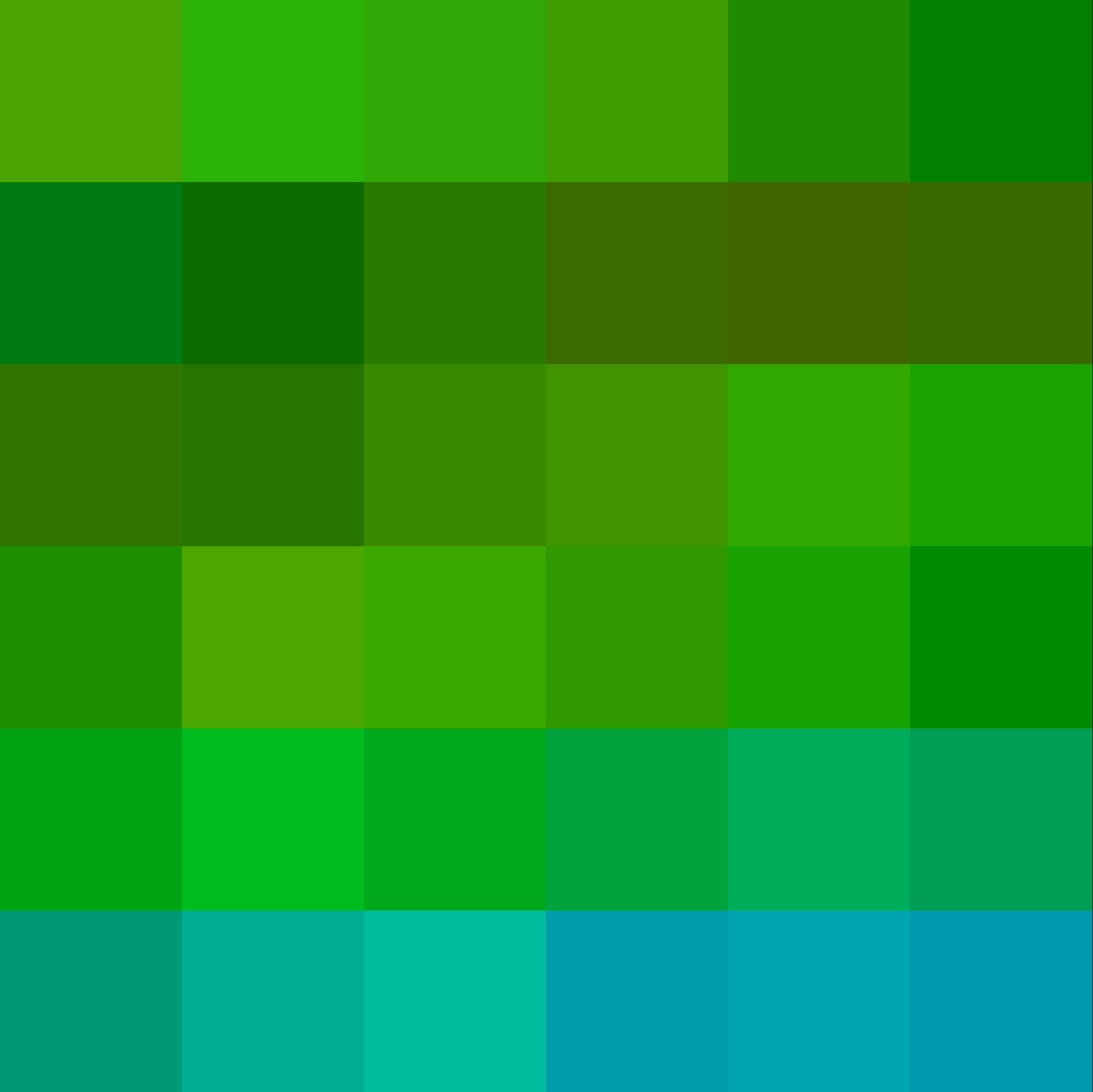
This very colourful gradient, generated in this 12 by 12 pixel grid, is mostly blue, and it also has quite some cyan, a bit of purple, a bit of violet, a bit of green, a little bit of indigo, and a tiny bit of magenta in it.

The very colourful gradient in this 12 by 12 pixel grid is mostly green, and it also has some yellow, a bit of lime, a little bit of orange, a little bit of cyan, a little bit of purple, and a tiny bit of blue in it.
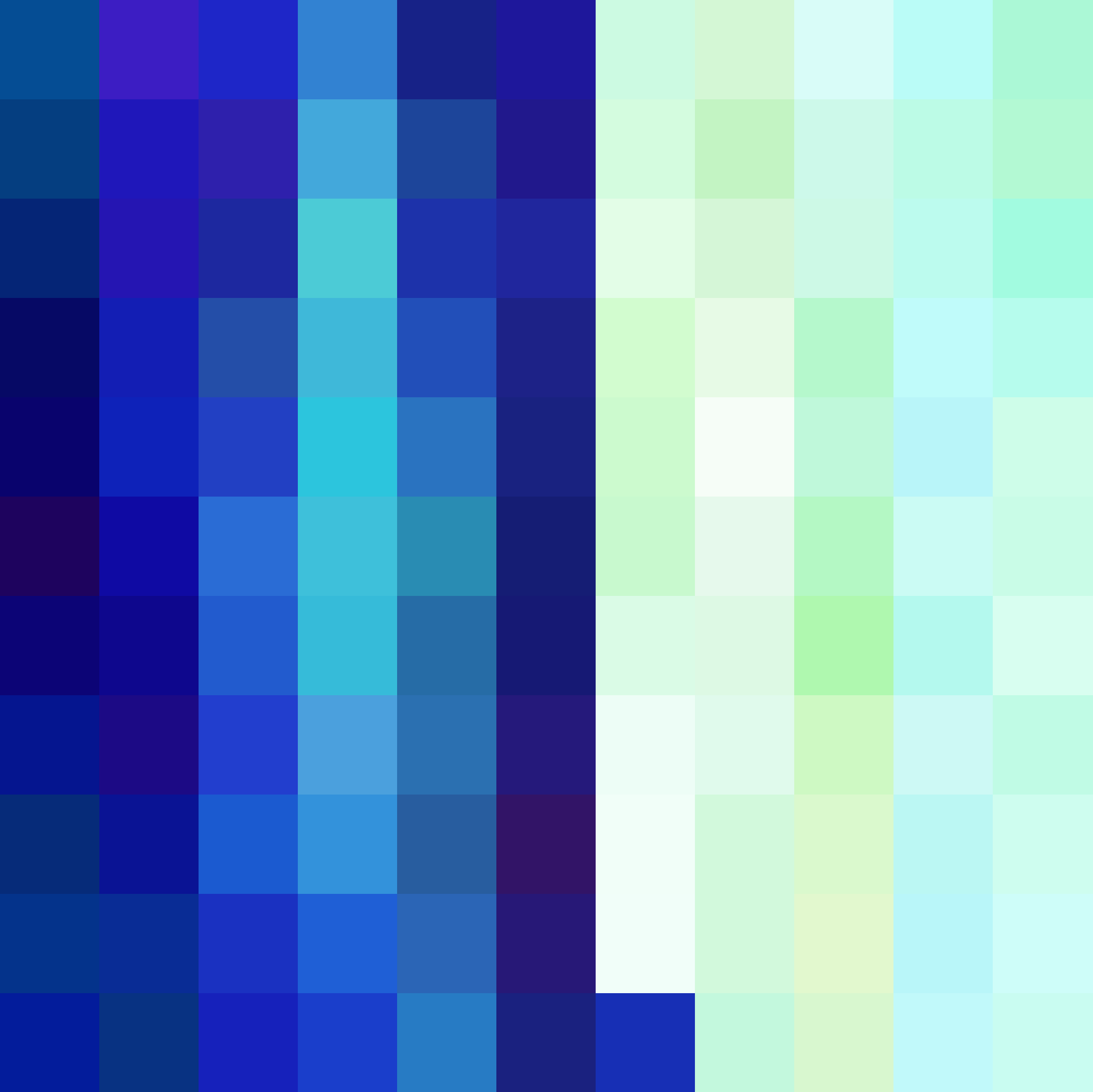
The colourful gradient in this 5 by 5 pixel grid is mostly red, and it also has quite some orange, some magenta, a little bit of purple, and a little bit of rose in it.
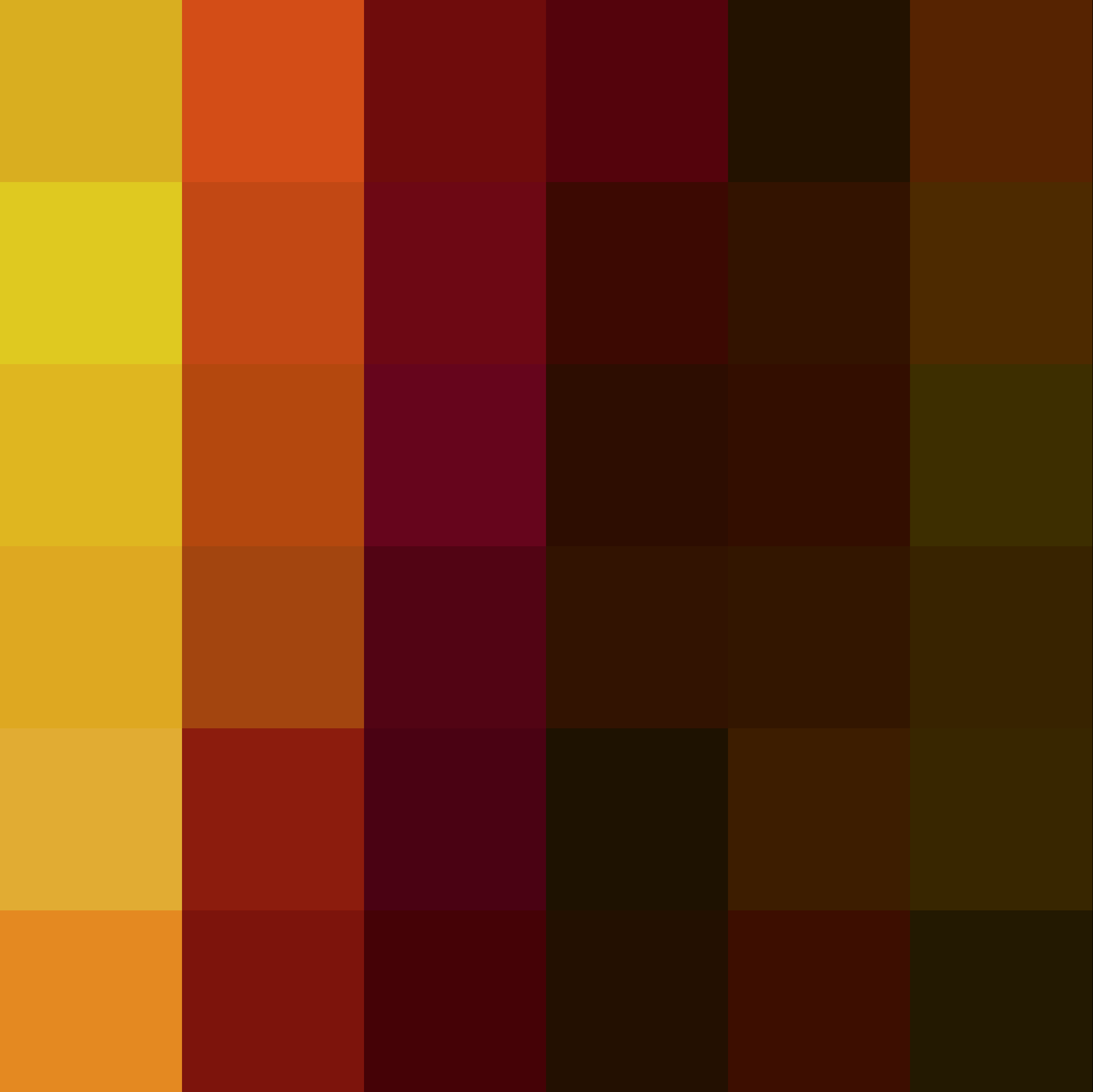
The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly green, and it also has some cyan in it.
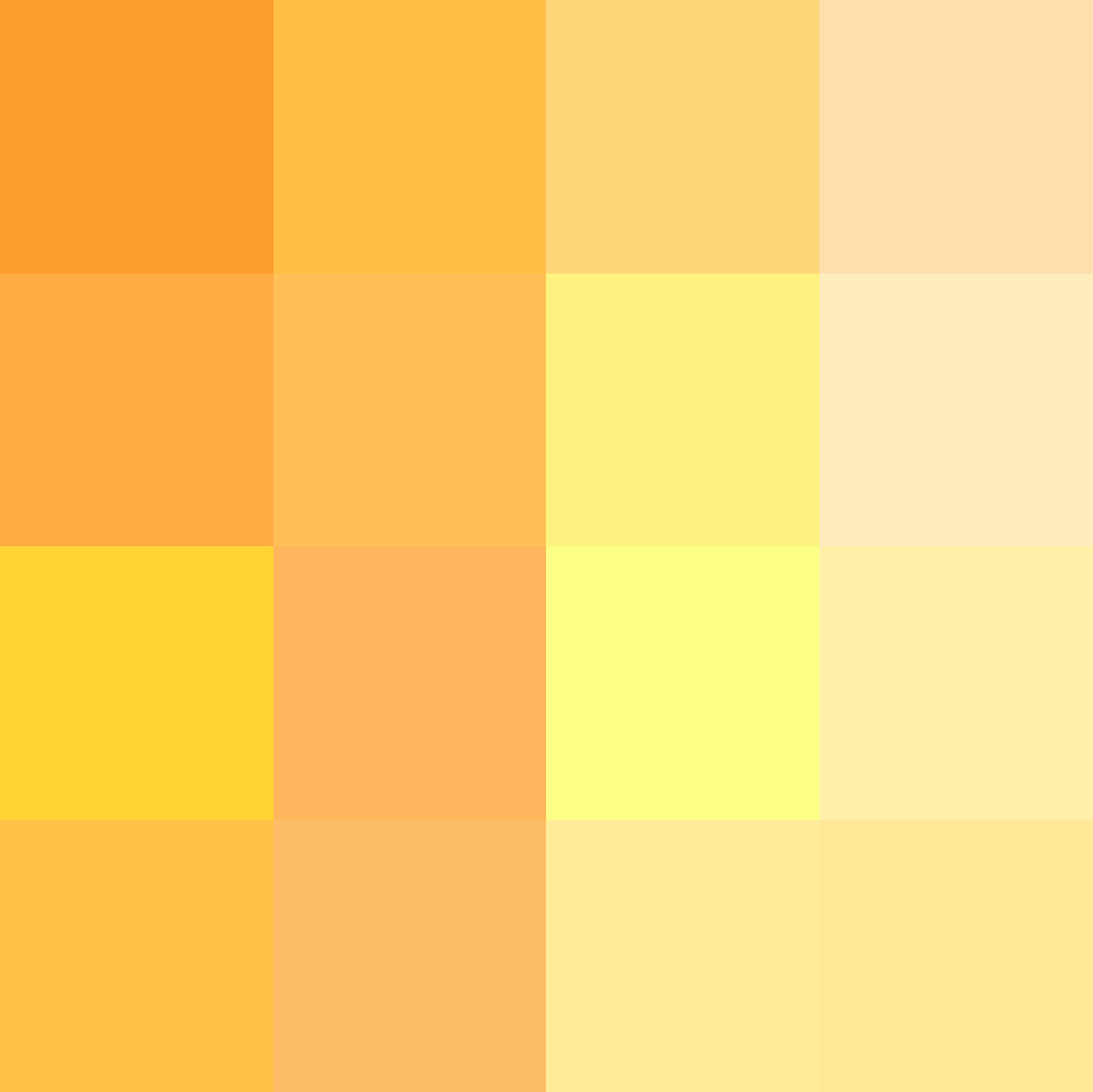
This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some yellow, some orange, a little bit of lime, and a tiny bit of red in it.

The cells in this 11 by 11 pixel grid form a colourful gradient. It is mostly blue, but it also has quite some green, some cyan, some indigo, and a tiny bit of violet in it.
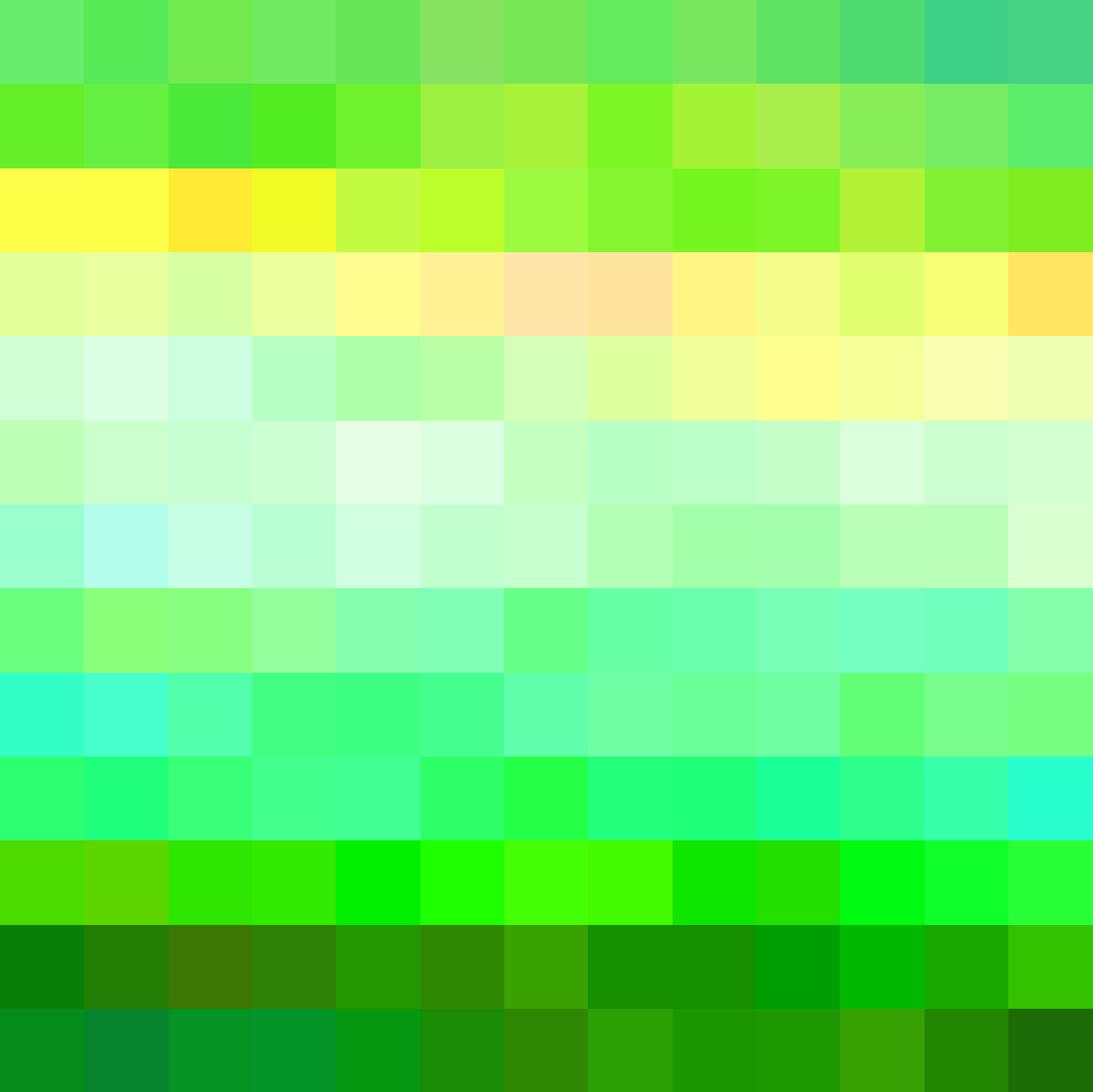
A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly orange, and it also has quite some red, and a bit of yellow in it.

This two tone gradient, generated in this 4 by 4 pixel grid, is mostly orange, but it also has quite some yellow in it.
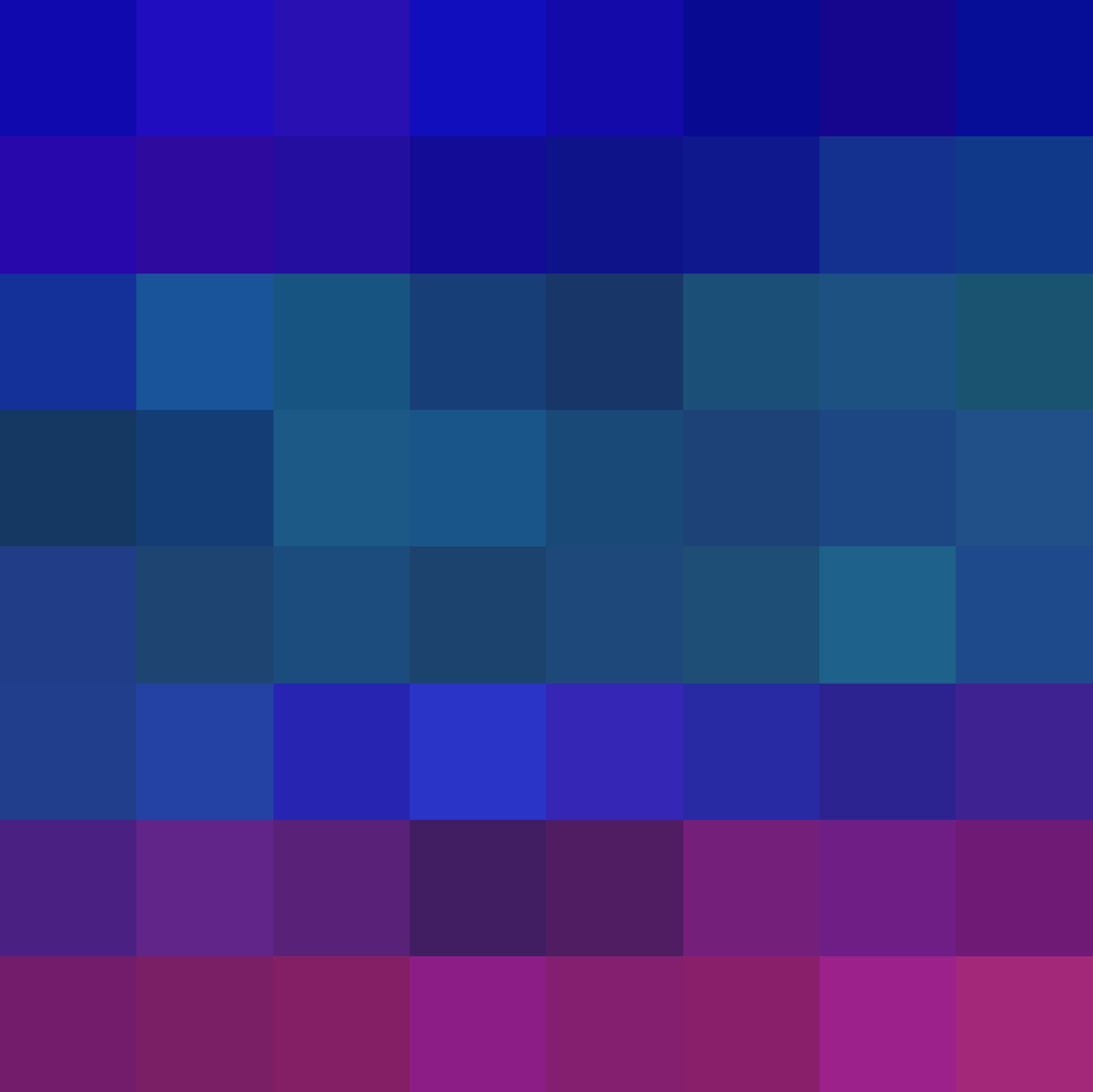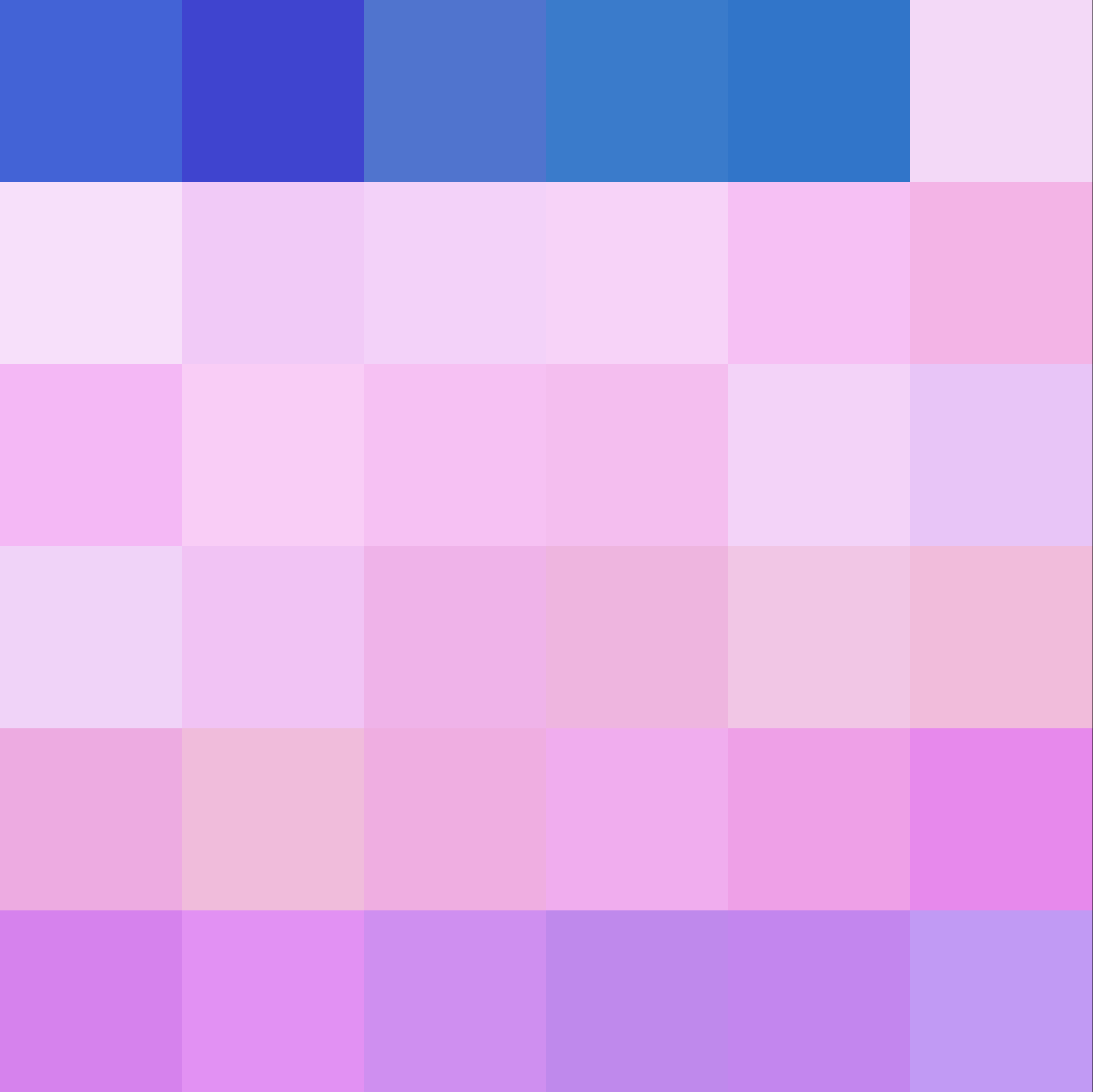
This colourful gradient, generated in this 13 by 13 pixel grid, is mostly green, and it also has a bit of yellow, a little bit of lime, a tiny bit of orange, and a tiny bit of cyan in it.
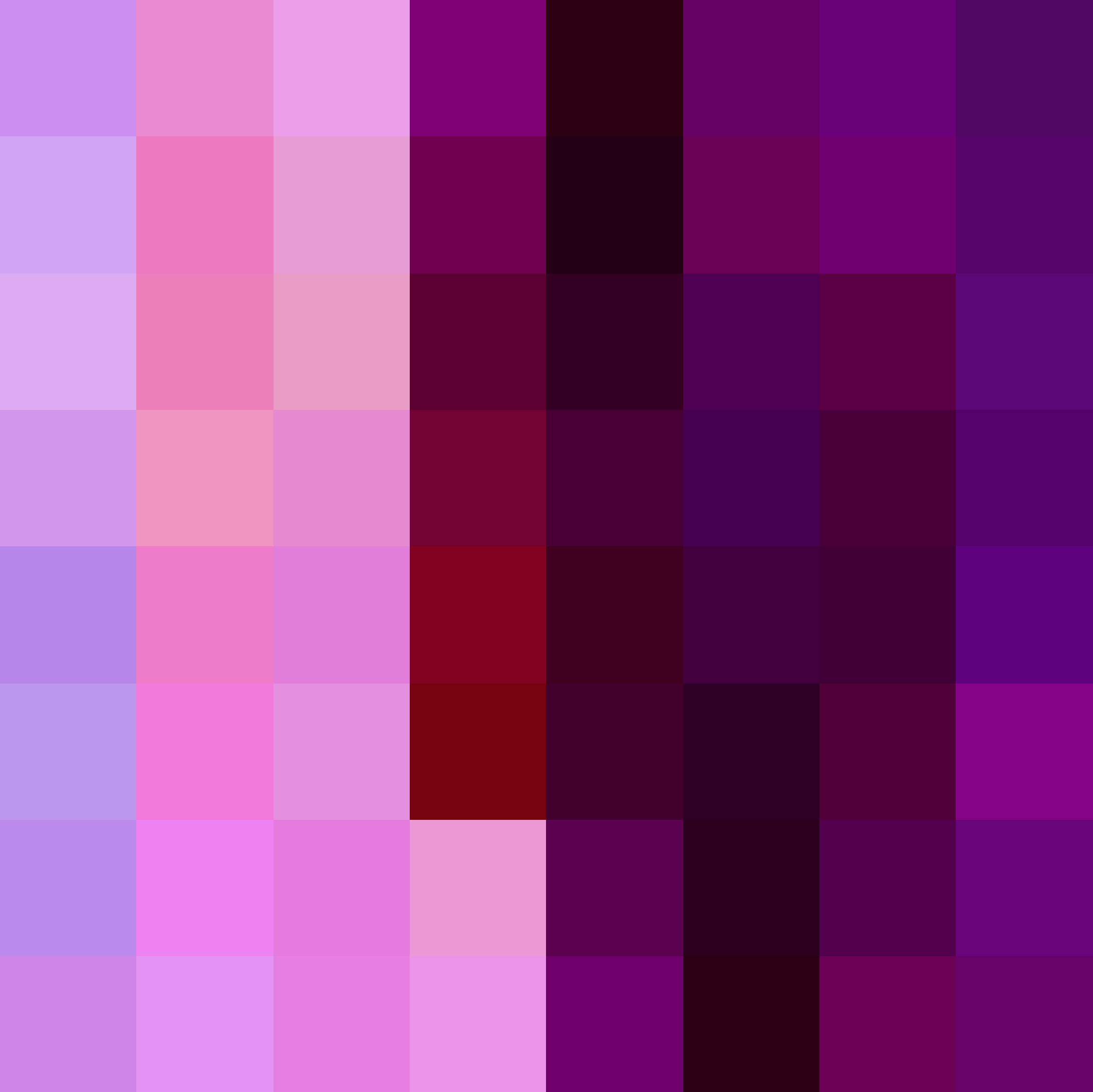
There's a colourful pixel gradient in this 8 by 8 grid. It is mostly red, but it also has quite some orange, some magenta, some yellow, and a little bit of rose in it.

A grid with 64 coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has quite some indigo, some magenta, a bit of purple, and a tiny bit of violet in it.

The cells in this 6 by 6 pixel grid form a gradient. It is mostly magenta, but it also has quite some purple, some blue, and a little bit of violet in it.

An 8 by 8 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, and it also has quite some purple, some rose, a little bit of violet, and a little bit of red 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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