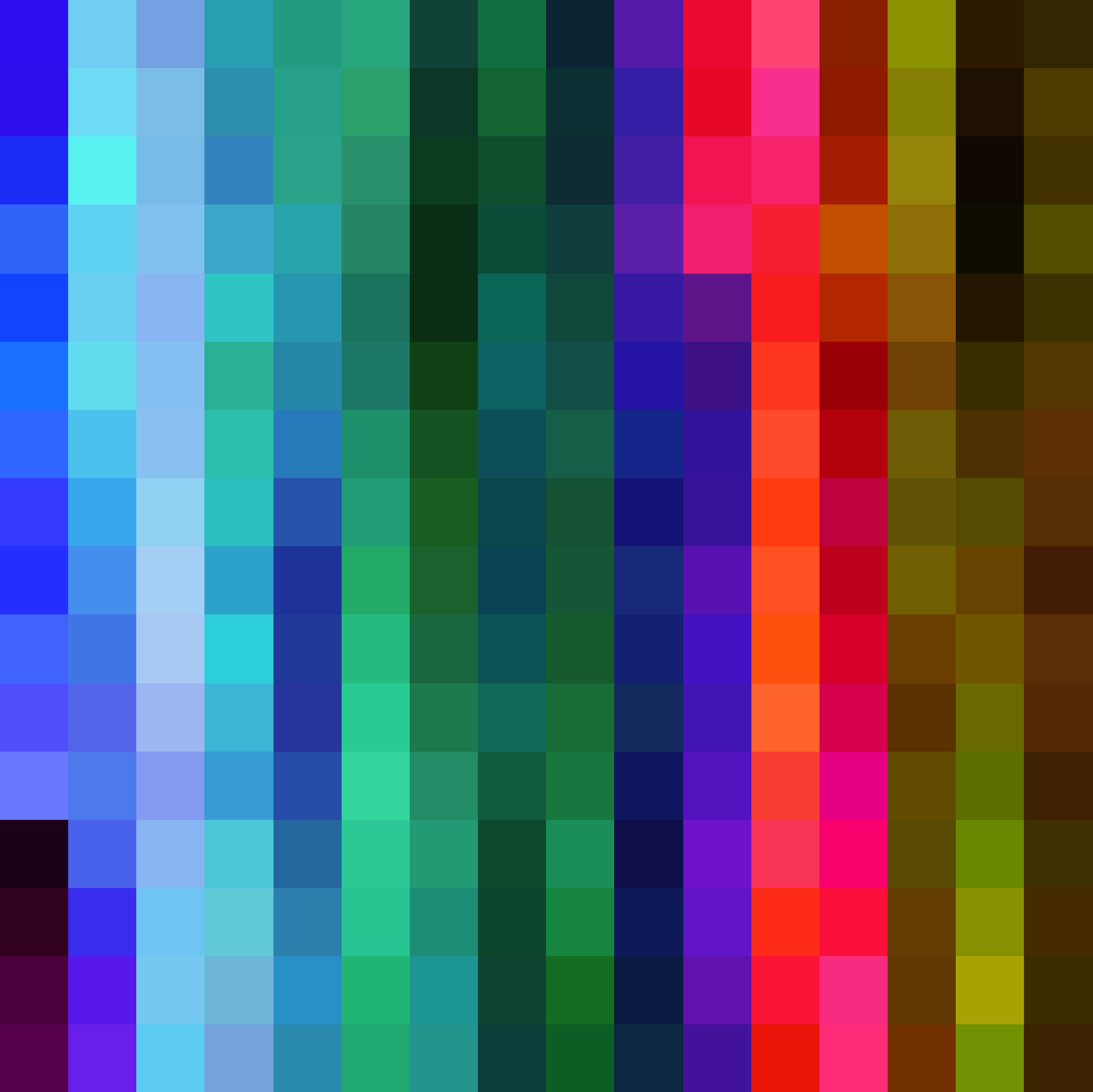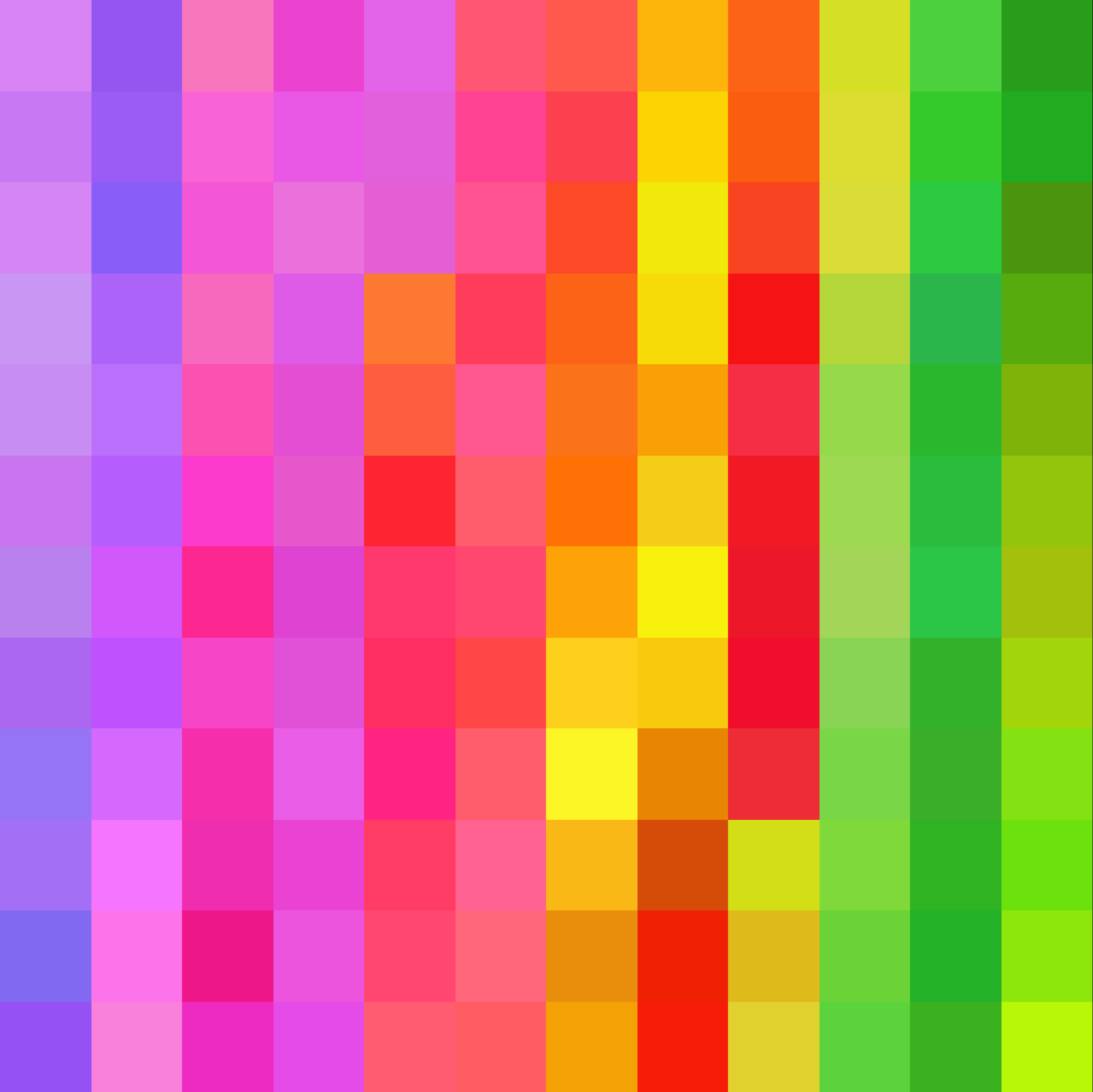# 100 random pixel gradients
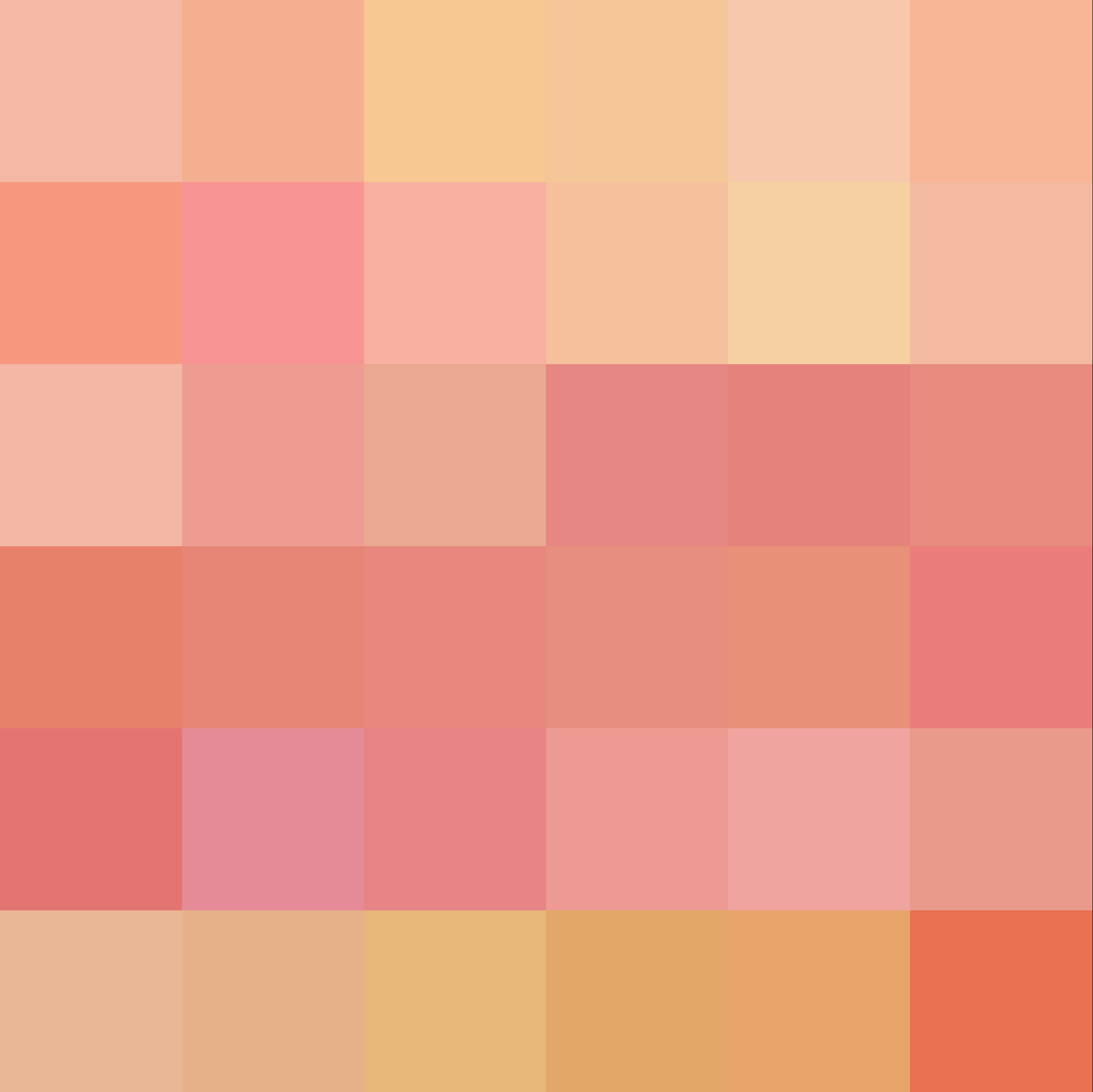
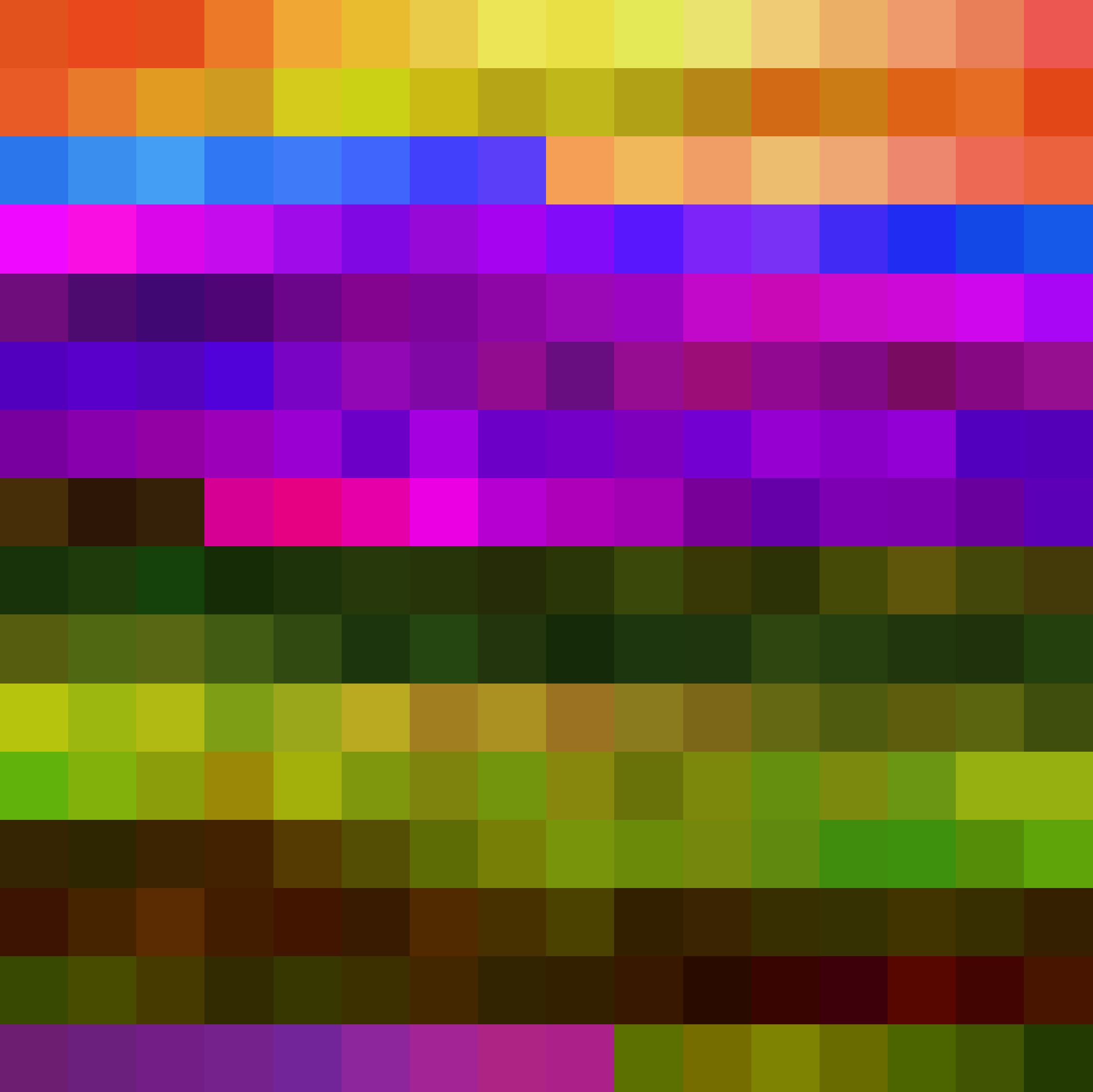Vasilis van Gemert – 22-01-2024

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

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

This two tone pixel gradient—it is 6 cells wide, 6 cells high—is mostly red, but it also has a lot of orange in it.

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

A 14 by 14 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has some indigo, a bit of yellow, a bit of cyan, a little bit of red, a little bit of magenta, a little bit of orange, a little bit of purple, a little bit of green, a tiny bit of rose, and a tiny bit of violet in it.
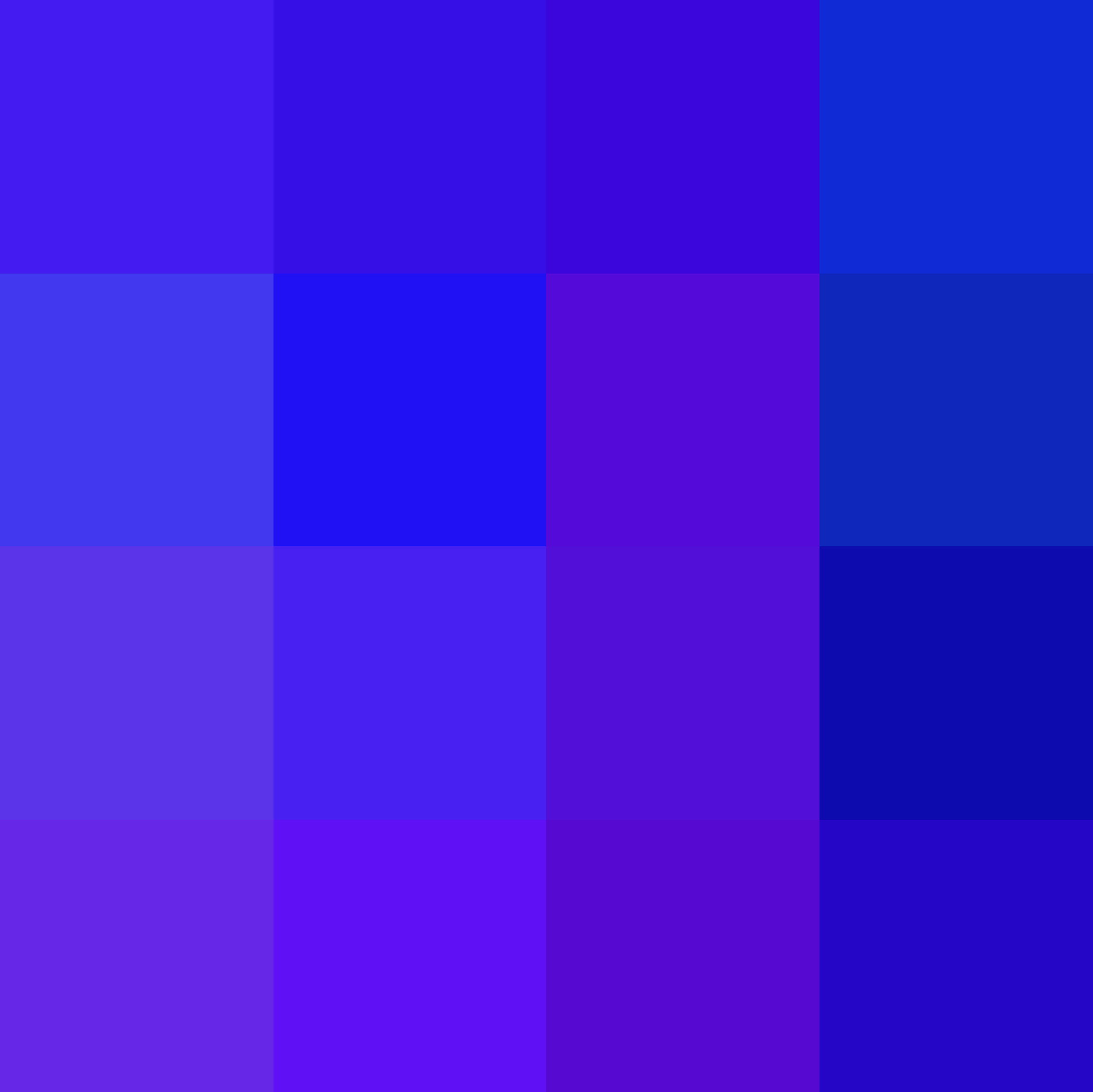
A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has a little bit of indigo, a little bit of orange, a tiny bit of violet, a tiny bit of purple, and a tiny bit of blue in it.
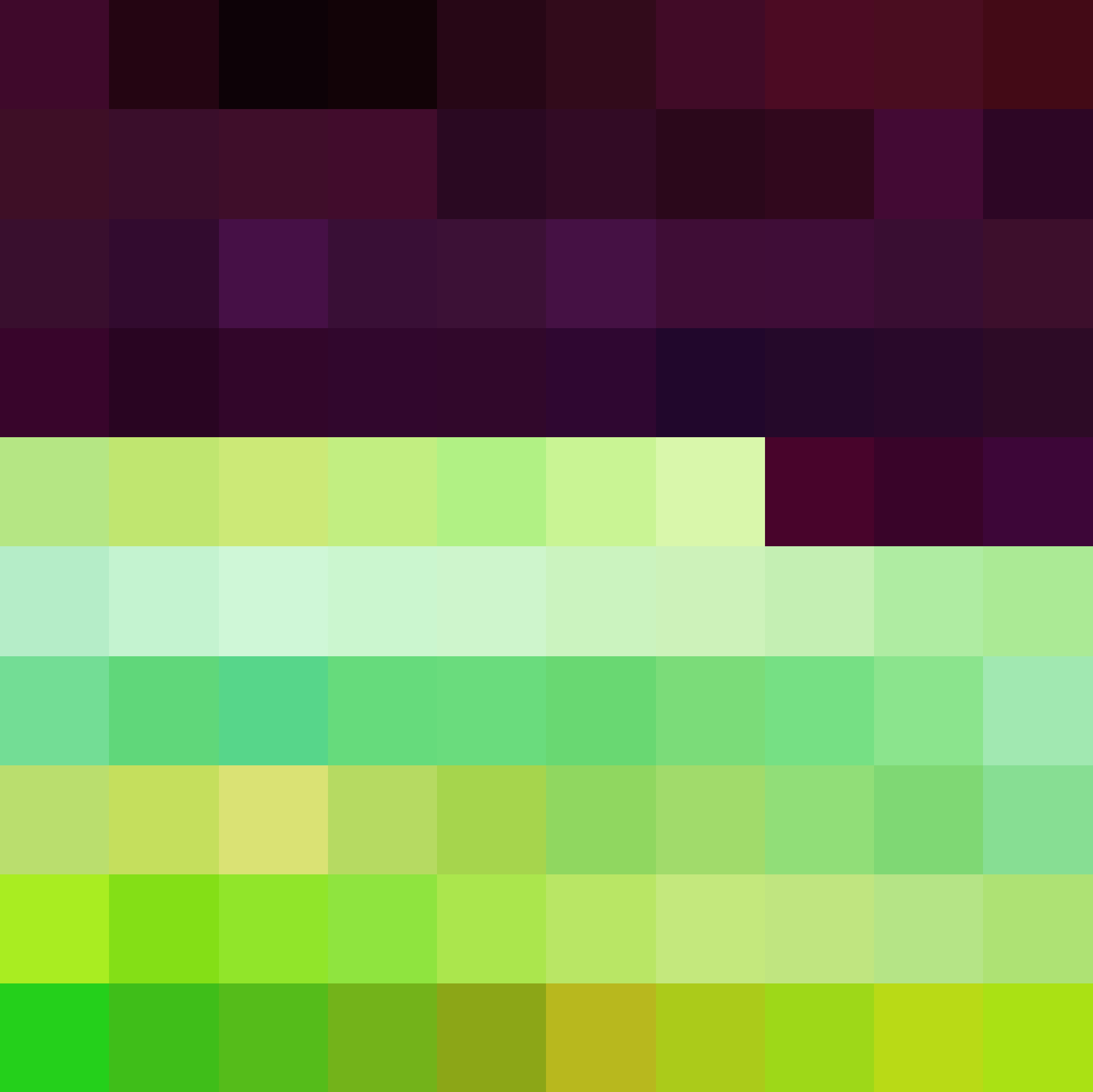
A 10 by 10 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has quite some magenta, some rose, a bit of lime, a little bit of yellow, a tiny bit of purple, and a tiny bit of red in it.
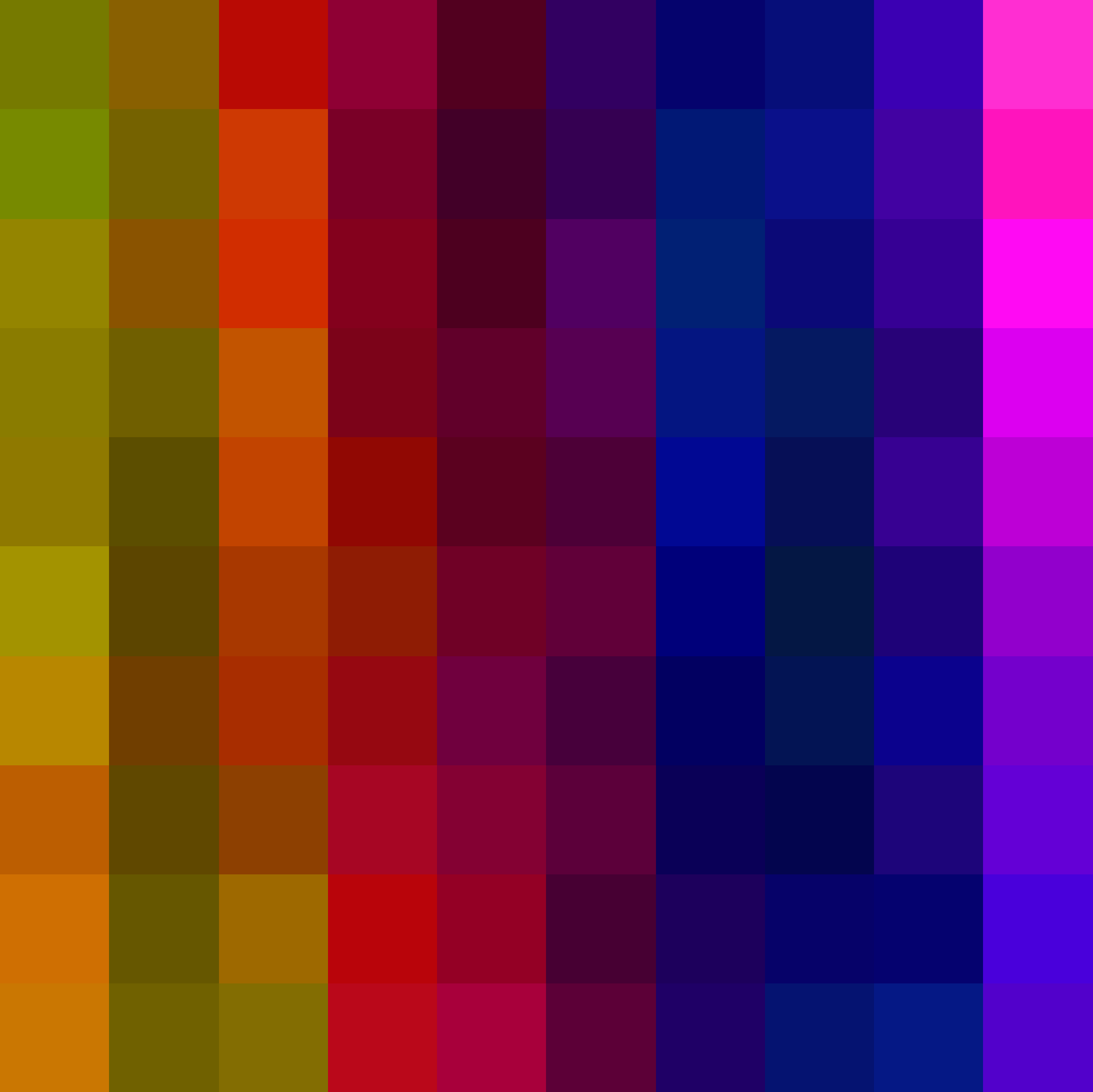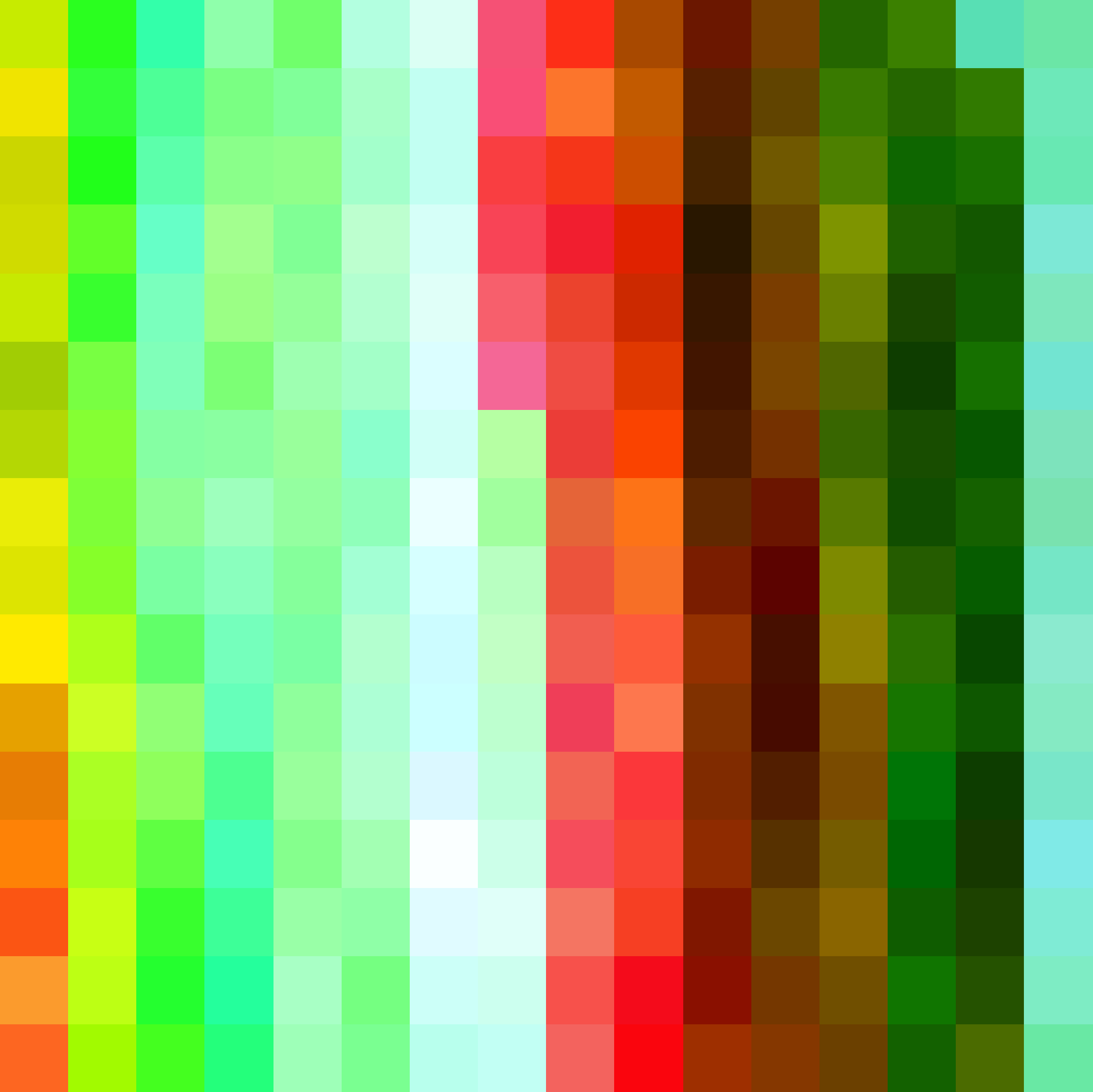
There's a pixel gradient in this 4 by 4 grid. It is mostly indigo, and it also has some violet, and some blue in it.

The cells in this 5 by 5 pixel grid form a two tone gradient. It is mostly yellow, but it also has a lot of orange in it.
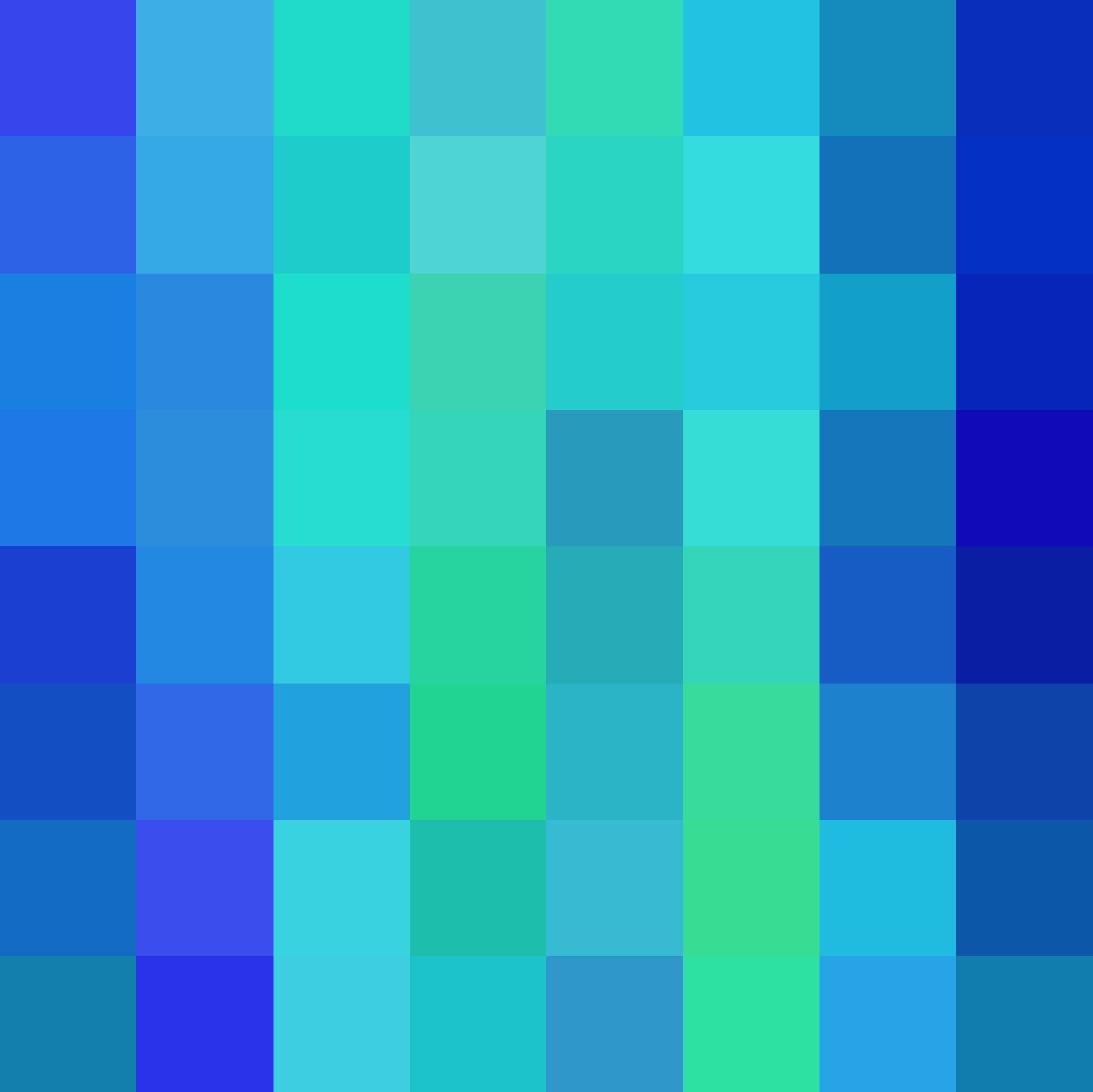
The gradient in this 10 by 10 pixel grid is mostly red, but it also has some orange, and some yellow in it.
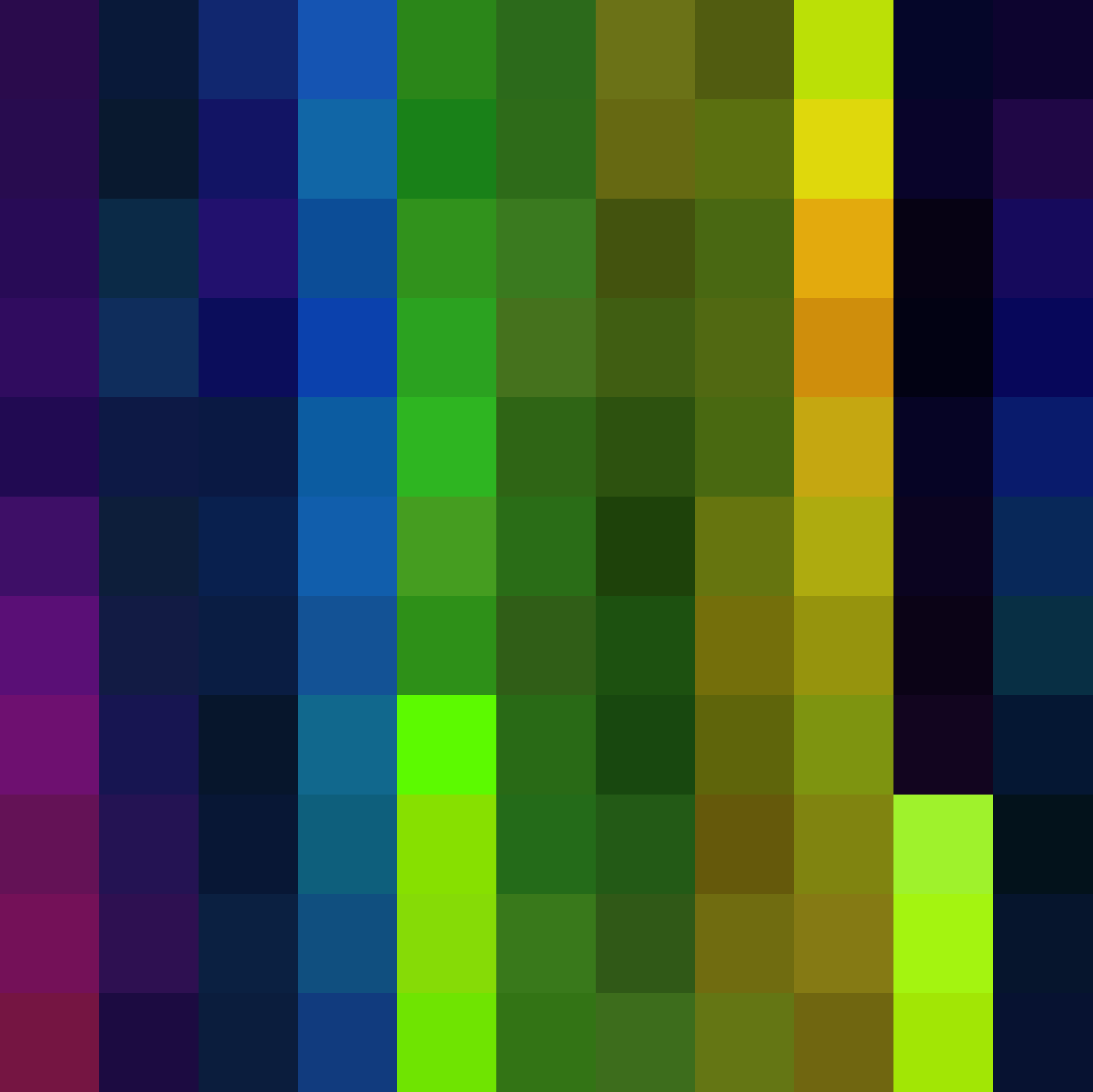
A 16 by 16 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly green, but it also has some orange, some red, a bit of cyan, a little bit of yellow, a little bit of lime, and a tiny bit of rose in it.

The gradient in this 7 by 7 pixel grid is mostly yellow, and it also has a lot of green, and some lime in it.

The gradient in this 8 by 8 pixel grid is mostly blue, but it also has quite some cyan, a bit of green, and a tiny bit of indigo in it.
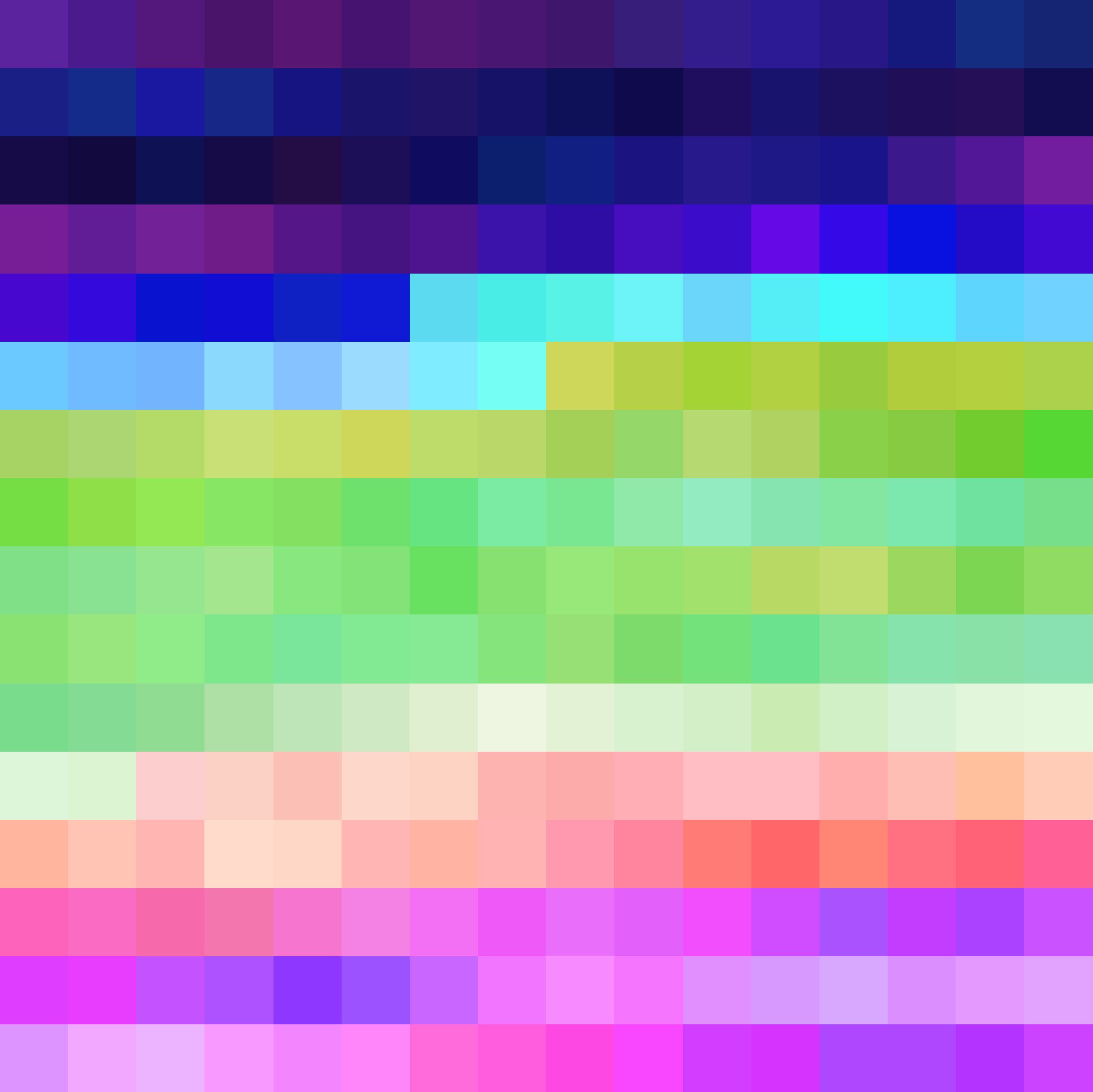
An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has quite some green, some yellow, a bit of indigo, a little bit of violet, a little bit of lime, a tiny bit of magenta, a tiny bit of purple, a tiny bit of orange, and a tiny bit of rose in it.
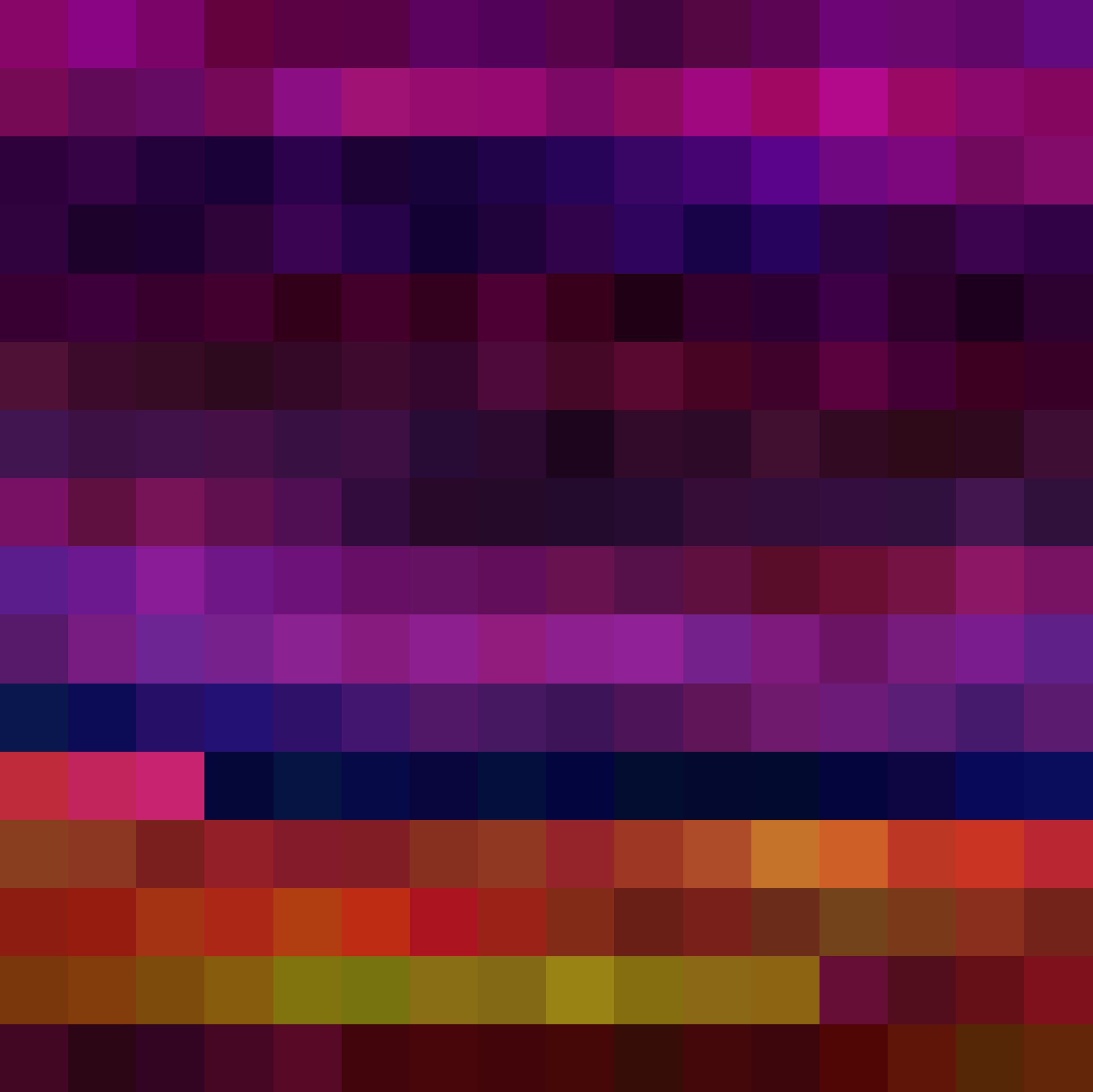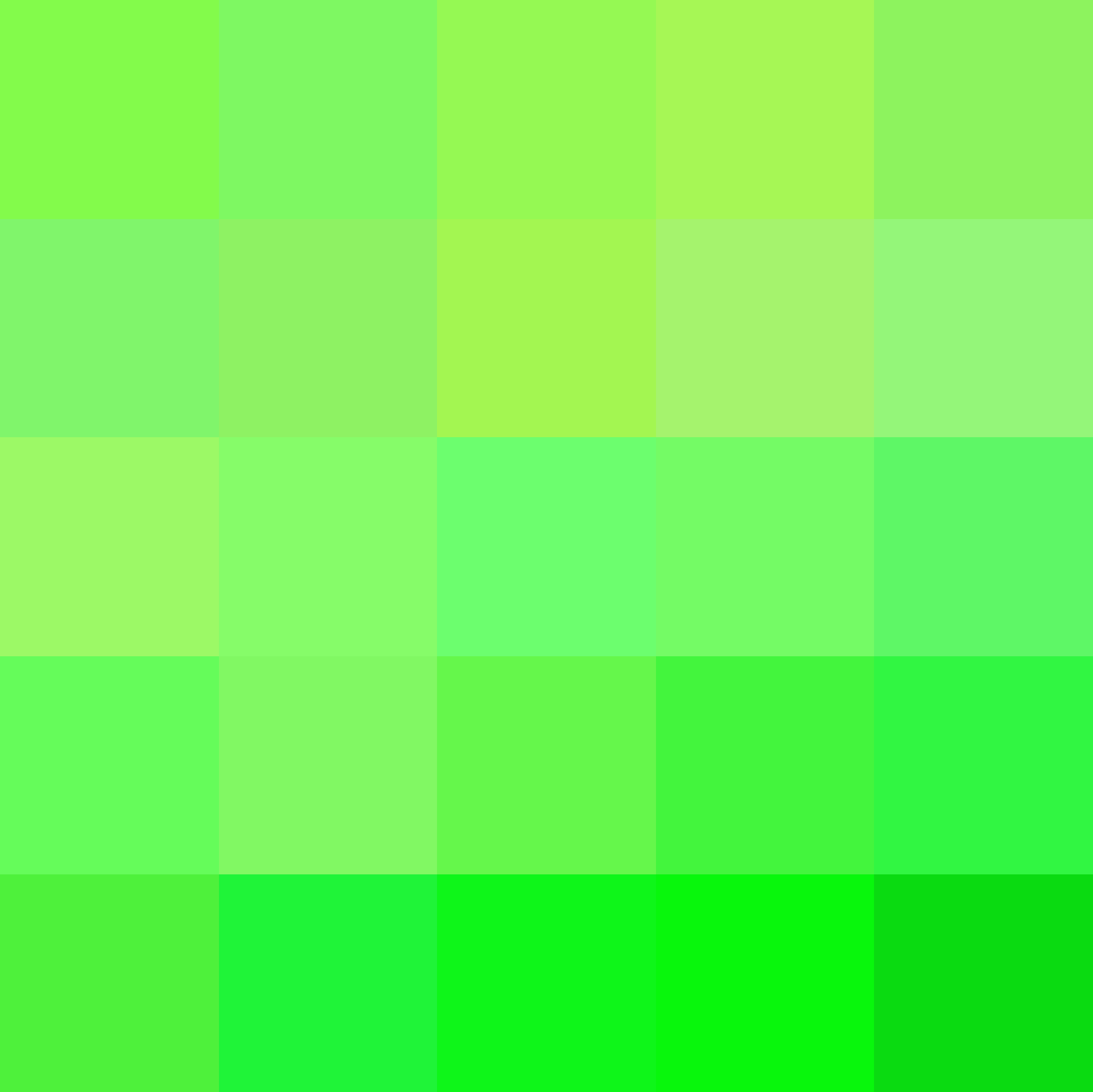
Here's a 16 by 16 pixelated grid that forms a very, very colourful gradient. It is mostly magenta, and it also has quite some purple, some red, a little bit of orange, a little bit of rose, a little bit of blue, a little bit of violet, a tiny bit of yellow, and a tiny bit of indigo in it.

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

There's a monochrome pixel gradient in this 5 by 5 grid. It is green.

There's a colourful pixel gradient in this 12 by 12 grid. It is mostly orange, and it also has quite some red, quite some green, some yellow, and a little bit of lime 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, and it also has quite some green, some indigo, a bit of cyan, a bit of purple, a little bit of violet, a little bit of magenta, a tiny bit of rose, and a tiny bit of red in it.
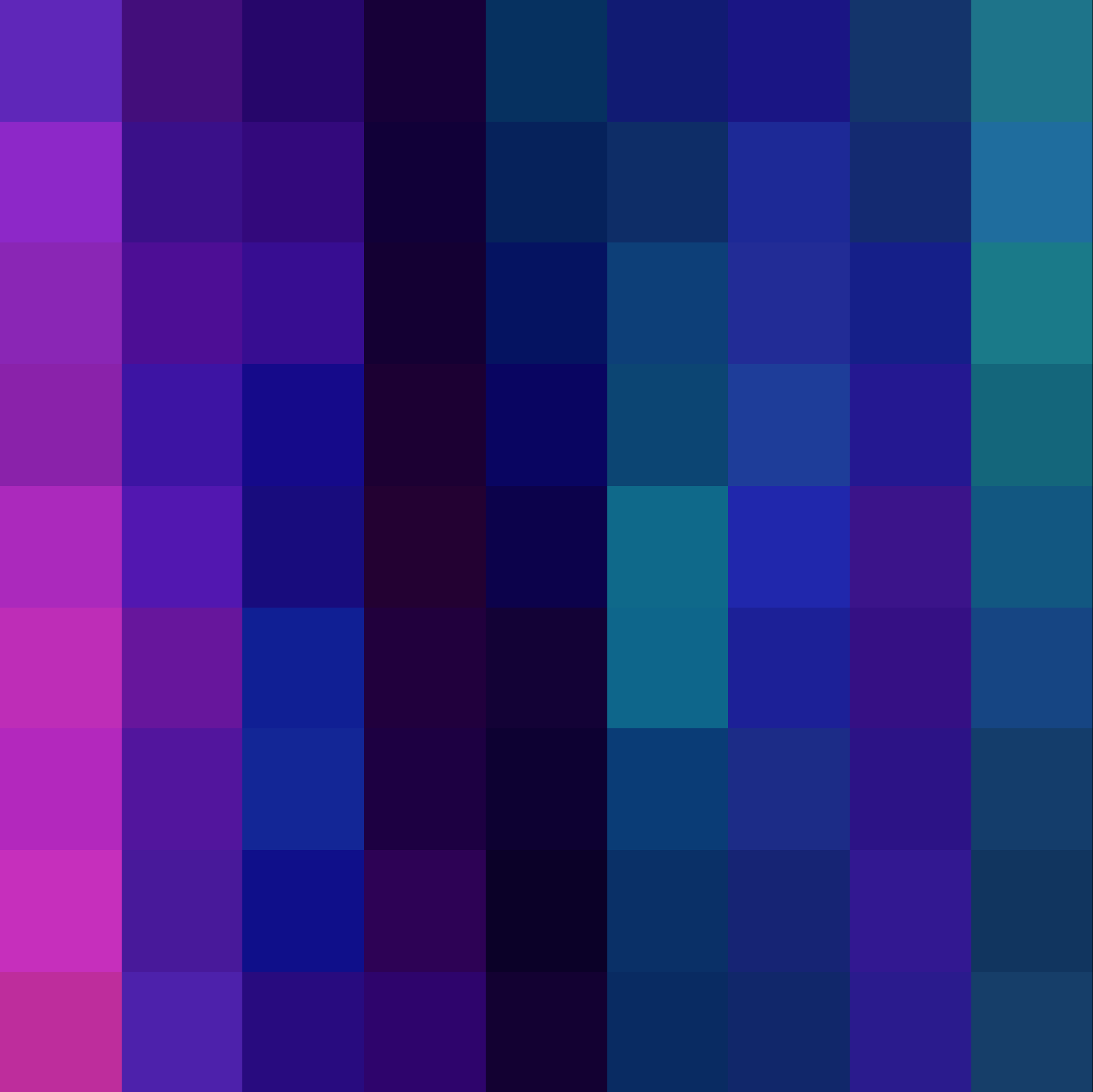
Here's a 9 by 9 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some indigo, some violet, a bit of purple, a little bit of magenta, and a little bit of cyan in it.
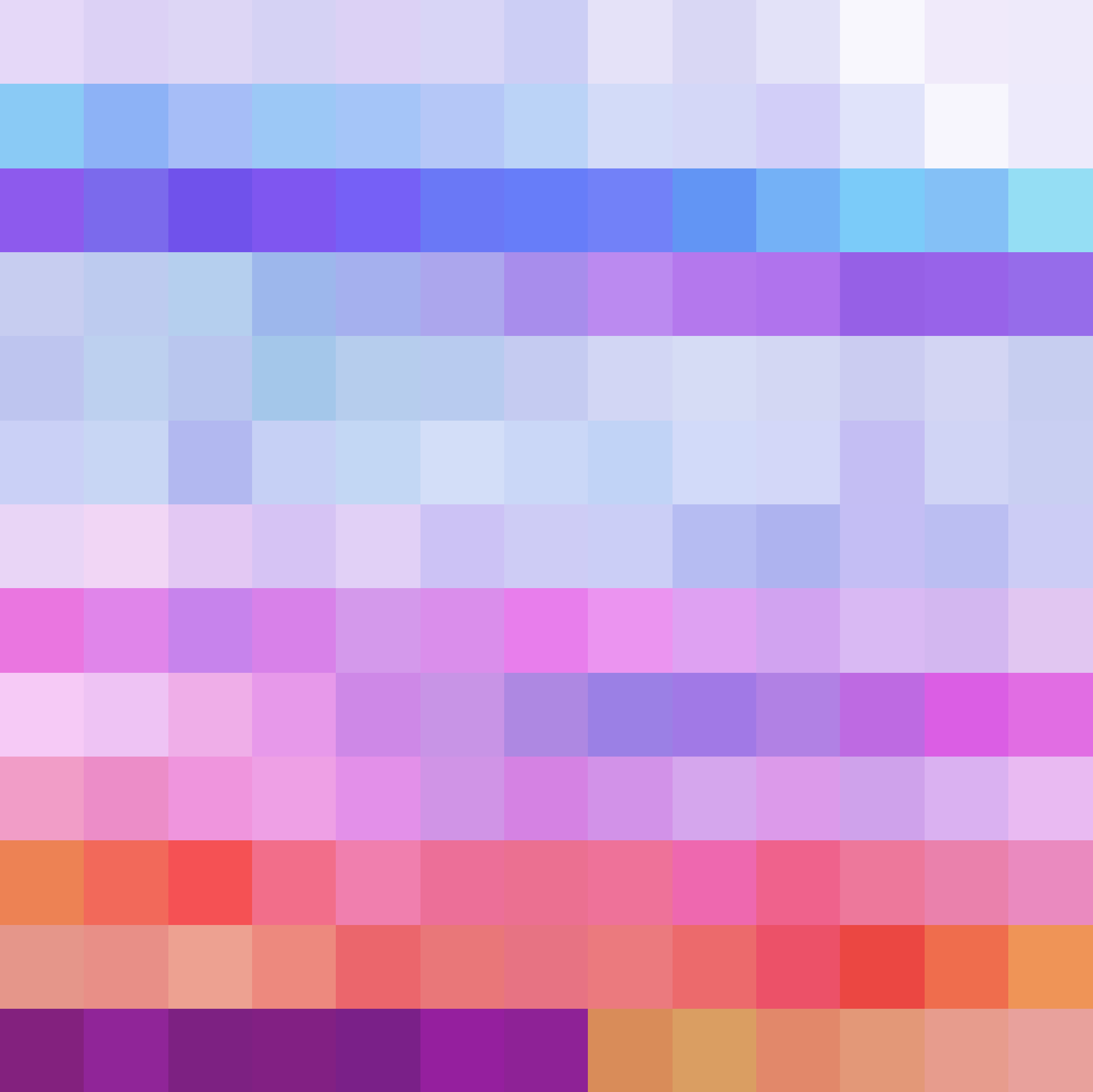
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly blue, but it also has some indigo, some purple, some magenta, some red, a bit of violet, a little bit of rose, and a little bit of orange in it.
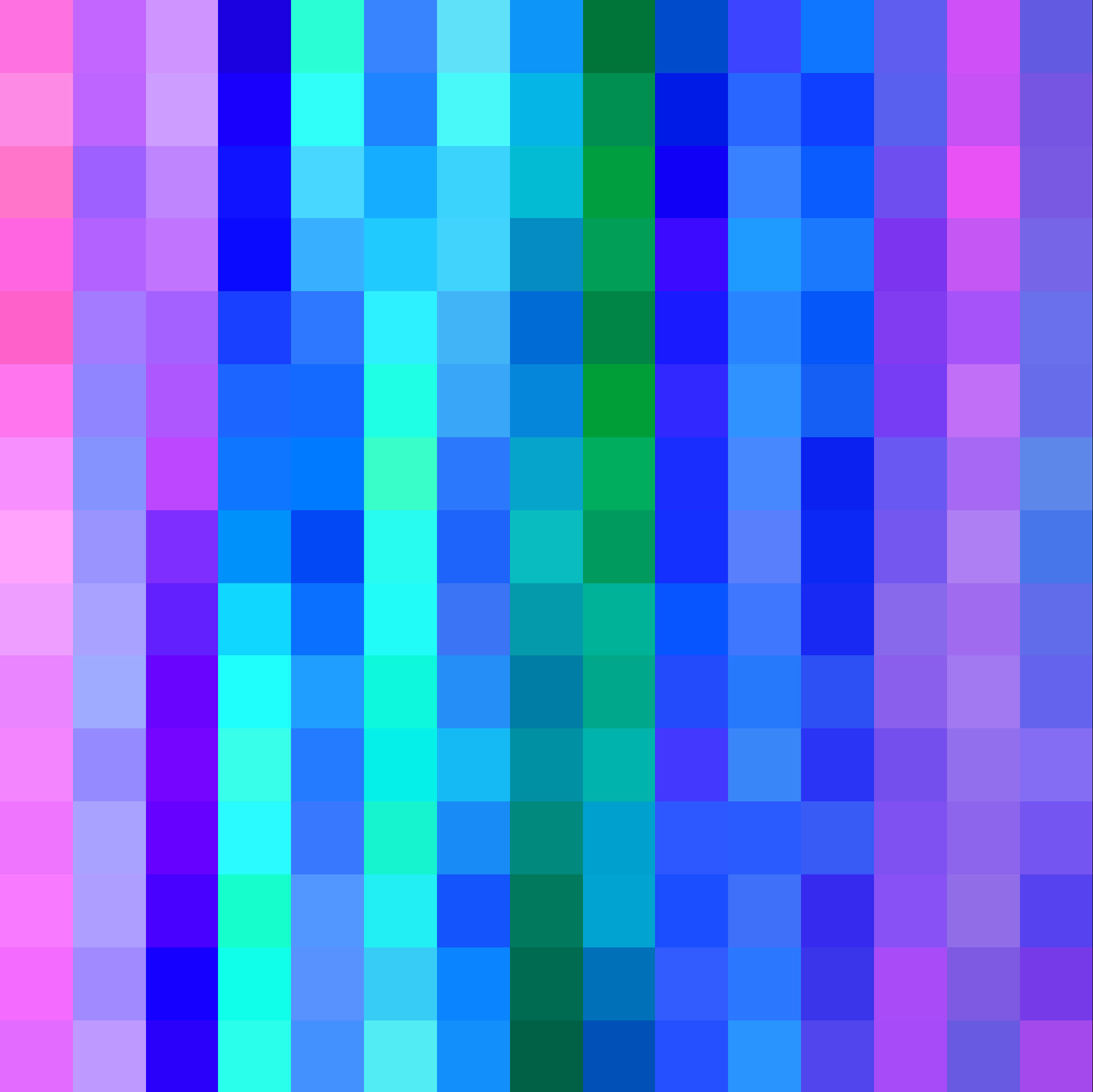
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly yellow, and it also has quite some orange, and a tiny bit of lime in it.

The cells in this 14 by 14 pixel grid form a very, very colourful gradient. It is mostly magenta, but it also has some purple, some cyan, some violet, a bit of blue, a little bit of rose, a little bit of orange, a little bit of red, a little bit of indigo, a little bit of green, a tiny bit of yellow, and a tiny bit of lime in it.
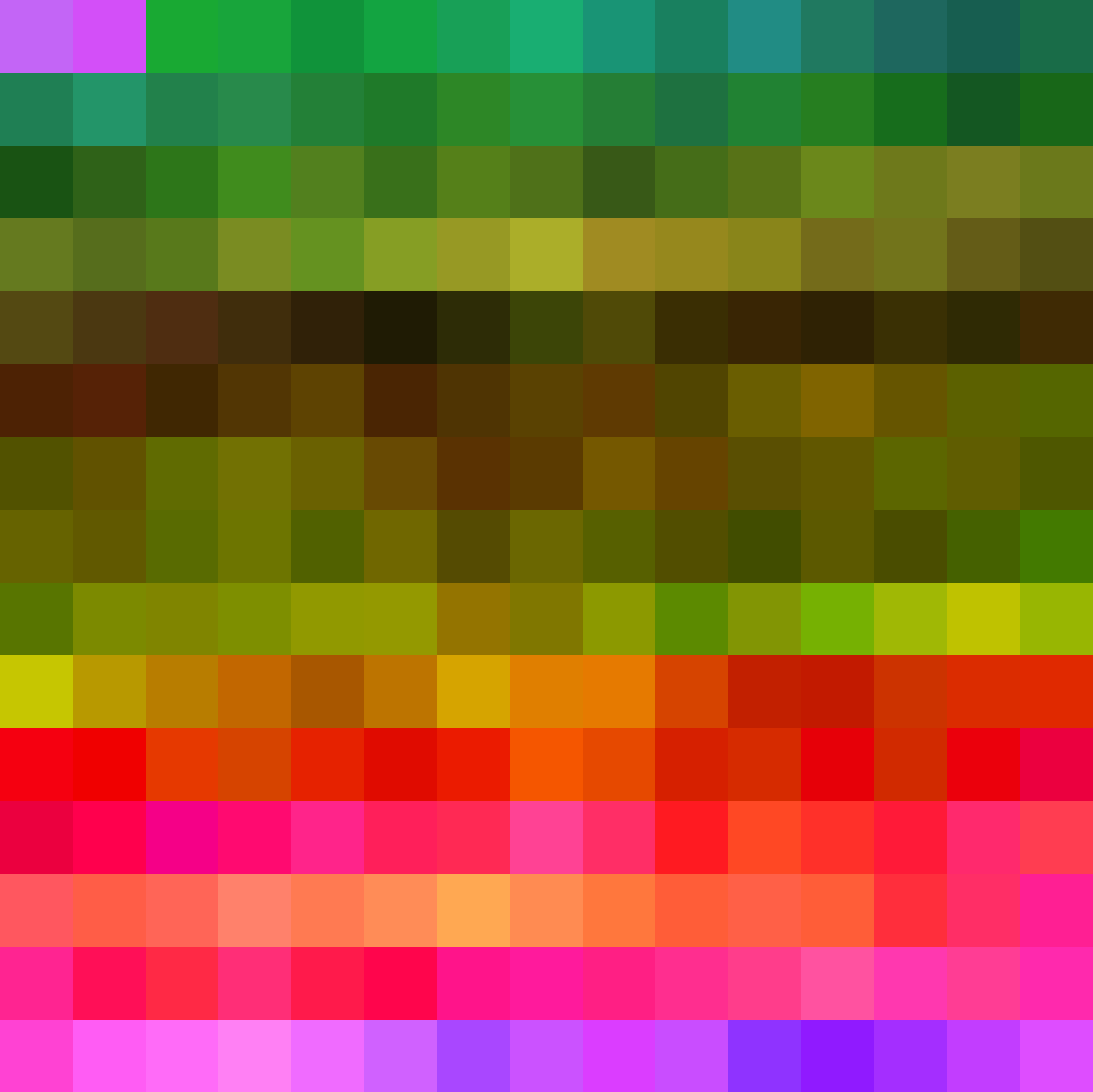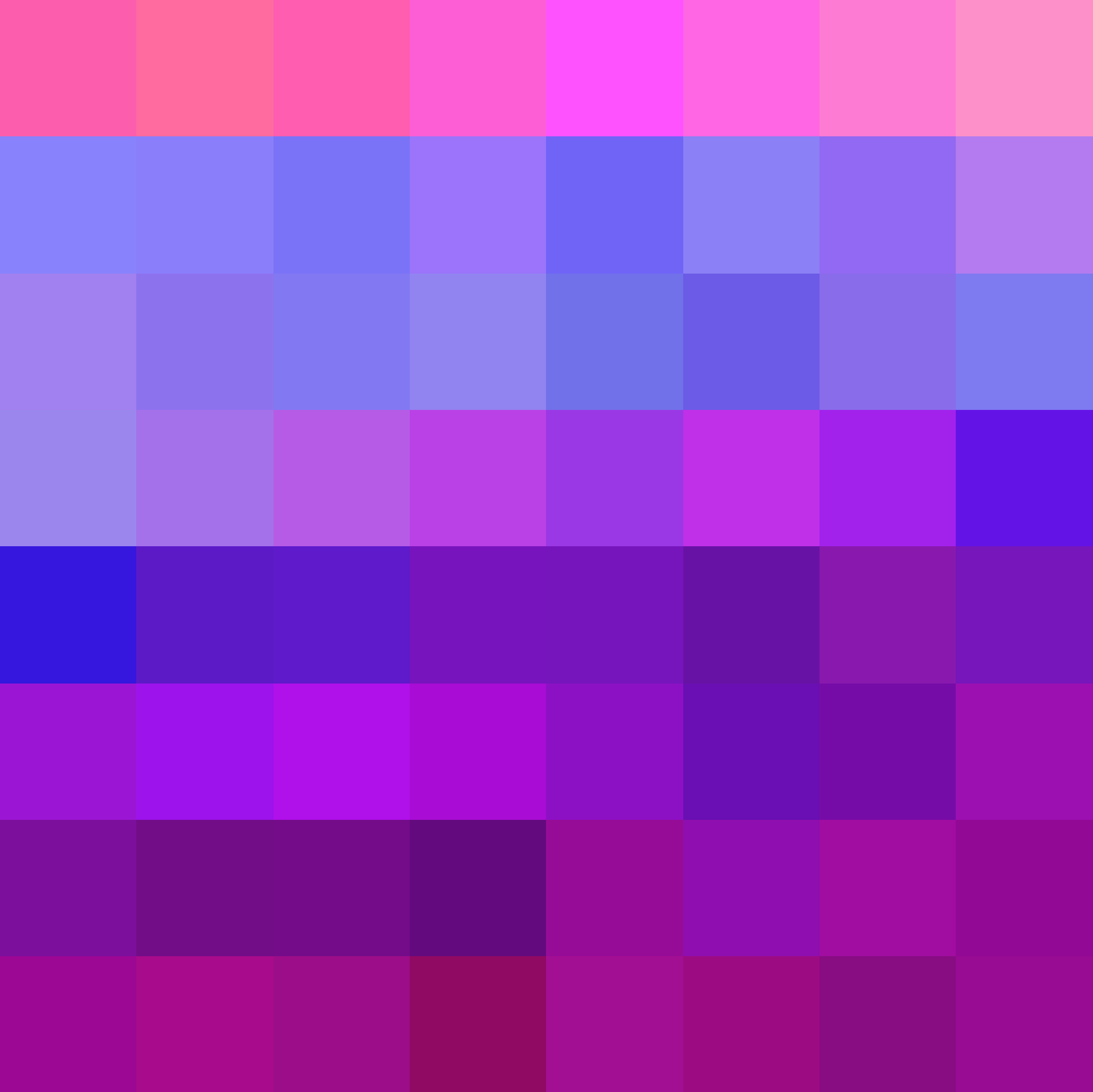
A 15 by 15 grid with coloured squares that form a very colourful gradient. The colours are various shades of mostly blue, and it also has some indigo, some cyan, a bit of purple, a bit of violet, a little bit of magenta, and a little bit of green in it.
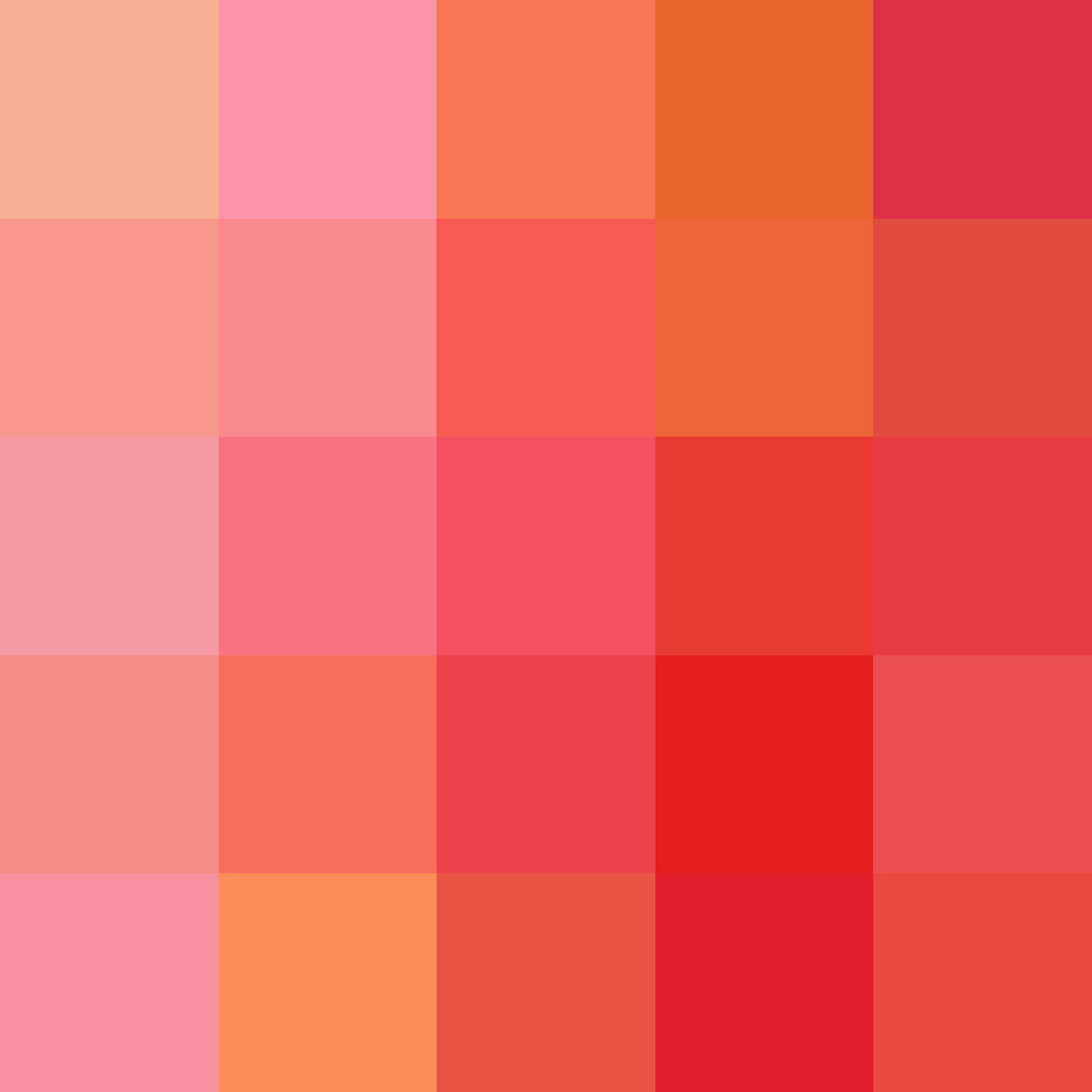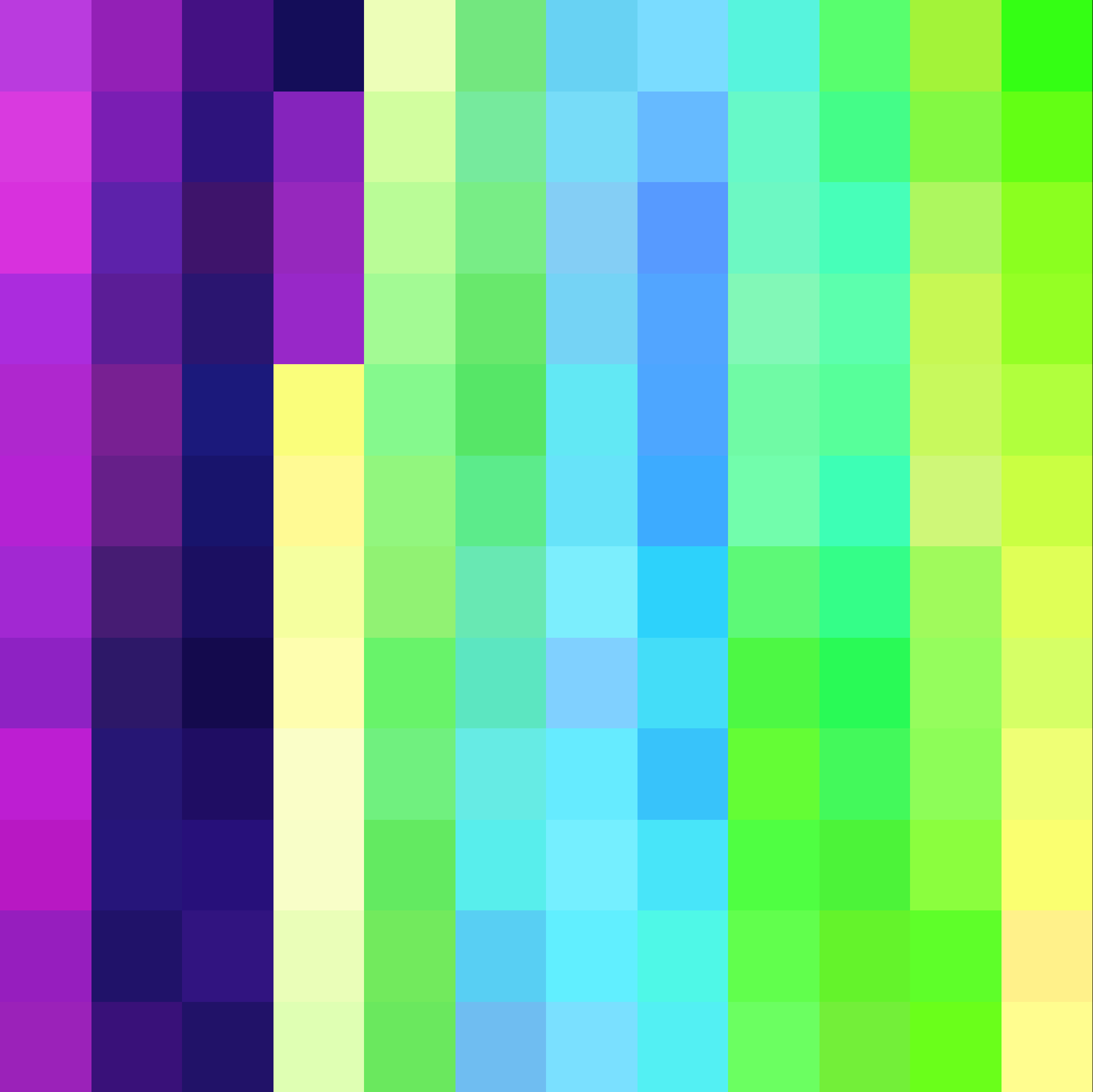
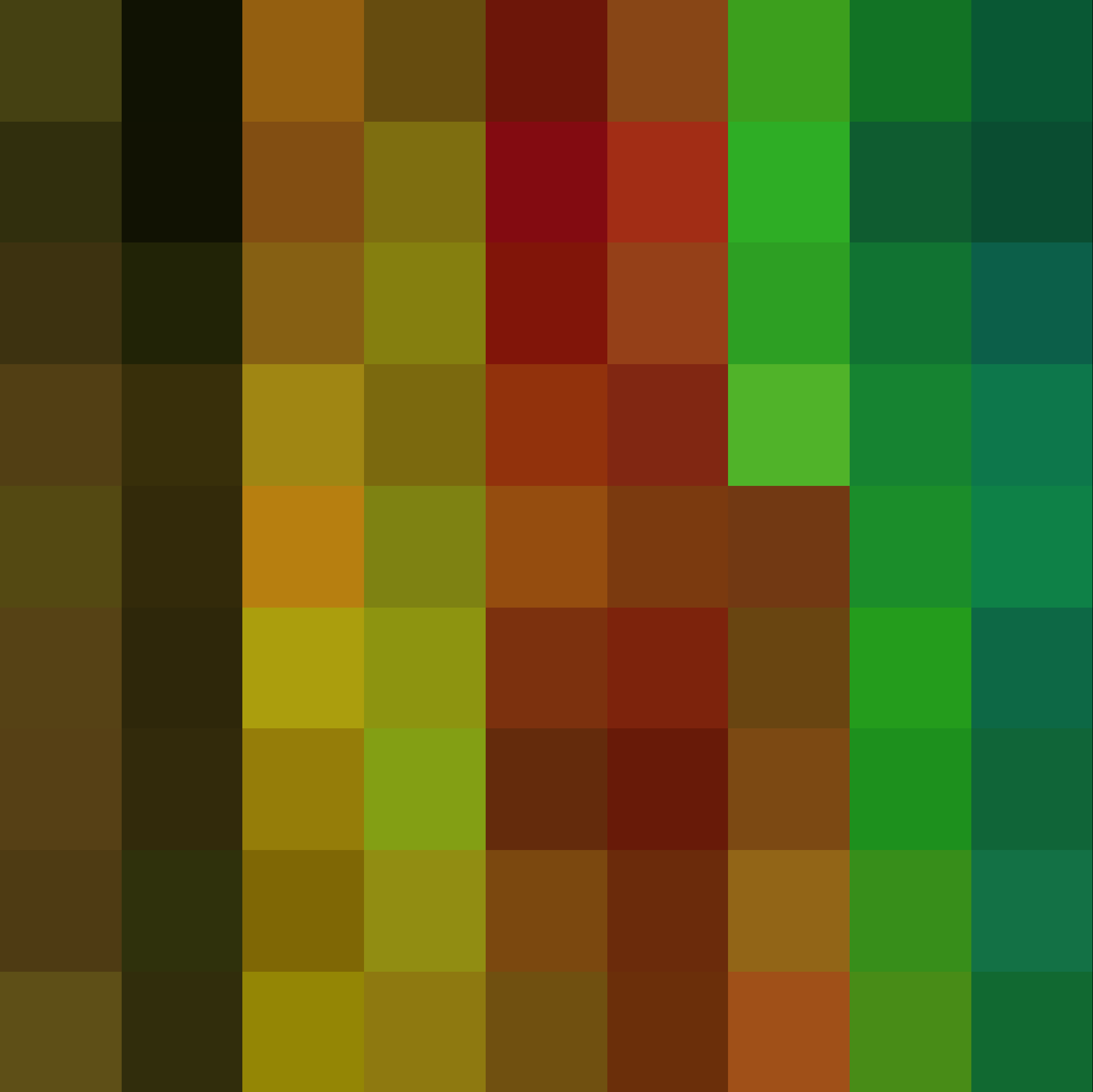A two tone grid of 25 blocks. It's mostly red, but it also has some orange in it.

A grid with 225 coloured squares that form a very colourful gradient. The colours are various shades of mostly red, but it also has quite some yellow, some green, some orange, a little bit of lime, a tiny bit of cyan, and a tiny bit of purple in it.

This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly purple, and it also has quite some magenta, quite some indigo, a bit of violet, a little bit of rose, and a tiny bit of blue in it.
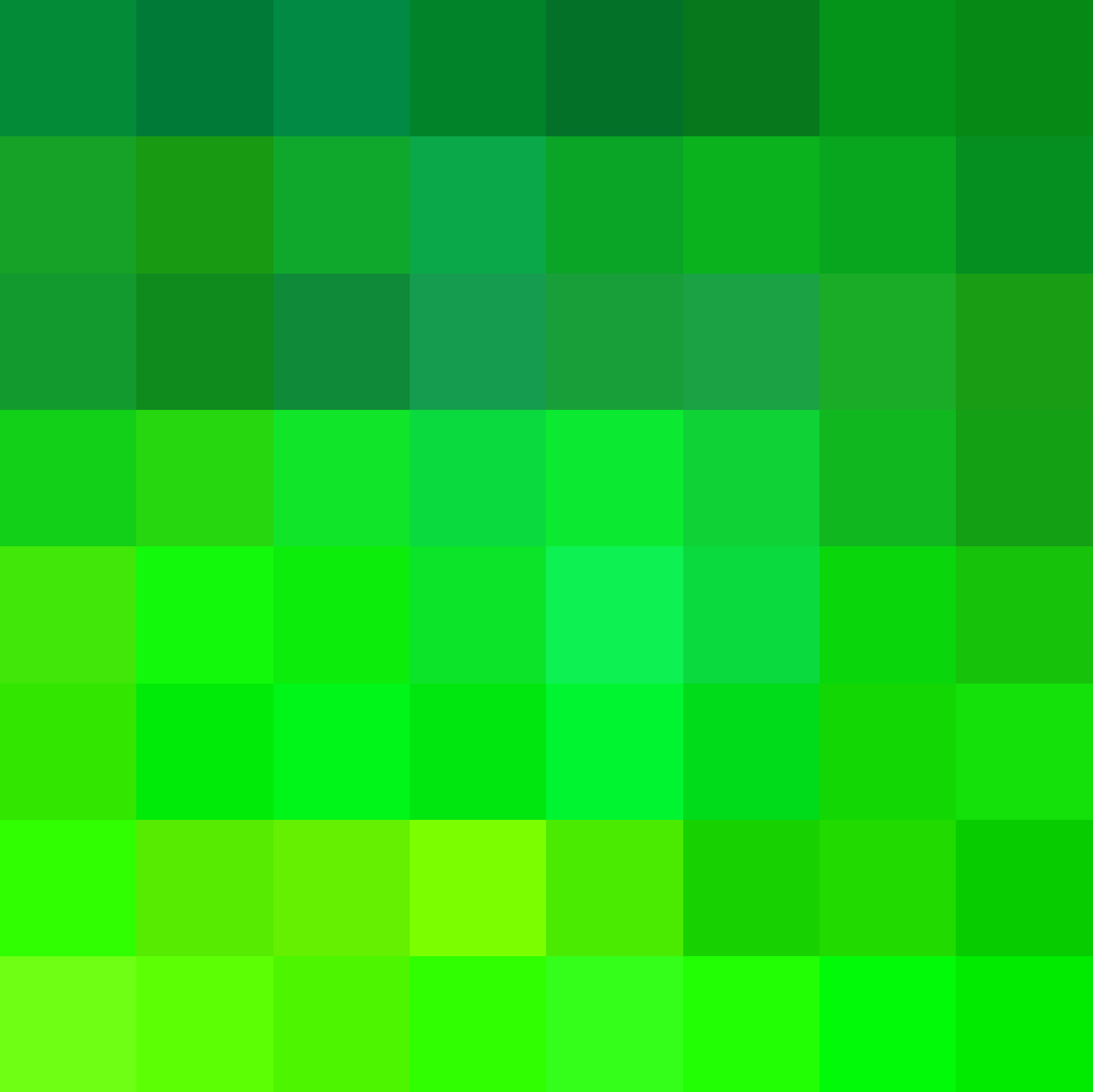
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, and it also has some purple, some cyan, a bit of indigo, a bit of blue, a bit of yellow, a little bit of lime, a little bit of violet, and a little bit of magenta in it.

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 orange, quite some green, a bit of red, a tiny bit of lime, and a tiny bit of cyan in it.
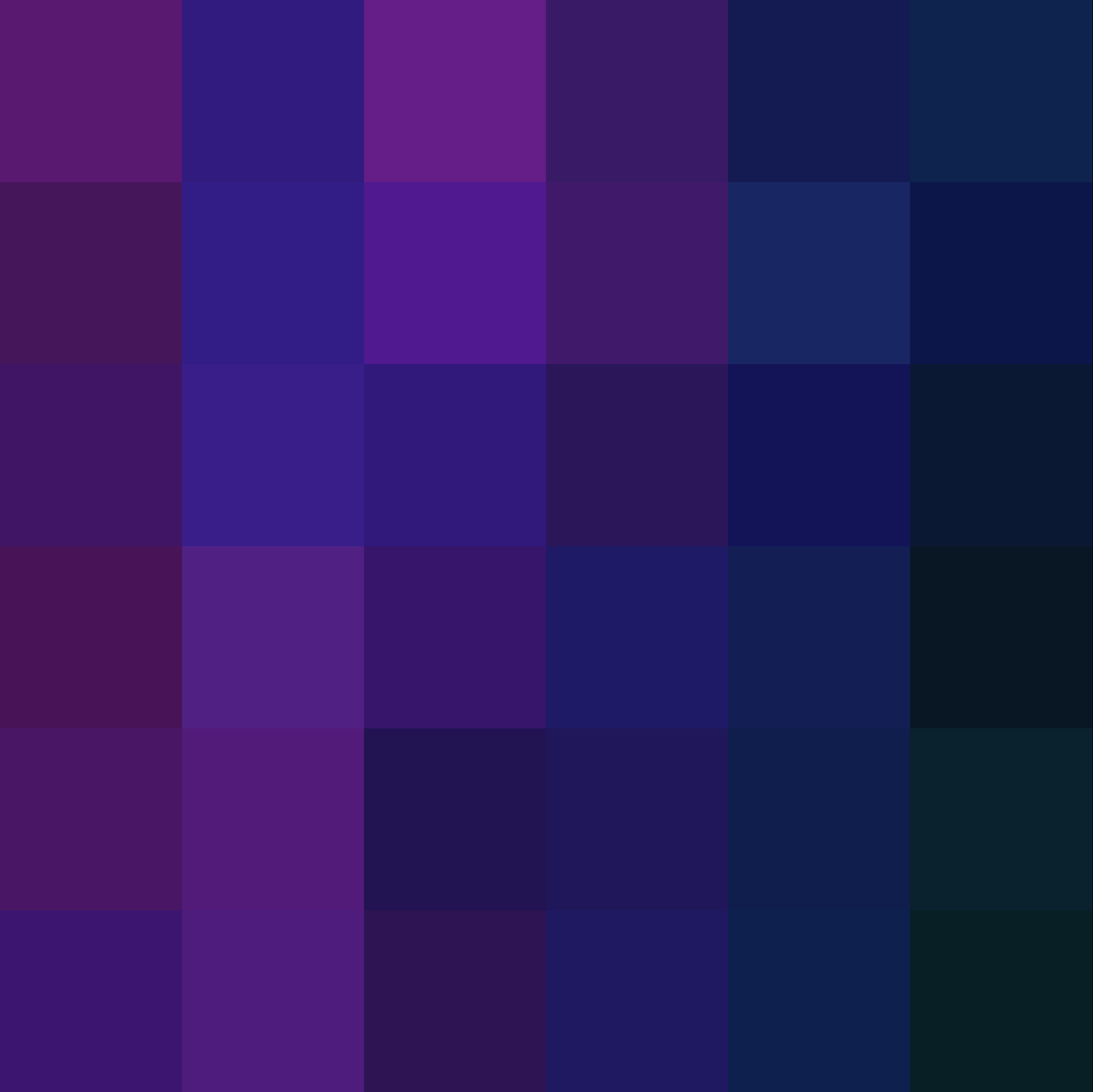
A grid with 49 coloured squares that form a gradient. The colours are various shades of mostly red, but it also has quite some rose, some orange, and a little bit of yellow in it.

The monochrome gradient in this 8 by 8 pixel grid is green.

This colourful gradient, generated in this 6 by 6 pixel grid, is mostly blue, but it also has quite some indigo, quite some purple, some violet, and a little bit of cyan in it.
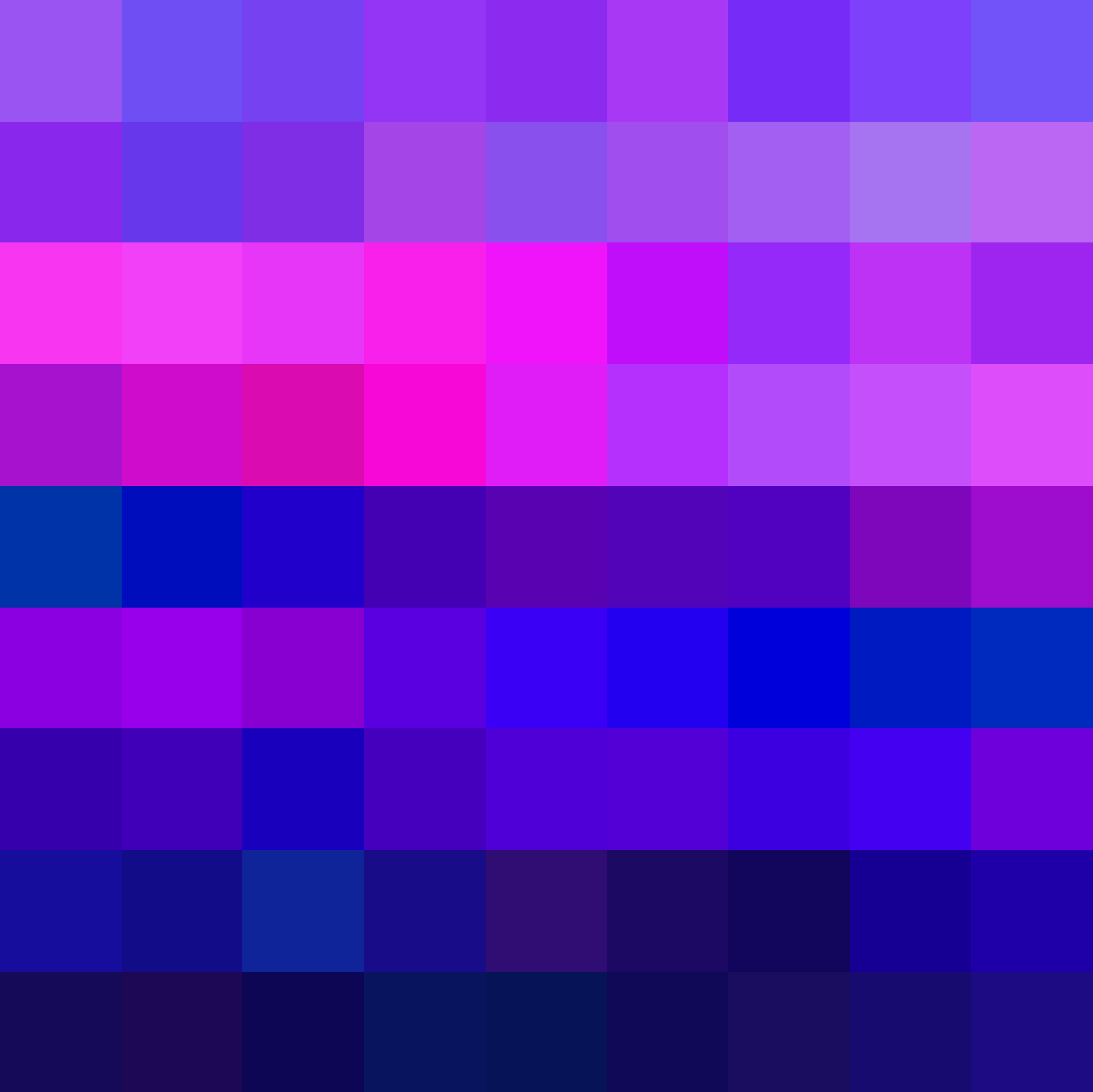
There's a very, very colourful pixel gradient in this 13 by 13 grid. It is mostly green, and it also has some blue, some magenta, a little bit of indigo, a little bit of cyan, a little bit of purple, a tiny bit of violet, and a tiny bit of rose in it.
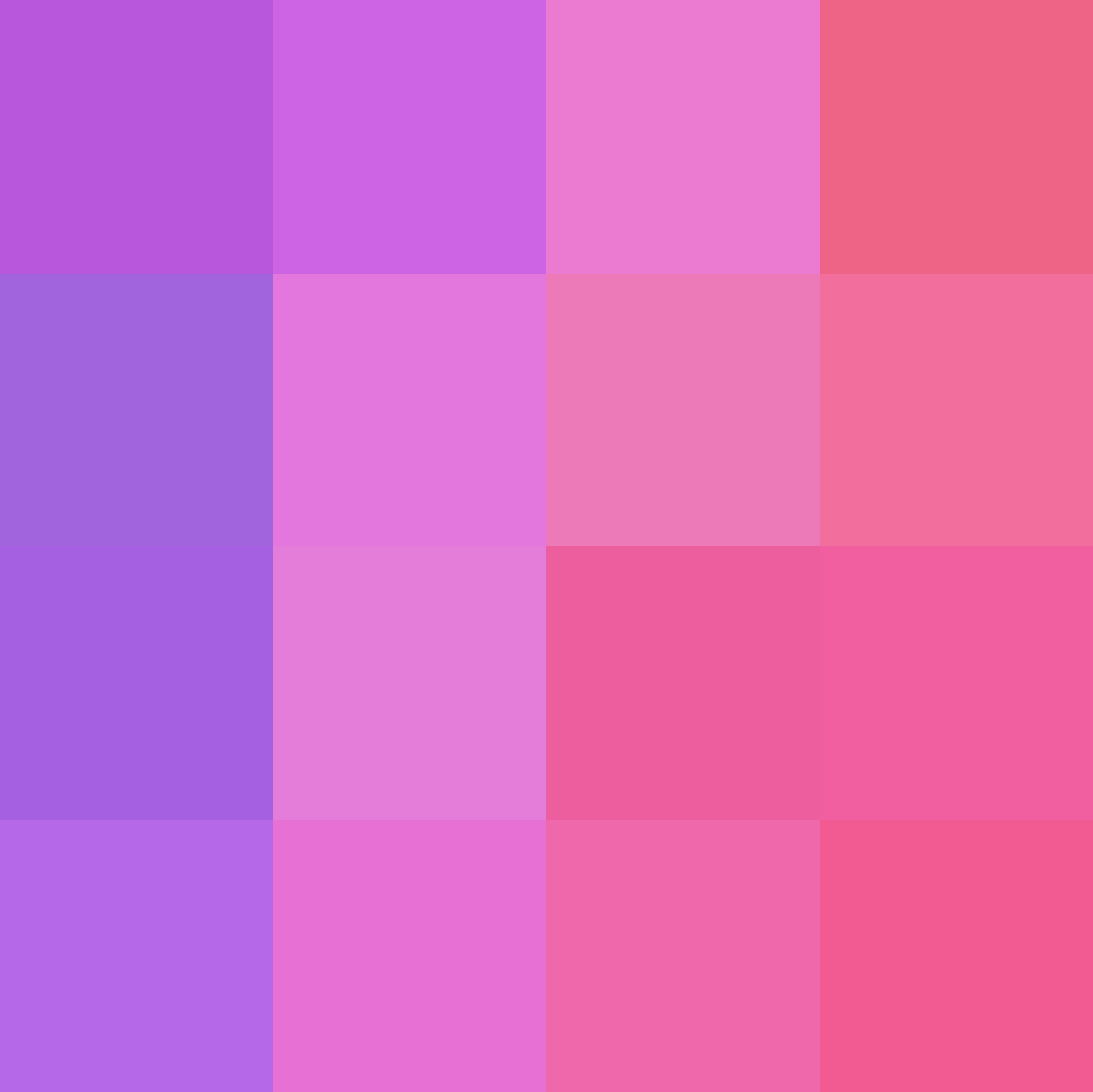
A grid with 16 coloured squares that form a colourful gradient. The colours are various shades of mostly rose, but it also has quite some purple, quite some magenta, a little bit of violet, and a little bit of red in it.
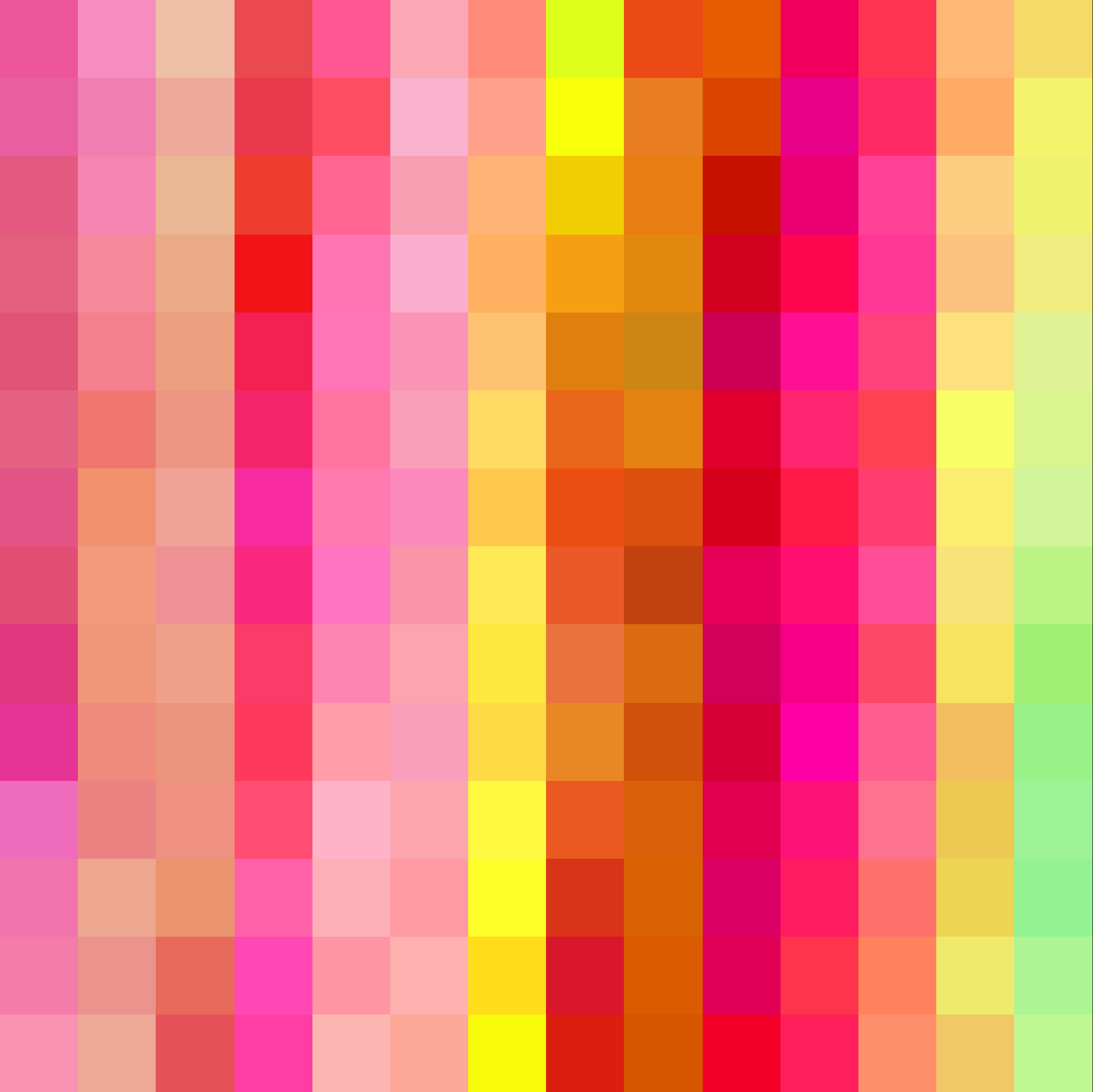
The cells in this 14 by 14 pixel grid form a very colourful gradient. It is mostly red, and it also has quite some rose, some orange, some yellow, a little bit of green, a little bit of magenta, and a tiny bit of lime in it.
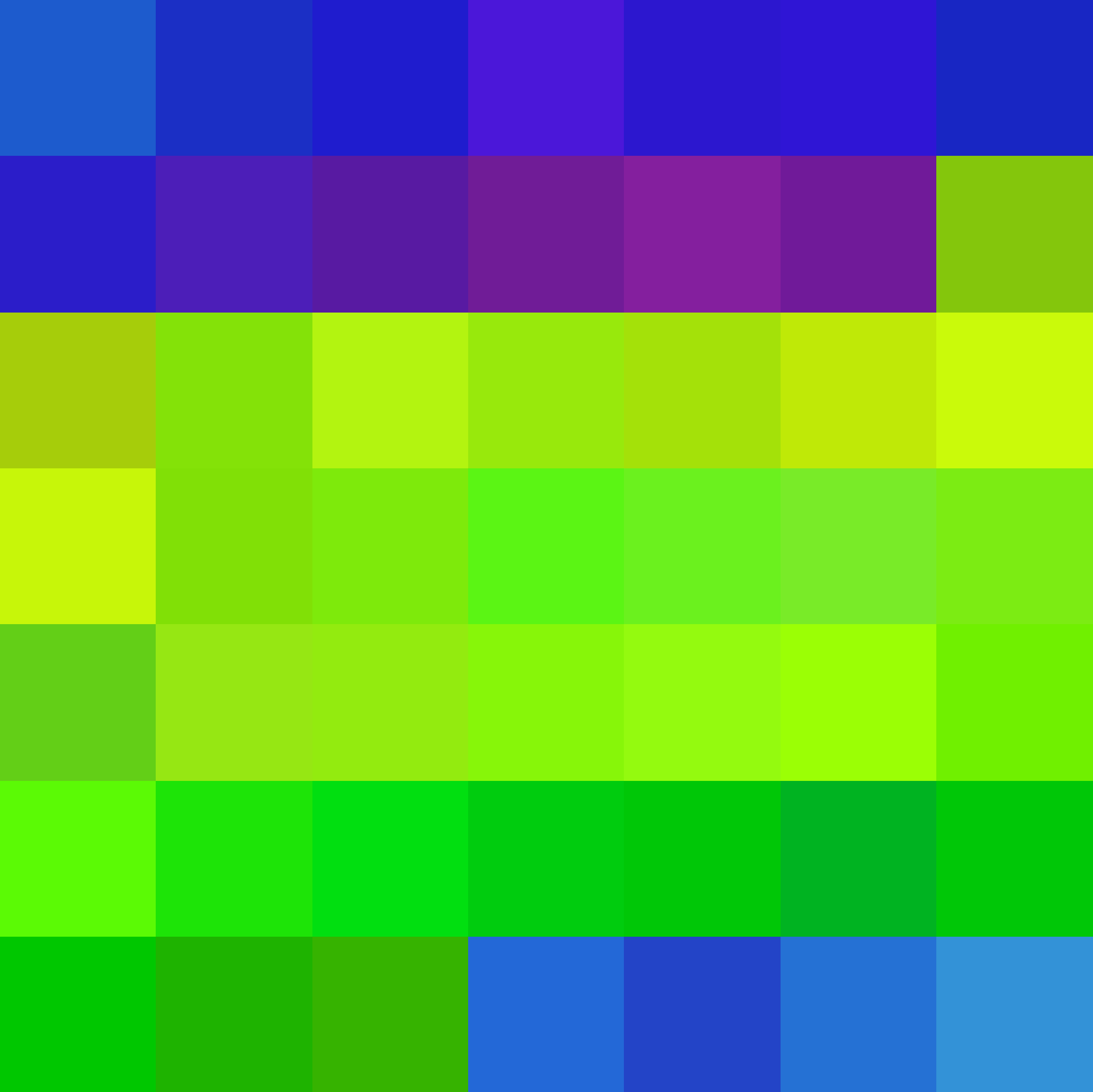
The colourful gradient in this 9 by 9 pixel grid is mostly indigo, and it also has quite some violet, quite some purple, some magenta, and a bit of blue in it.
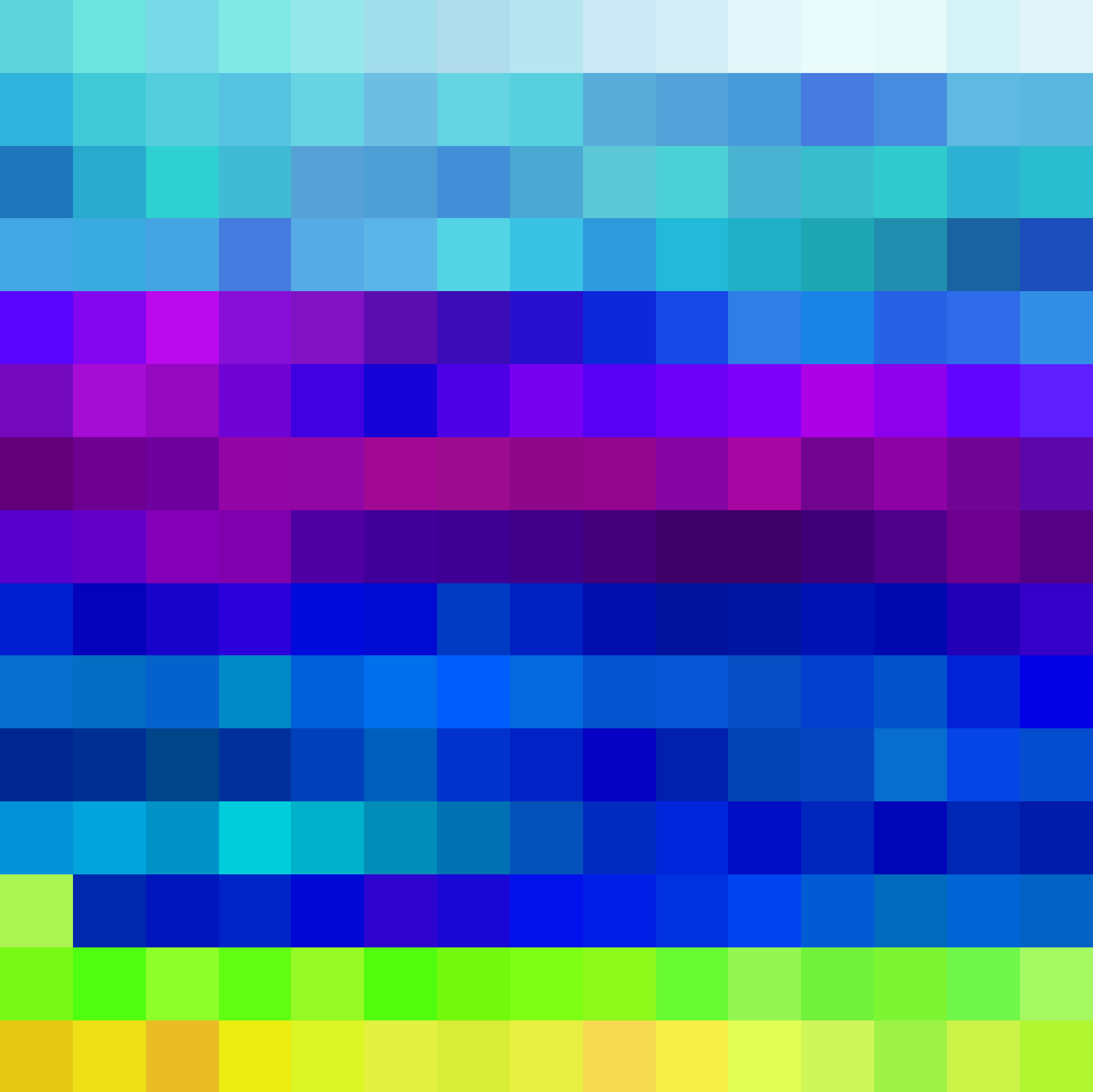
The very, very colourful gradient in this 15 by 15 pixel grid is mostly blue, and it also has some cyan, some purple, a bit of green, a bit of indigo, a little bit of violet, a little bit of yellow, a little bit of magenta, and a tiny bit of lime in it.
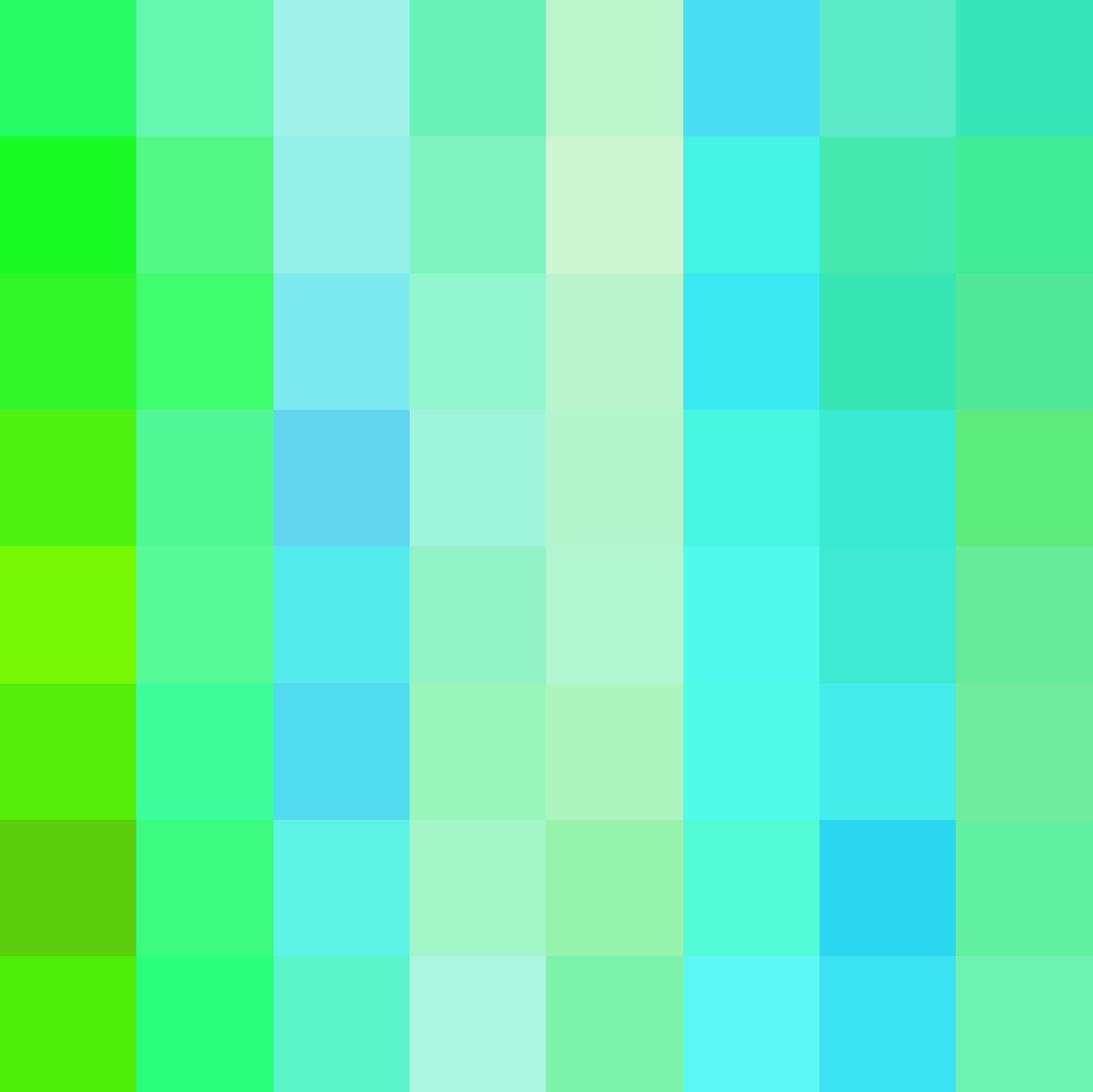
This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly magenta, and it also has quite some rose, a bit of blue, a bit of red, a bit of purple, a little bit of indigo, a little bit of violet, and a tiny bit of orange in it.

The cells in this 7 by 7 pixel grid form a very colourful gradient. It is mostly green, and it also has some blue, some indigo, some lime, a little bit of purple, and a tiny bit of violet in it.
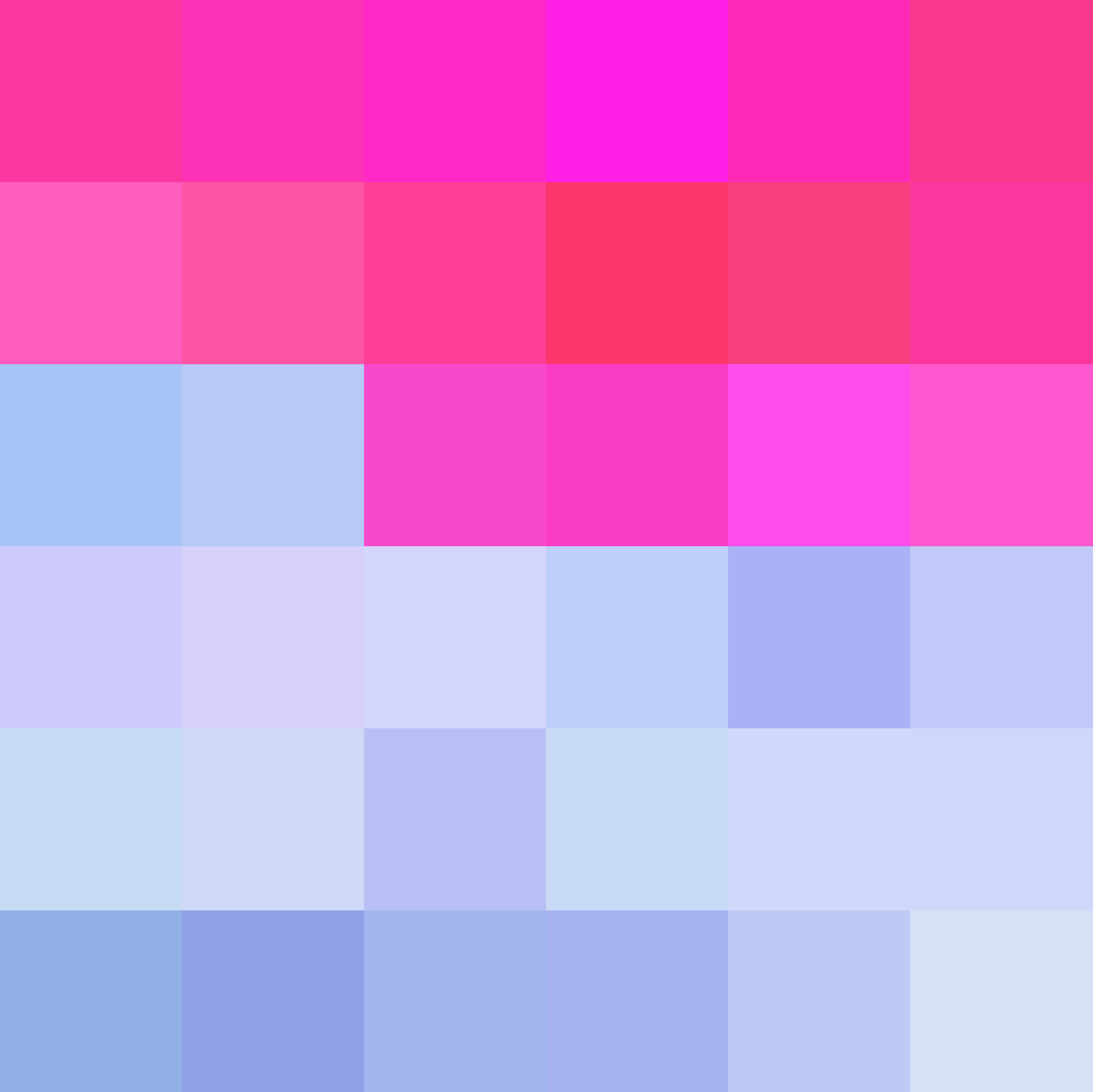
There's a two tone pixel gradient in this 8 by 8 grid. It is mostly green, but it also has quite some cyan in it.
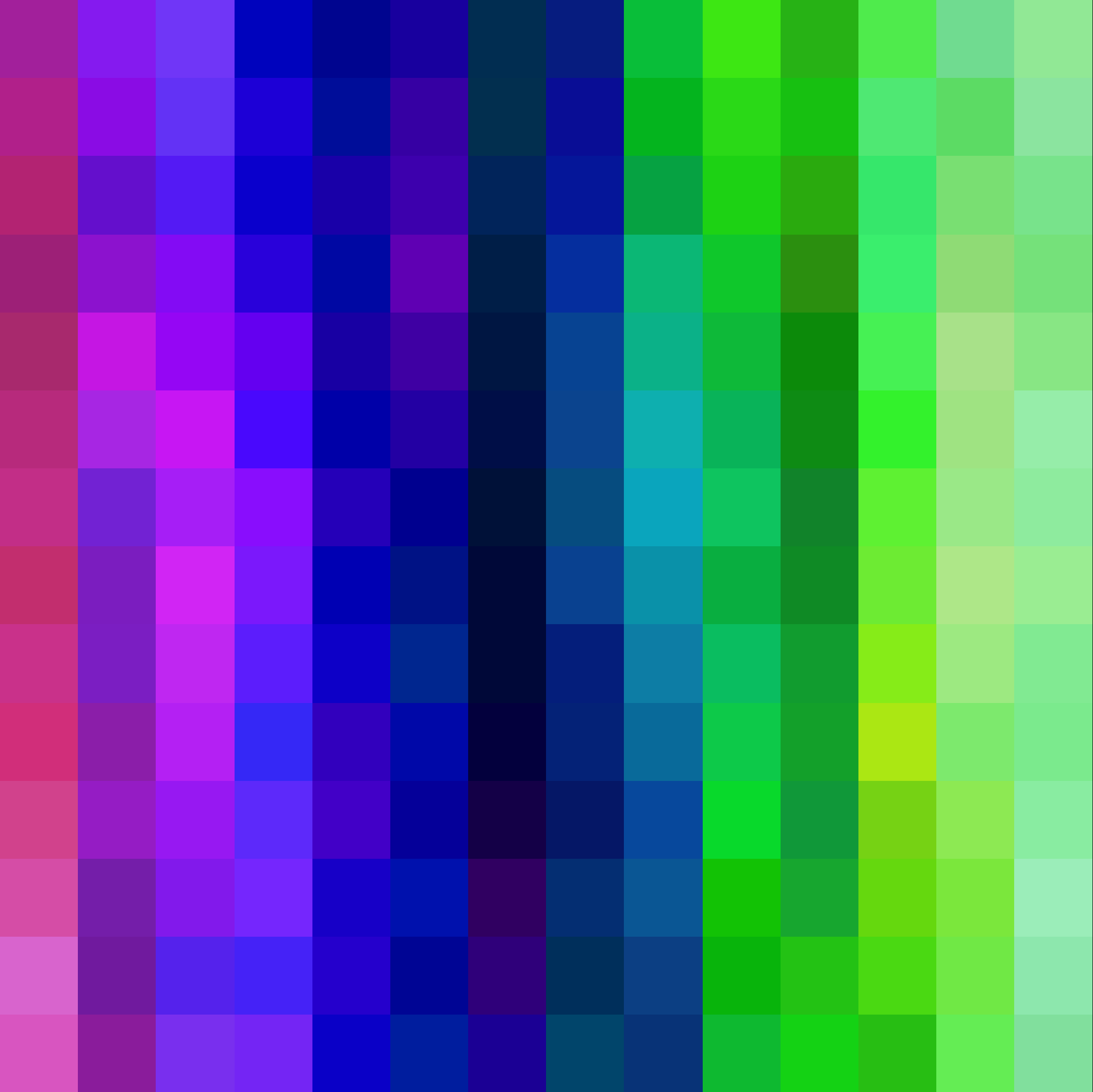
The very colourful gradient in this 13 by 13 pixel grid is mostly red, and it also has quite some orange, some yellow, a bit of magenta, a little bit of purple, and a tiny bit of lime in it.

This pixel gradient—it is 6 cells wide, 6 cells high—is mostly blue, but it also has quite some magenta, some rose, and a little bit of indigo in it.

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

A grid with 196 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 bit of purple, a bit of violet, a little bit of magenta, a little bit of rose, a tiny bit of cyan, and a tiny bit of lime in it.
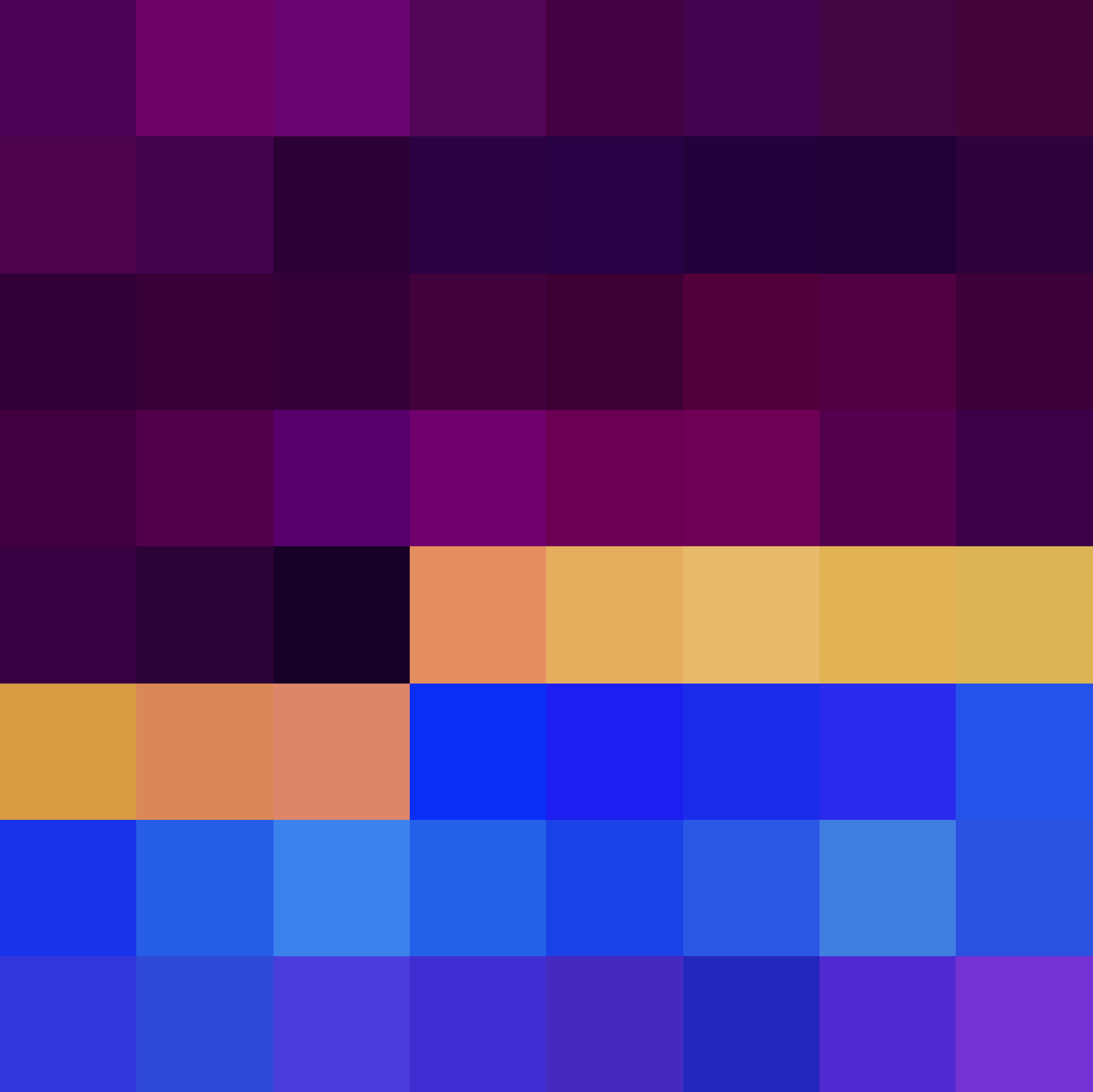
The cells in this 8 by 8 pixel grid form a very colourful gradient. It is mostly magenta, and it also has quite some blue, some purple, some orange, a little bit of indigo, a tiny bit of red, and a tiny bit of violet in it.
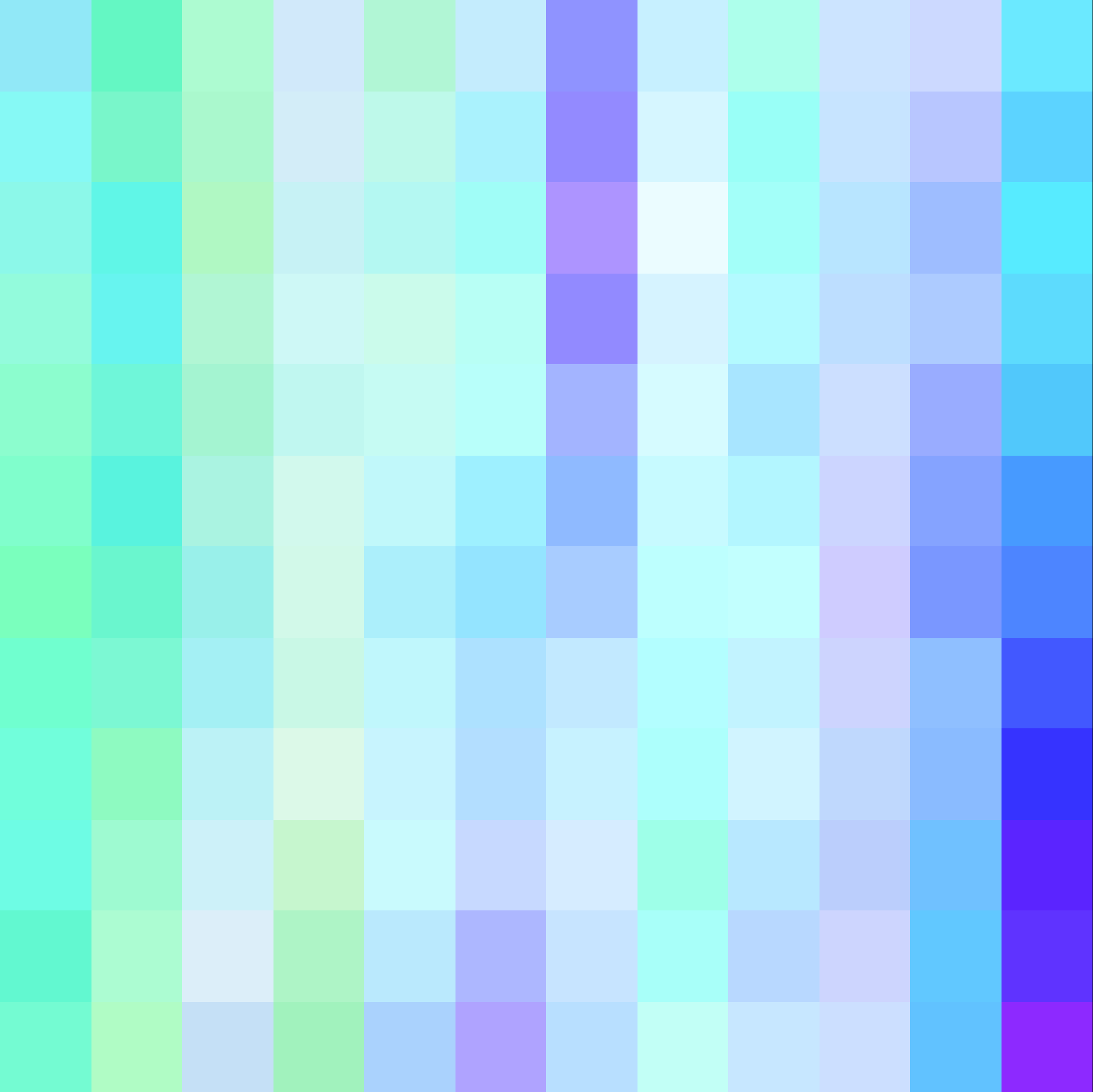
A 7 by 7 grid with coloured squares that form a gradient. The colours are various shades of mostly orange, but it also has quite some yellow, and some red in it.
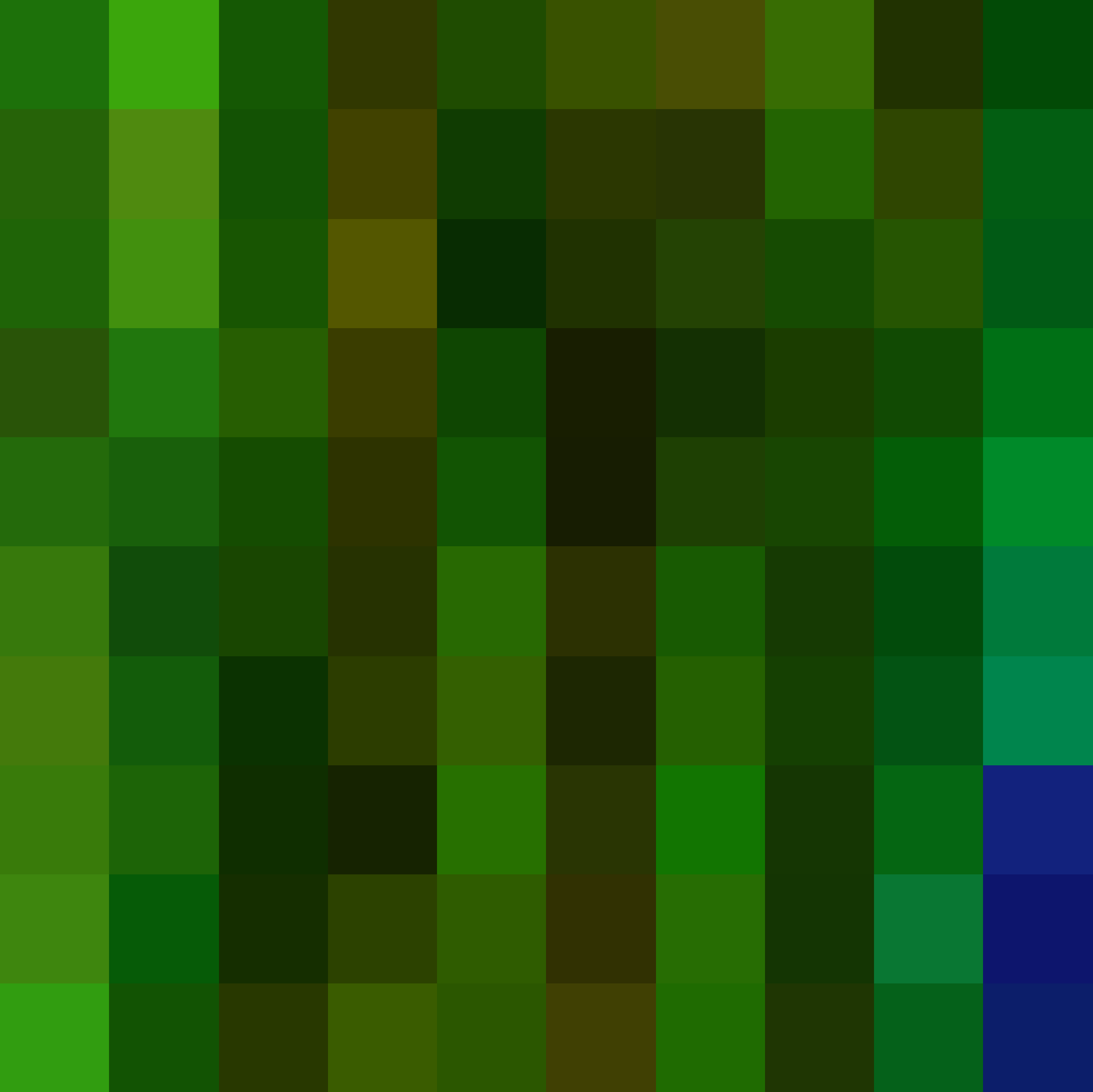
A grid of 49 blocks. It's mostly red, but it also has quite some orange, and some yellow in it.
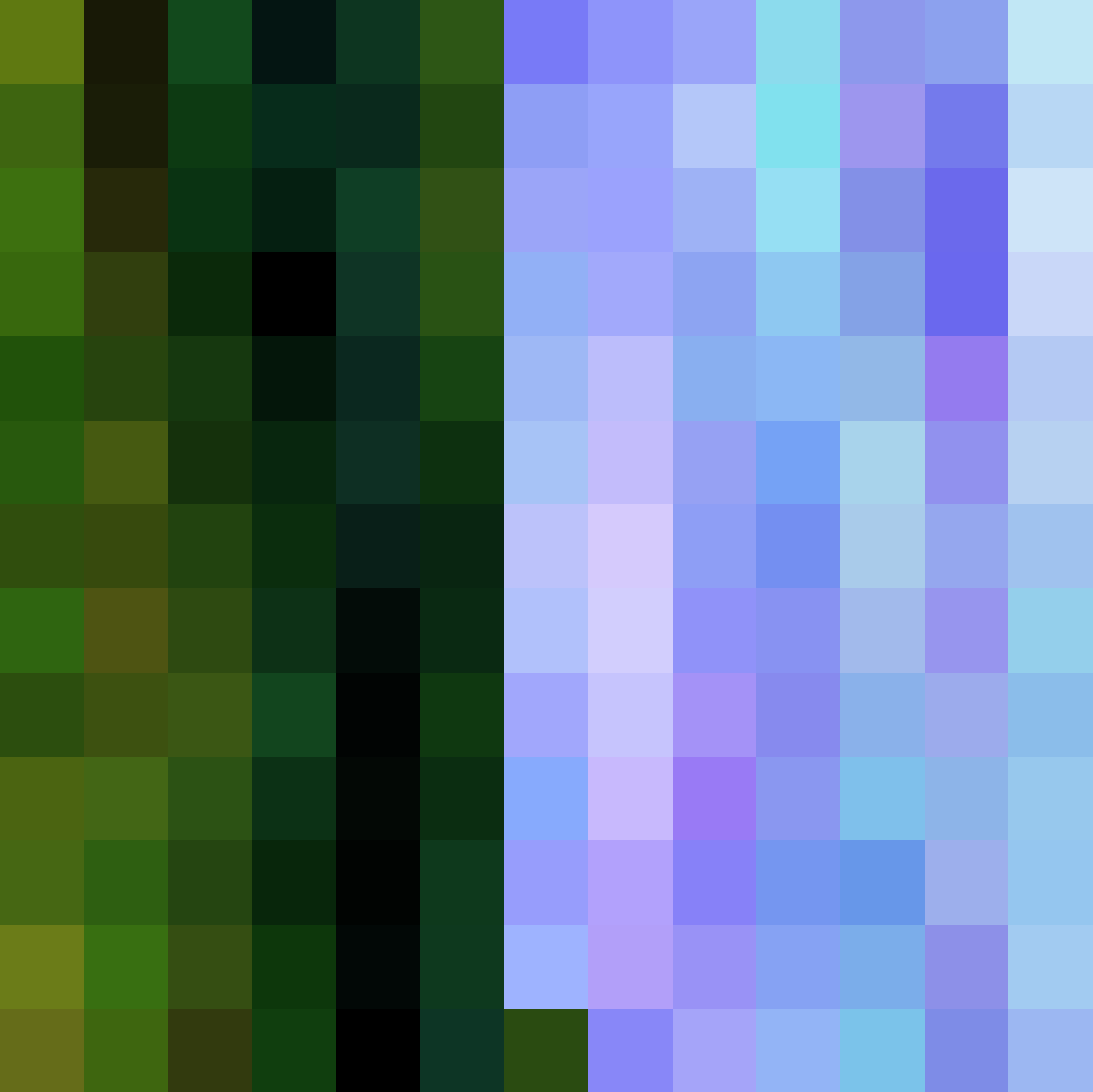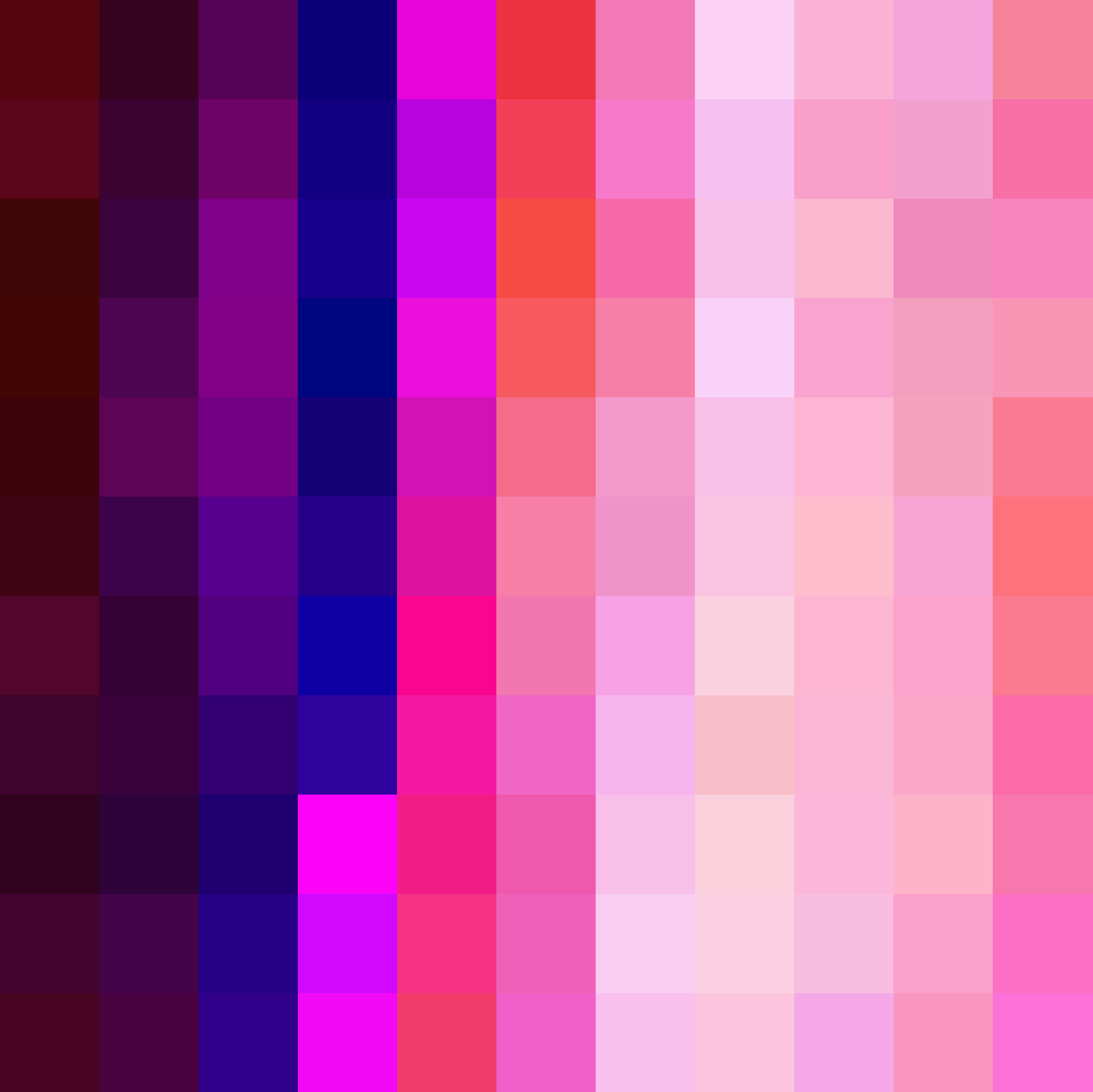
A grid with 144 coloured squares that form a colourful gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some green, a little bit of indigo, and a tiny bit of violet in it.

The gradient in this 10 by 10 pixel grid is mostly green, but it also has a bit of lime, a bit of yellow, and a little bit of blue in it.

This very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly blue, but it also has quite some green, some indigo, a little bit of yellow, a little bit of lime, and a tiny bit of cyan in it.

A grid with 121 coloured squares that form a very colourful gradient. The colours are various shades of mostly magenta, and it also has quite some rose, some red, a bit of indigo, a bit of purple, a tiny bit of violet, and a tiny bit of blue in it.
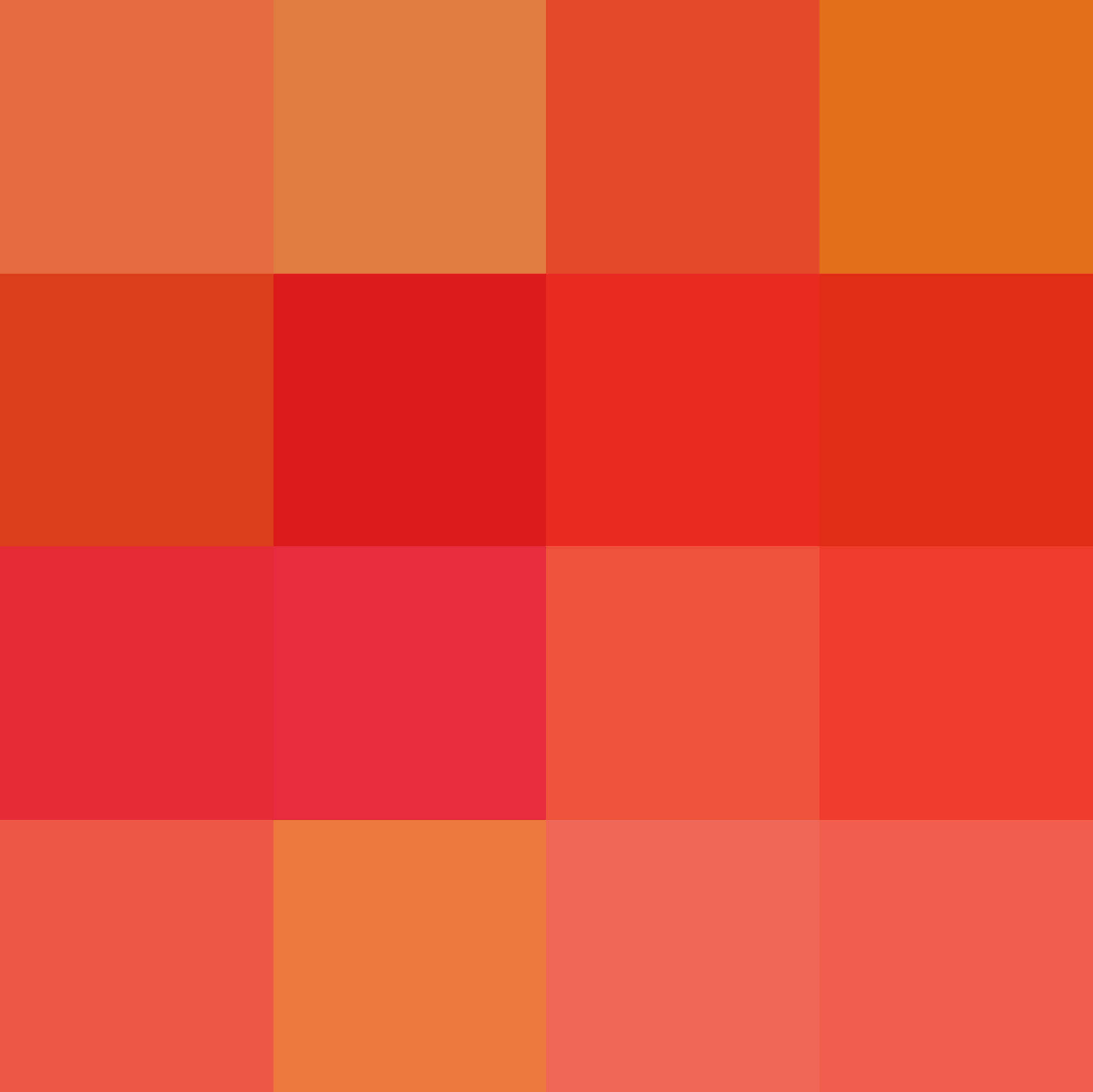
A two tone grid of 16 blocks. It's mostly red, but it also has quite some orange in it.
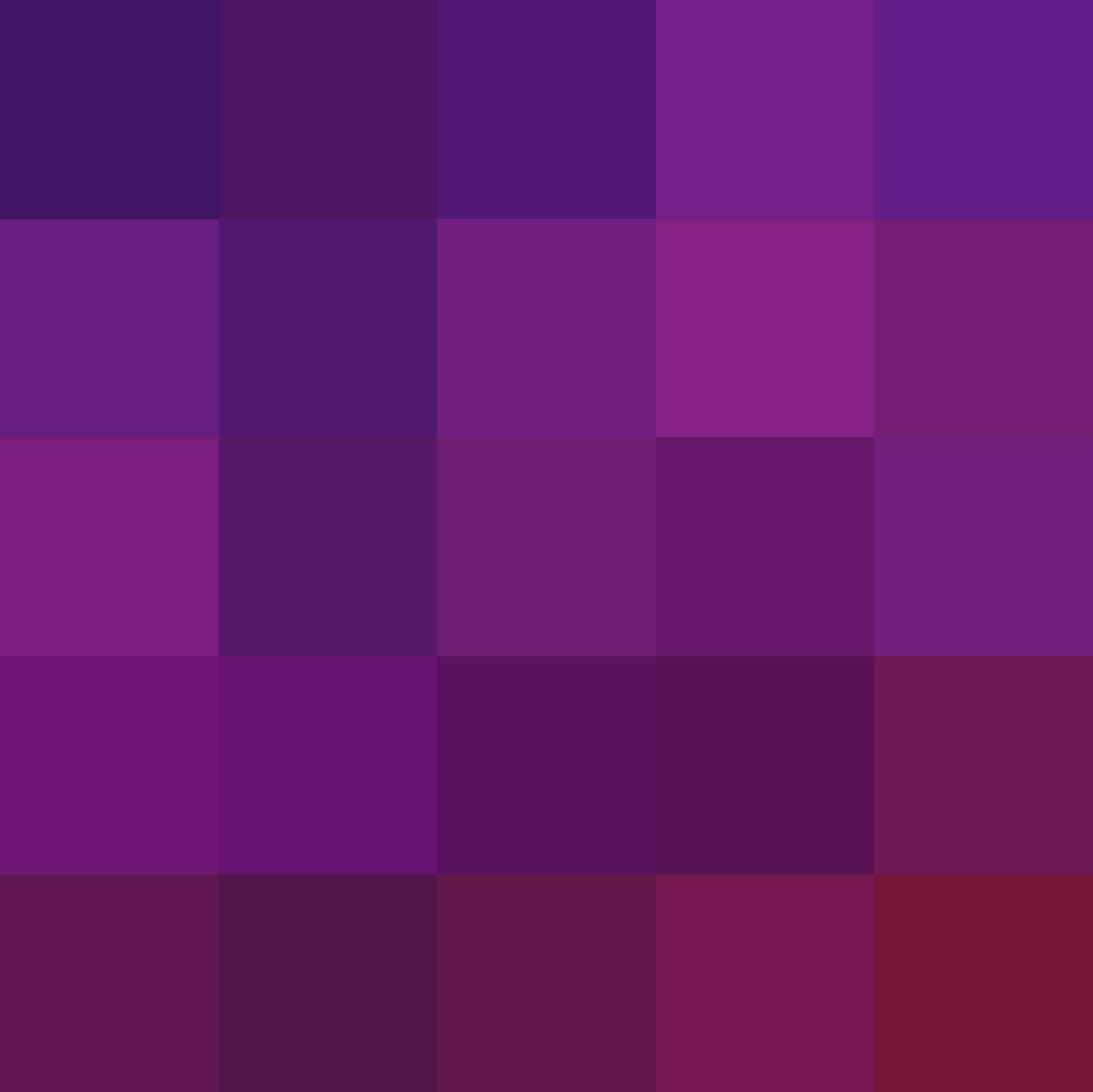
This gradient, generated in this 5 by 5 pixel grid, is mostly magenta, but it also has quite some purple, and a little bit of rose in it.

There's a very colourful pixel gradient in this 13 by 13 grid. It is mostly red, and it also has some blue, a bit of indigo, a little bit of orange, a little bit of rose, and a tiny bit of violet in it.

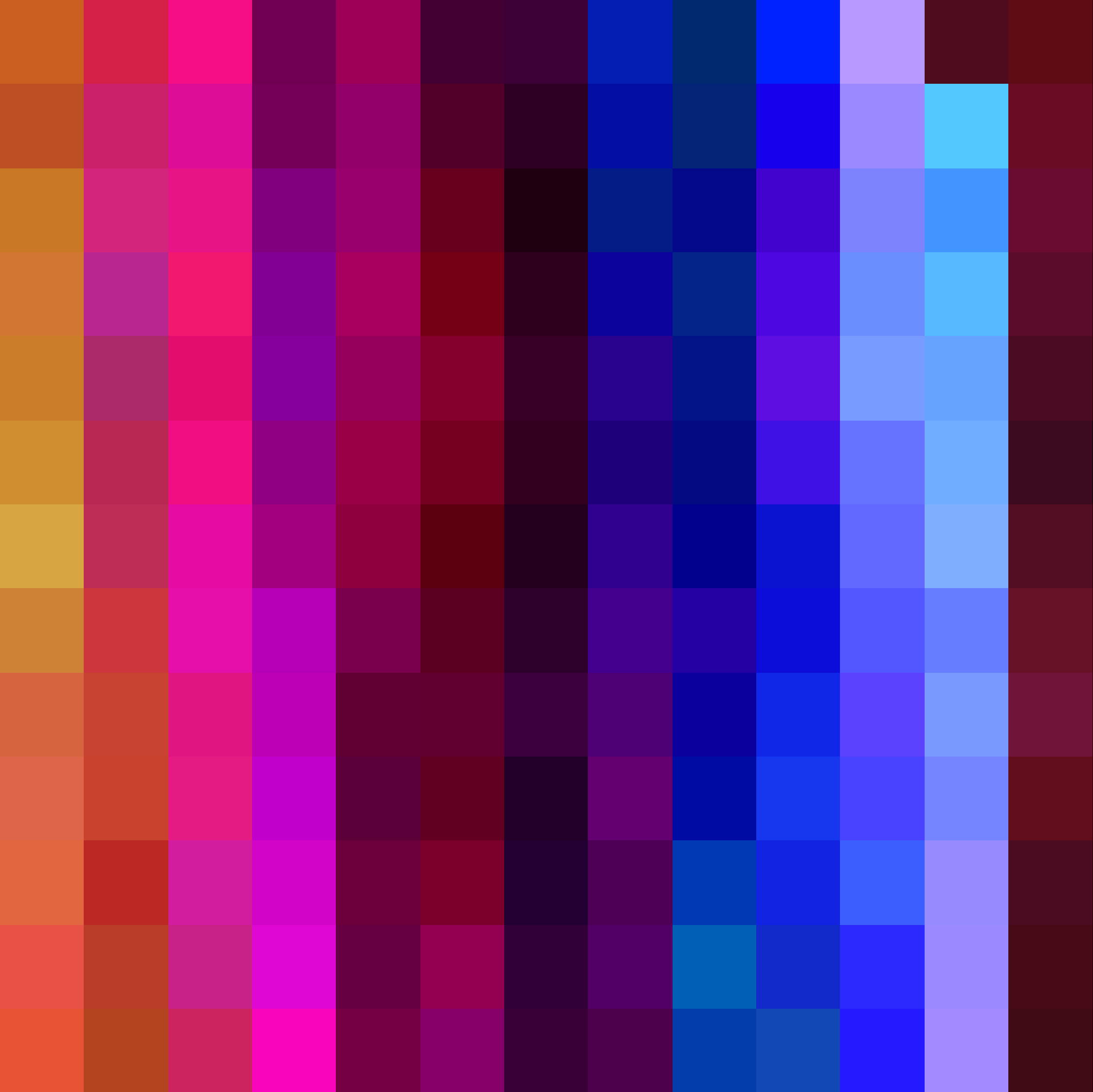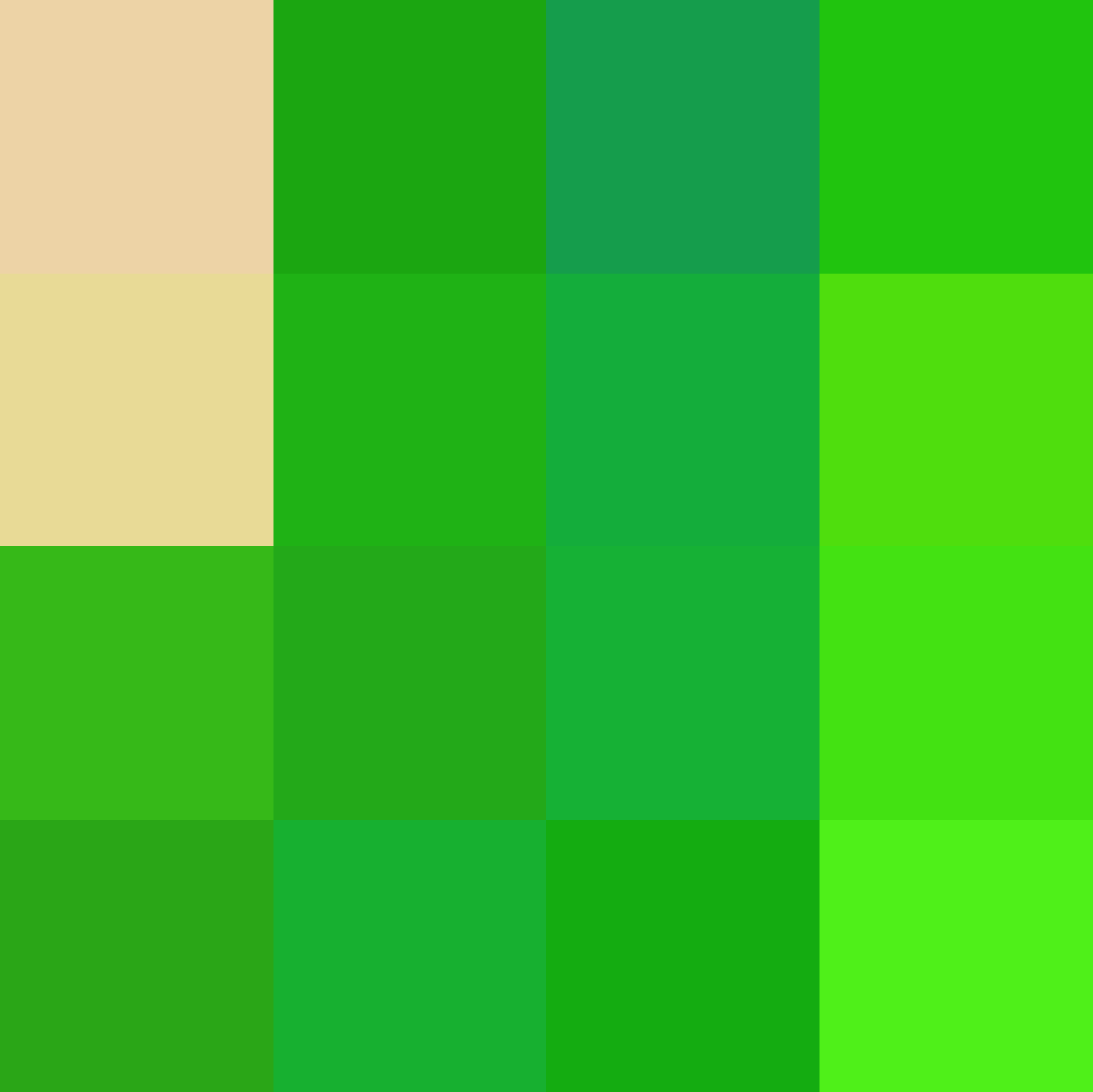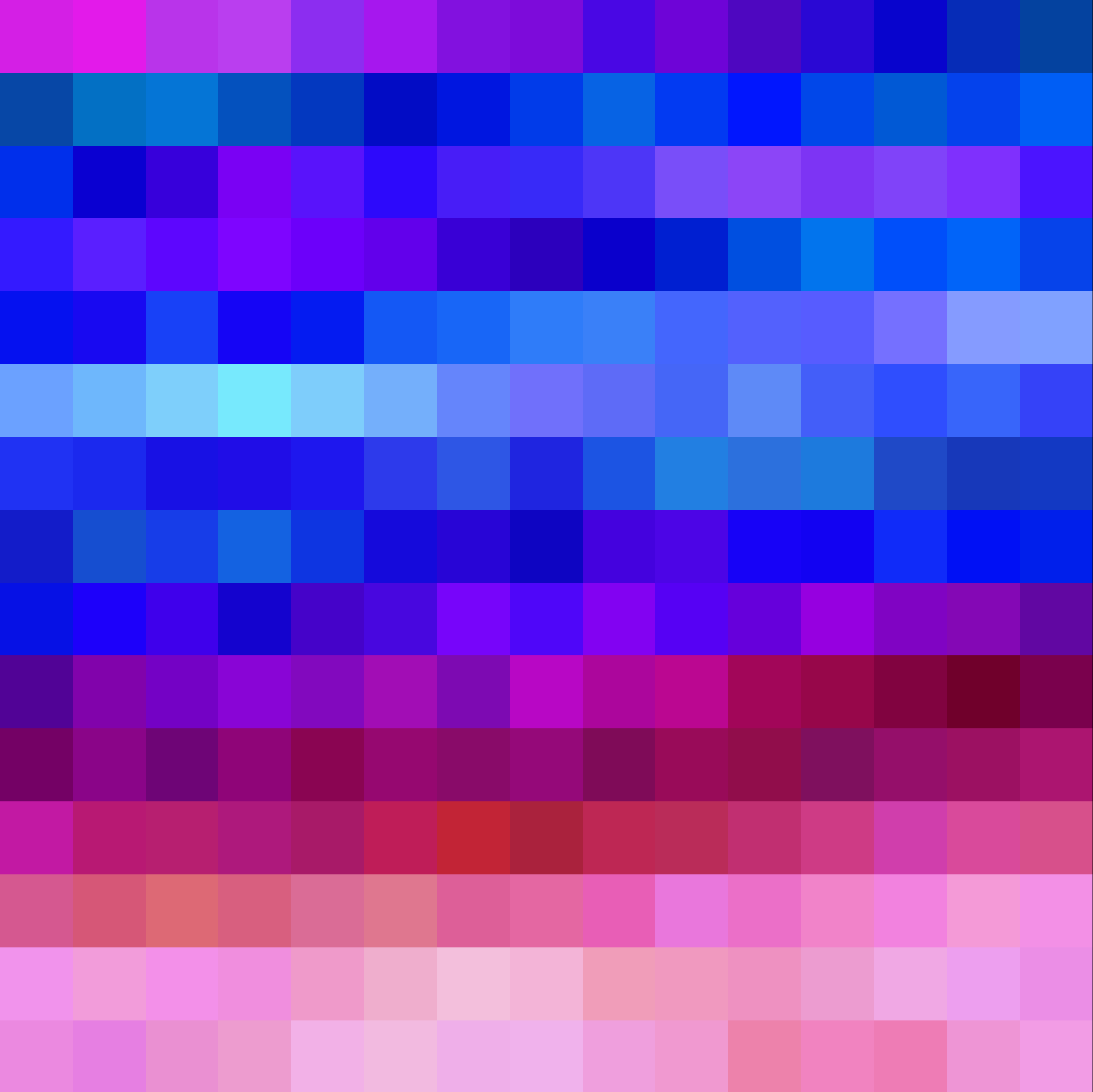A 9 by 9 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some cyan, some green, and a little bit of indigo in it.
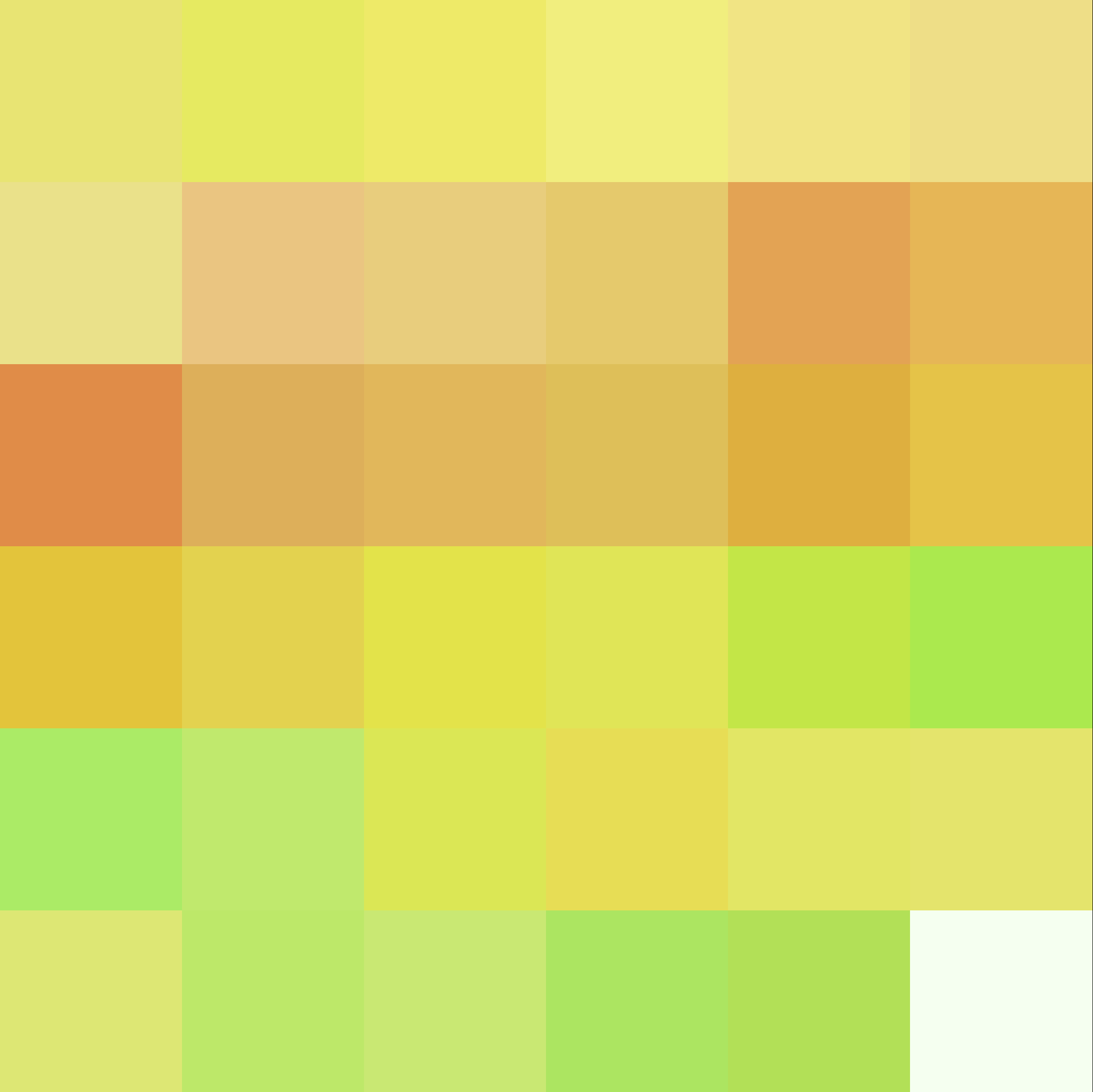
A grid of 16 blocks. It's mostly green, but it also has a little bit of orange, and a little bit of yellow in it.

This very, very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly blue, and it also has quite some magenta, some indigo, some rose, a bit of purple, a little bit of violet, a tiny bit of red, and a tiny bit of cyan in it.

A 6 by 6 grid with coloured squares that form a gradient. The colours are various shades of mostly yellow, but it also has quite some orange, some green, and a little bit of lime in it.
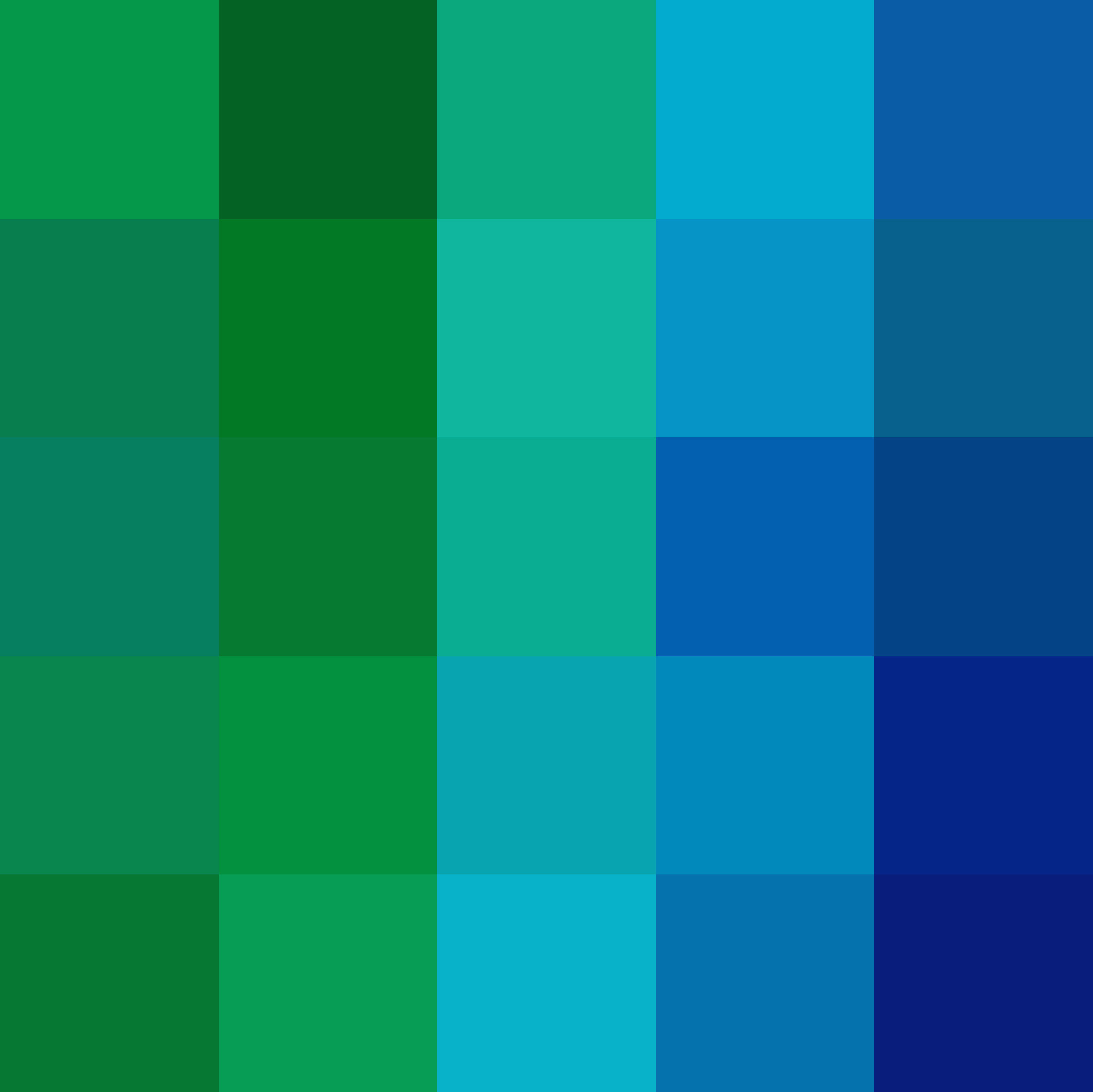
There's a pixel gradient in this 5 by 5 grid. It is mostly green, and it also has quite some blue, and quite some cyan in it.
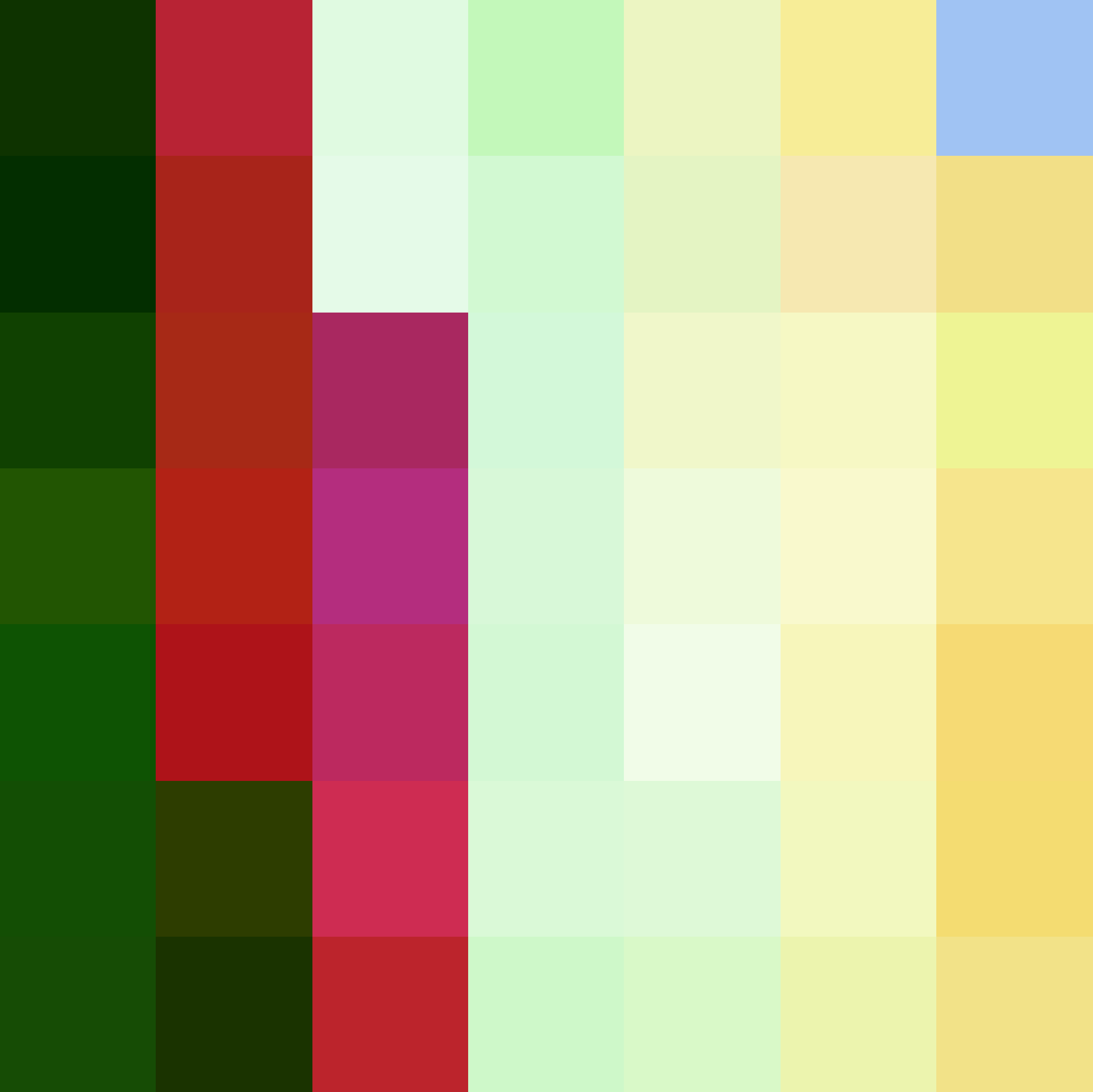
The very colourful gradient in this 7 by 7 pixel grid is mostly green, and it also has quite some yellow, some red, a little bit of lime, a little bit of rose, a tiny bit of magenta, and a tiny bit of blue in it.

A grid with 25 coloured squares that form a gradient. The colours are various shades of mostly yellow, and it also has quite some green, and quite some lime in it.

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

There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly magenta, and it also has quite some indigo, quite some rose, some red, a little bit of violet, a tiny bit of blue, and a tiny bit of purple in it.
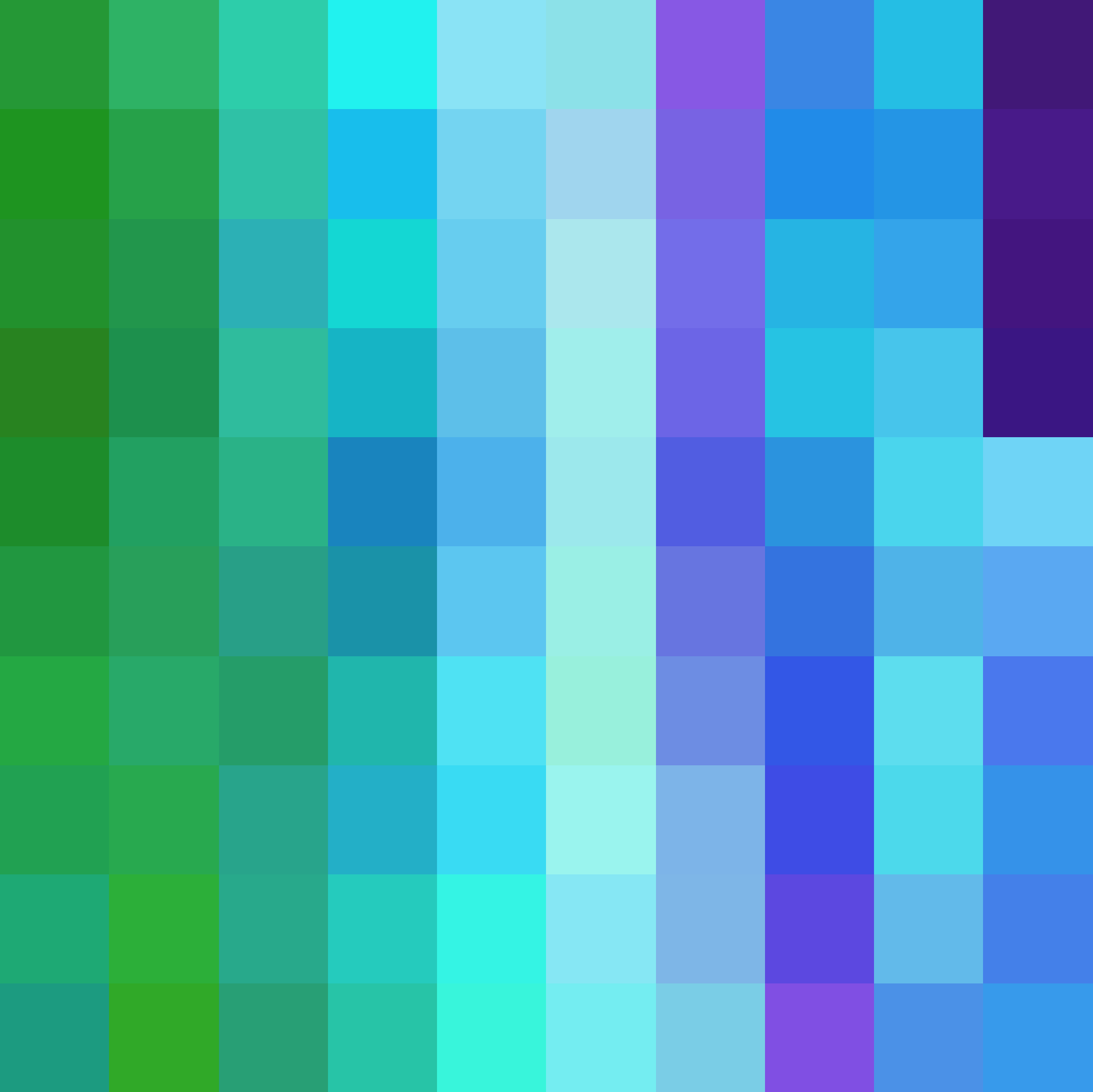
A grid with 100 coloured squares that form a colourful gradient. The colours are various shades of mostly cyan, and it also has quite some blue, quite some green, a bit of indigo, and a little bit of violet in it.
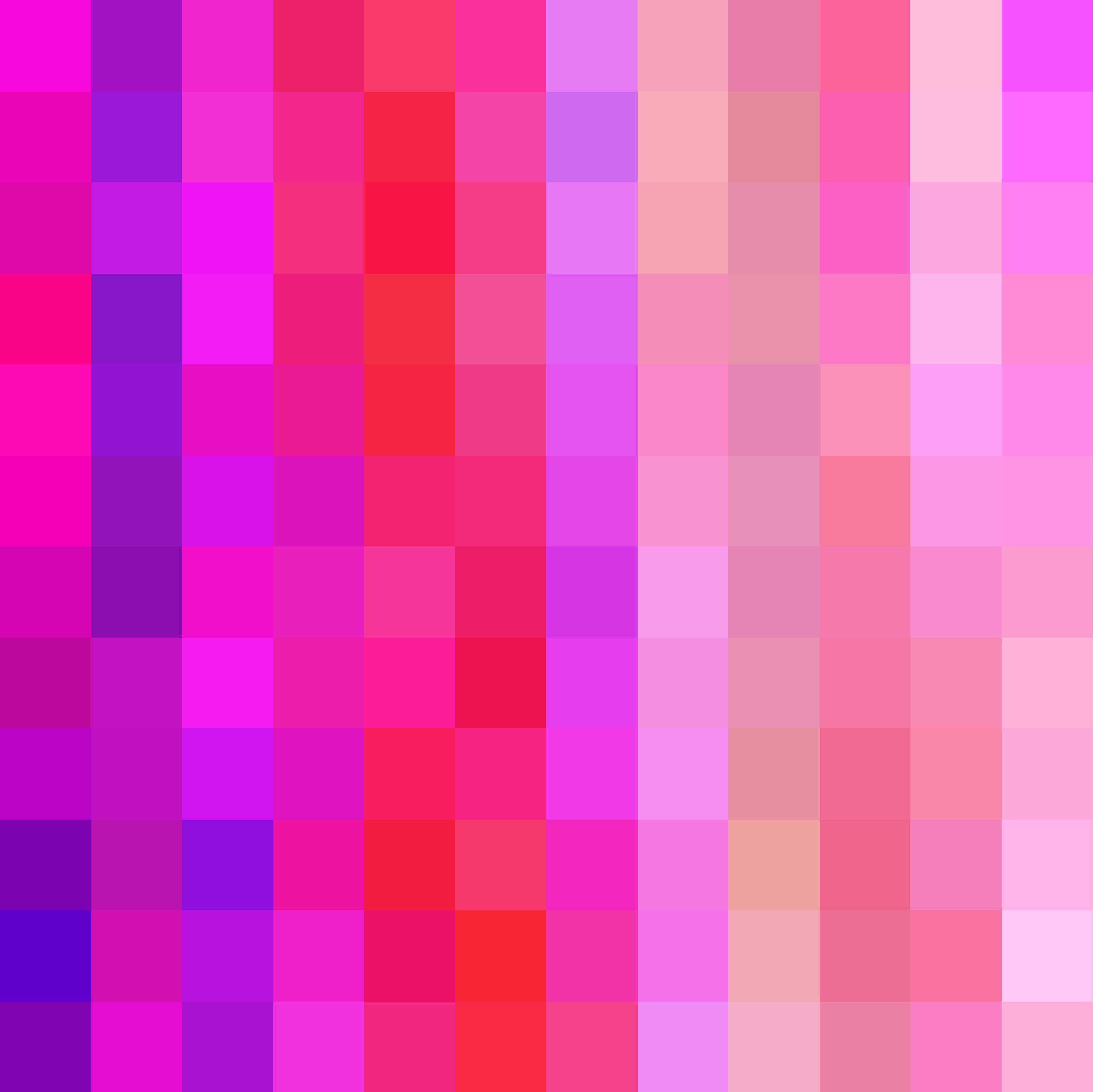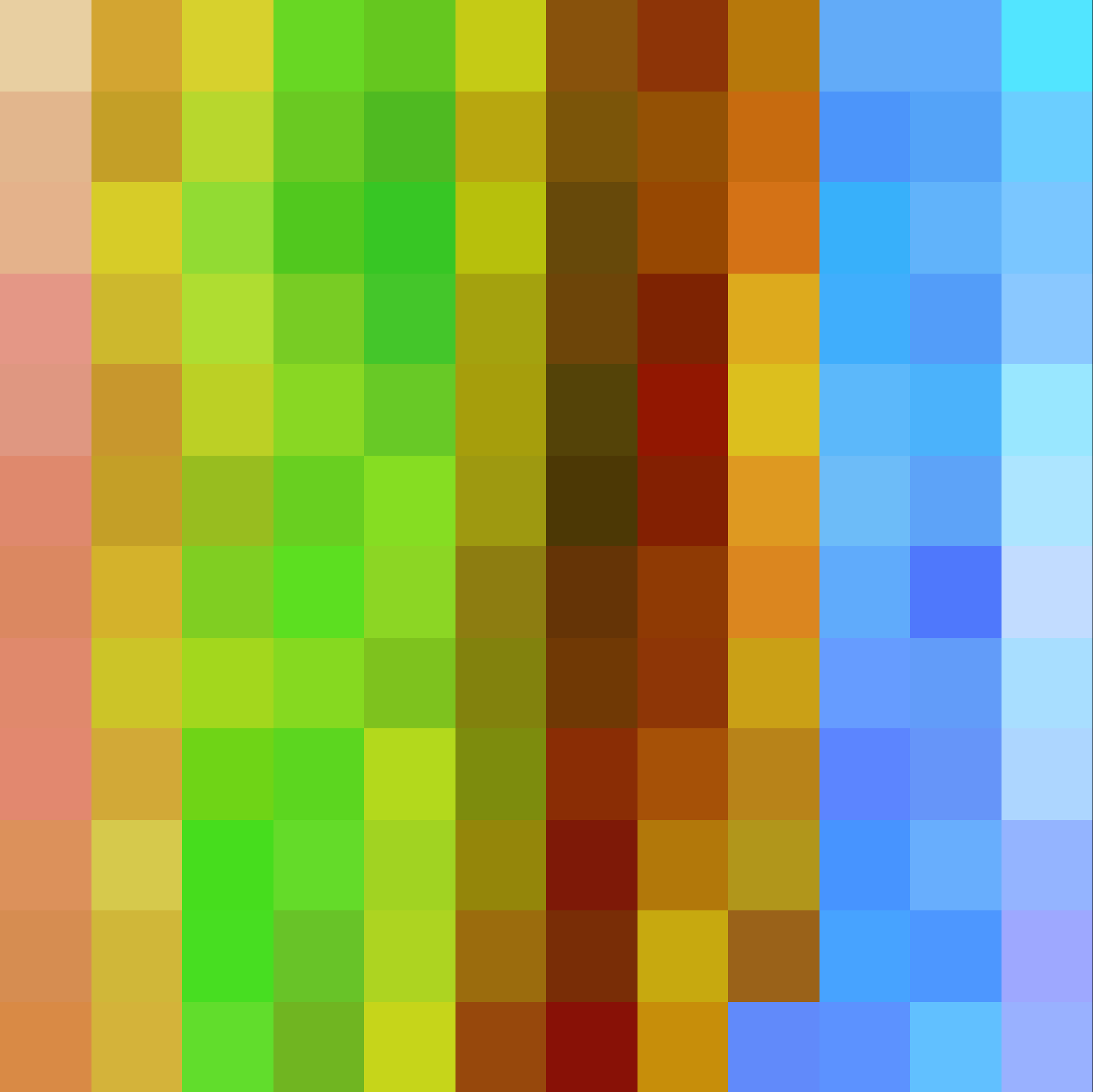
A 12 by 12 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly magenta, but it also has quite some rose, a bit of purple, a bit of red, and a tiny bit of violet in it.

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

A two tone grid of 25 blocks. It's mostly blue, but it also has quite some indigo in it.

This colourful gradient, generated in this 4 by 4 pixel grid, is mostly yellow, and it also has some orange, some magenta, a little bit of lime, and a little bit of red in it.

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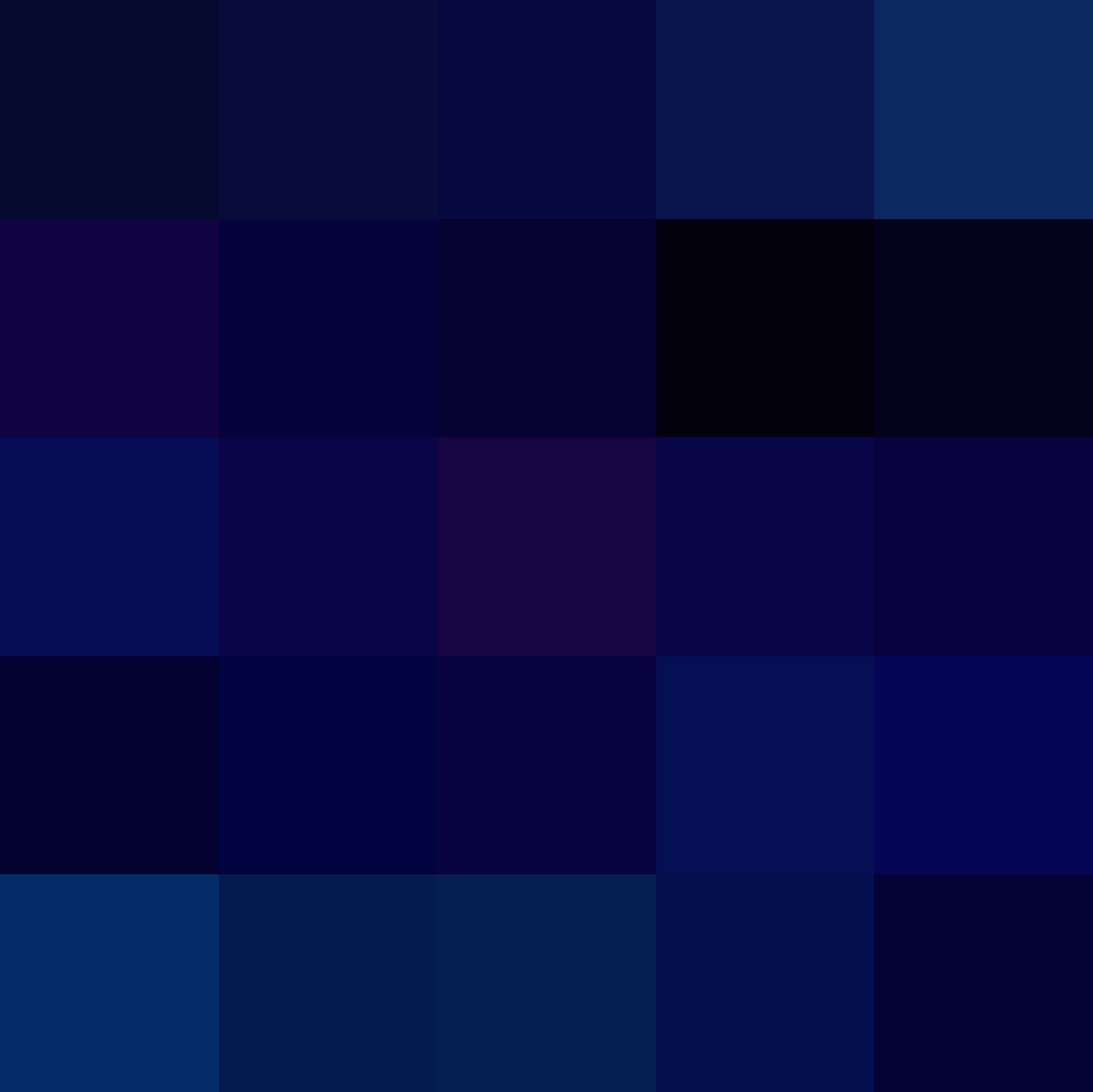
A 16 by 16 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly red, and it also has quite some green, some magenta, a bit of rose, a bit of orange, a tiny bit of yellow, a tiny bit of lime, and a tiny bit of blue in it.

A 5 by 5 grid with coloured squares that form a gradient. The colours are various shades of mostly magenta, but it also has some rose, and a bit of red in it.
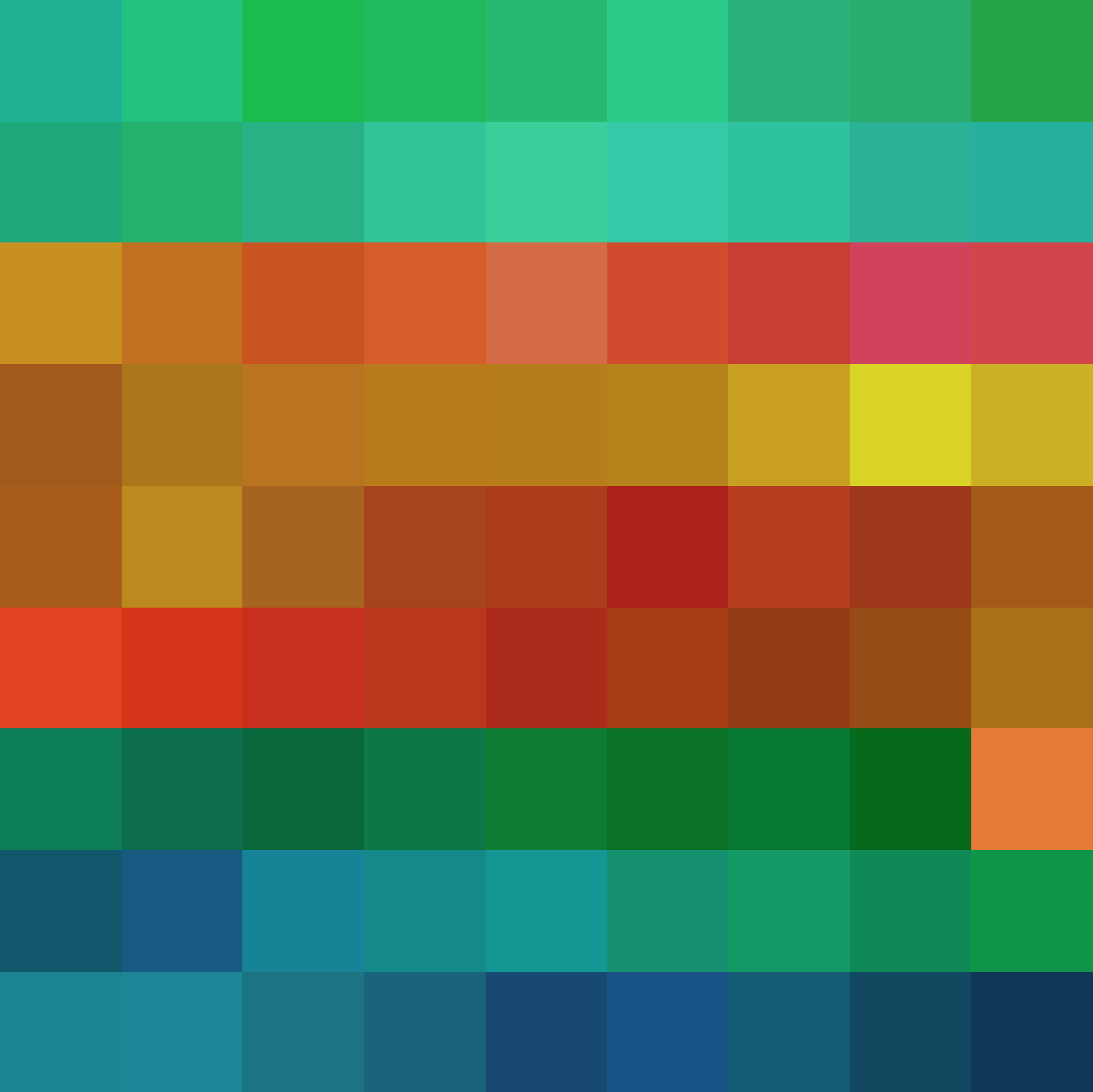
The cells in this 9 by 9 pixel grid form a very colourful gradient. It is mostly green, and it also has quite some orange, some red, some cyan, a bit of blue, and a tiny bit of yellow in it.
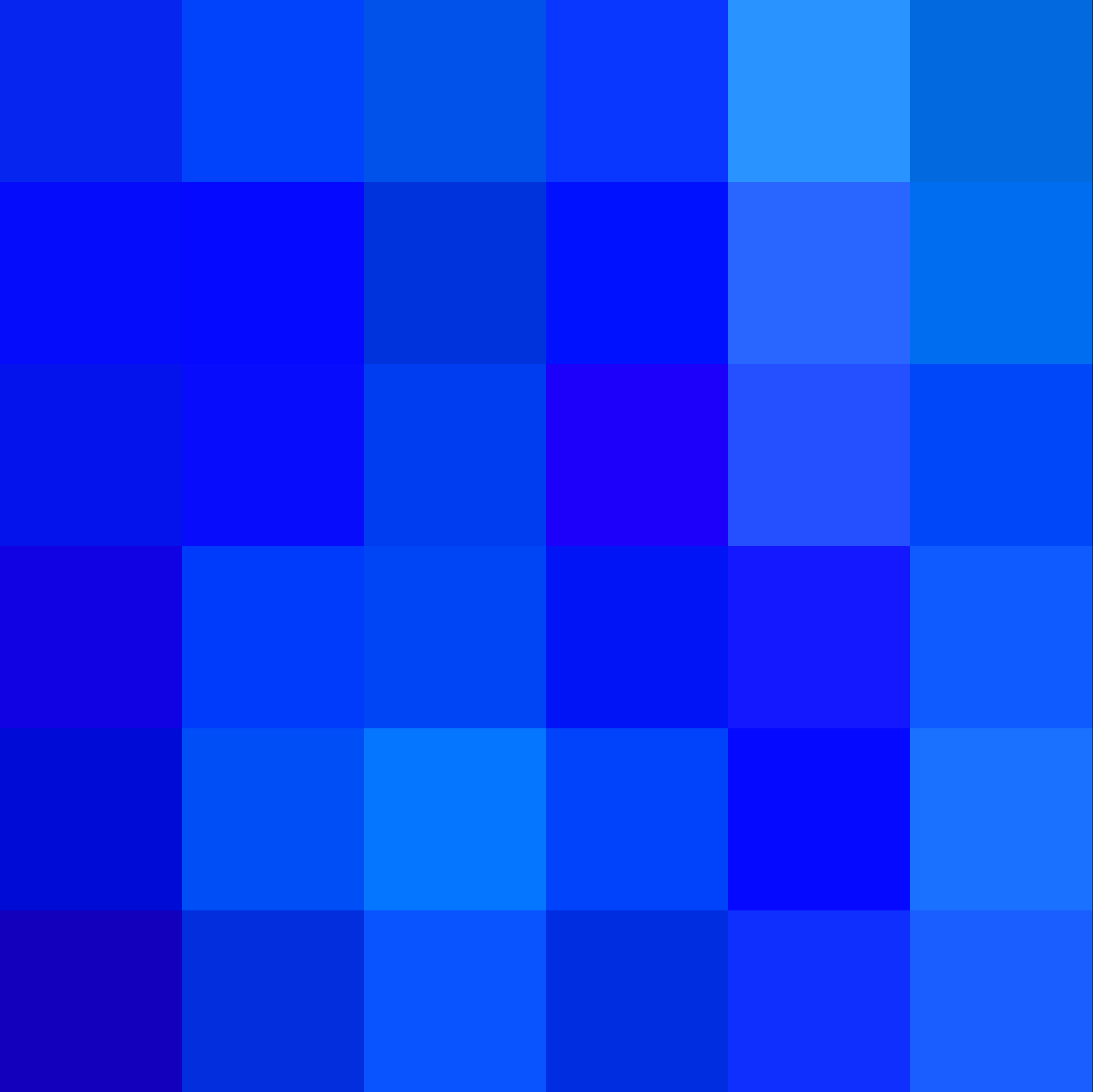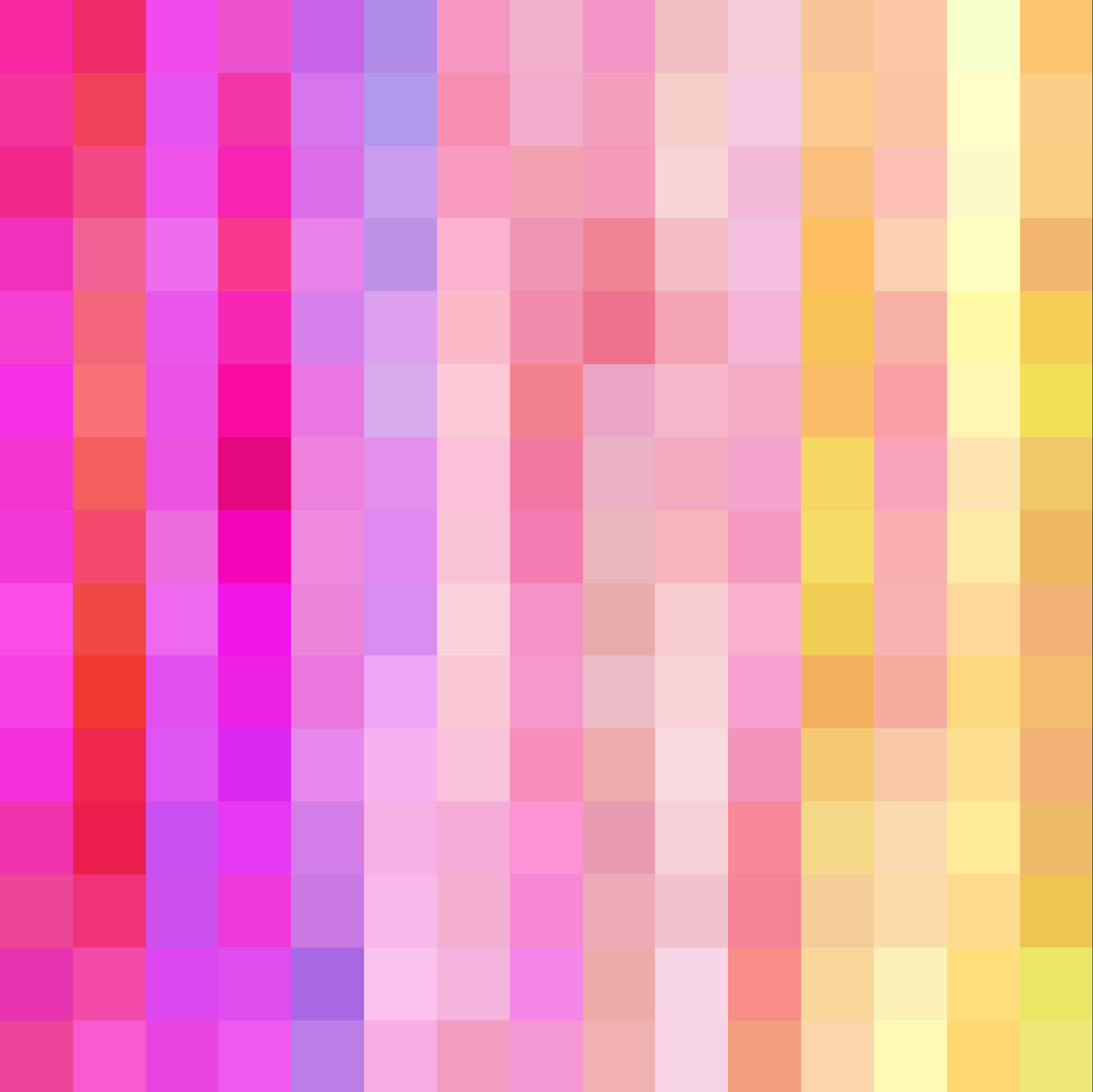
A grid with 36 coloured squares that form a two tone gradient. The colours are various shades of mostly blue, and it also has a bit of indigo in it.

This very, very colourful gradient, generated in this 15 by 15 pixel grid, is mostly magenta, but it also has quite some rose, some red, some orange, a bit of yellow, a bit of purple, a tiny bit of violet, and a tiny bit of indigo in it.
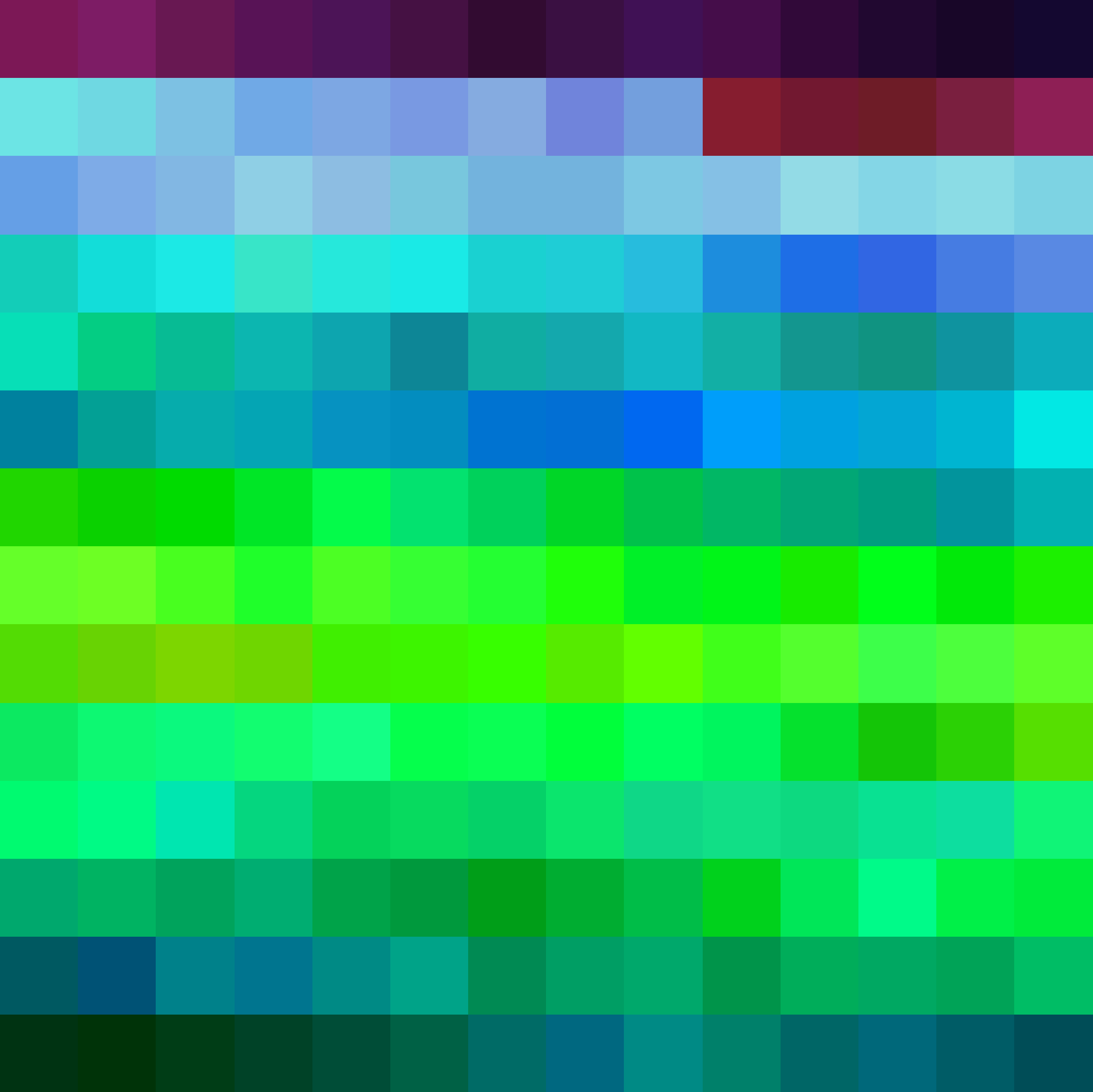
This very, very colourful pixel gradient—it is 14 cells wide, 14 cells high—is mostly green, but it also has quite some cyan, some blue, a little bit of magenta, a little bit of purple, a tiny bit of rose, a tiny bit of red, and a tiny bit of indigo in it.
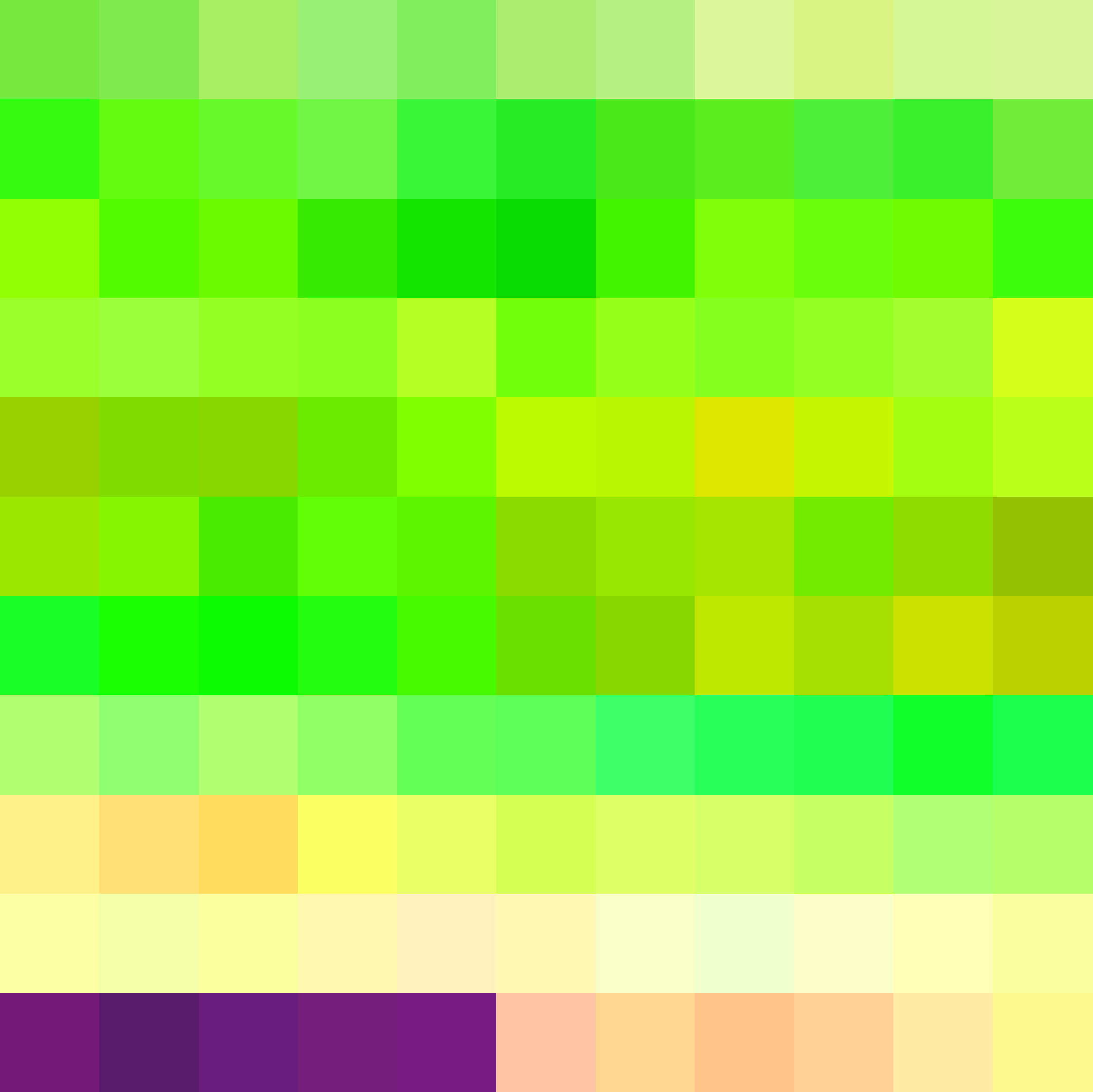
Here's an 11 by 11 pixelated grid that forms a very colourful gradient. It is mostly green, and it also has some yellow, some lime, a little bit of orange, a tiny bit of magenta, and a tiny bit of purple in it.
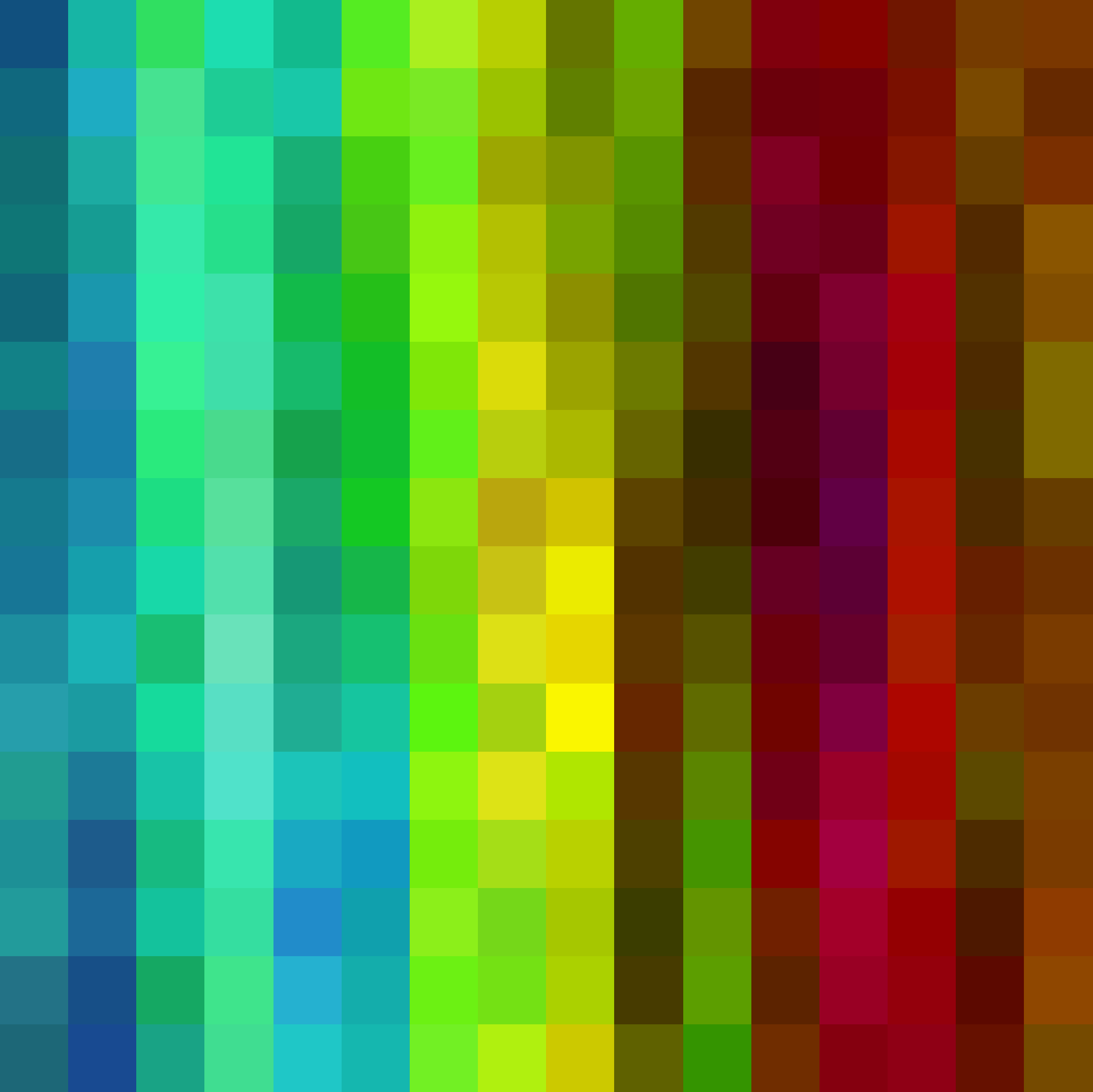
A grid with 256 coloured squares that form a very colourful gradient. The colours are various shades of mostly green, and it also has some red, some cyan, some orange, some yellow, a little bit of blue, and a little bit of lime in it.

The very colourful gradient in this 11 by 11 pixel grid is mostly indigo, and it also has quite some blue, some magenta, some purple, some violet, and a little bit of cyan in it.
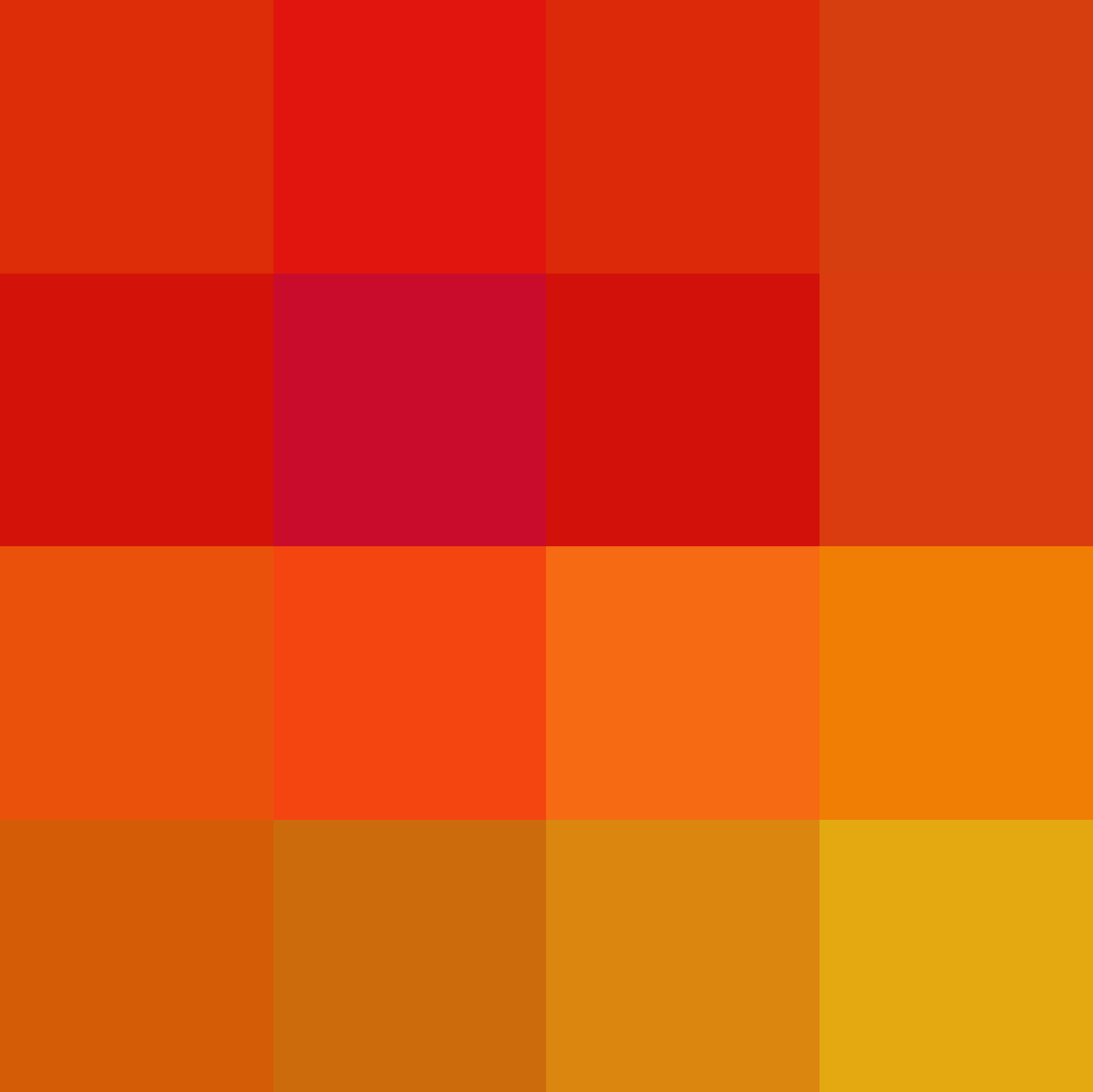
Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly red, but it also has a lot of orange in it.

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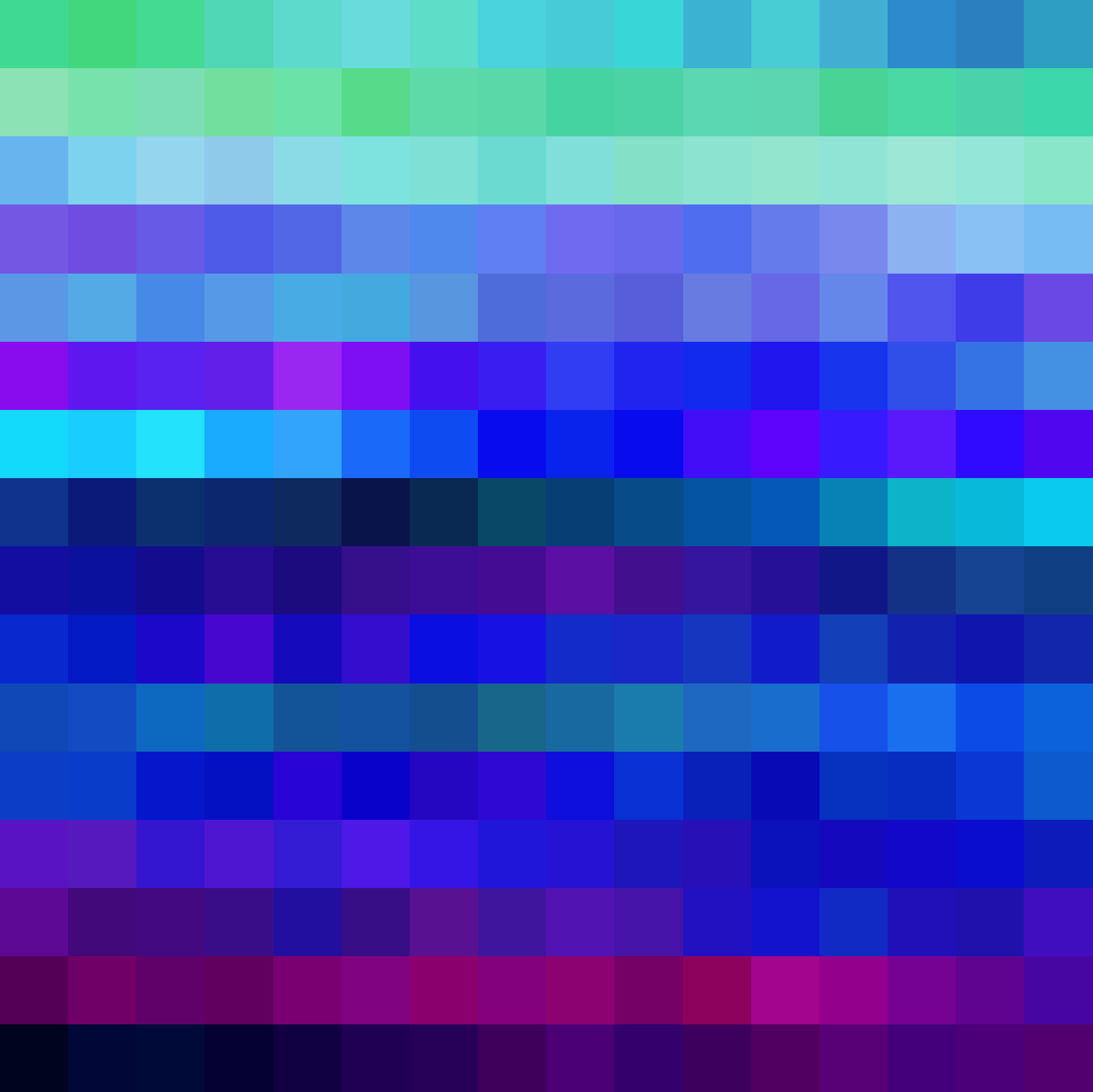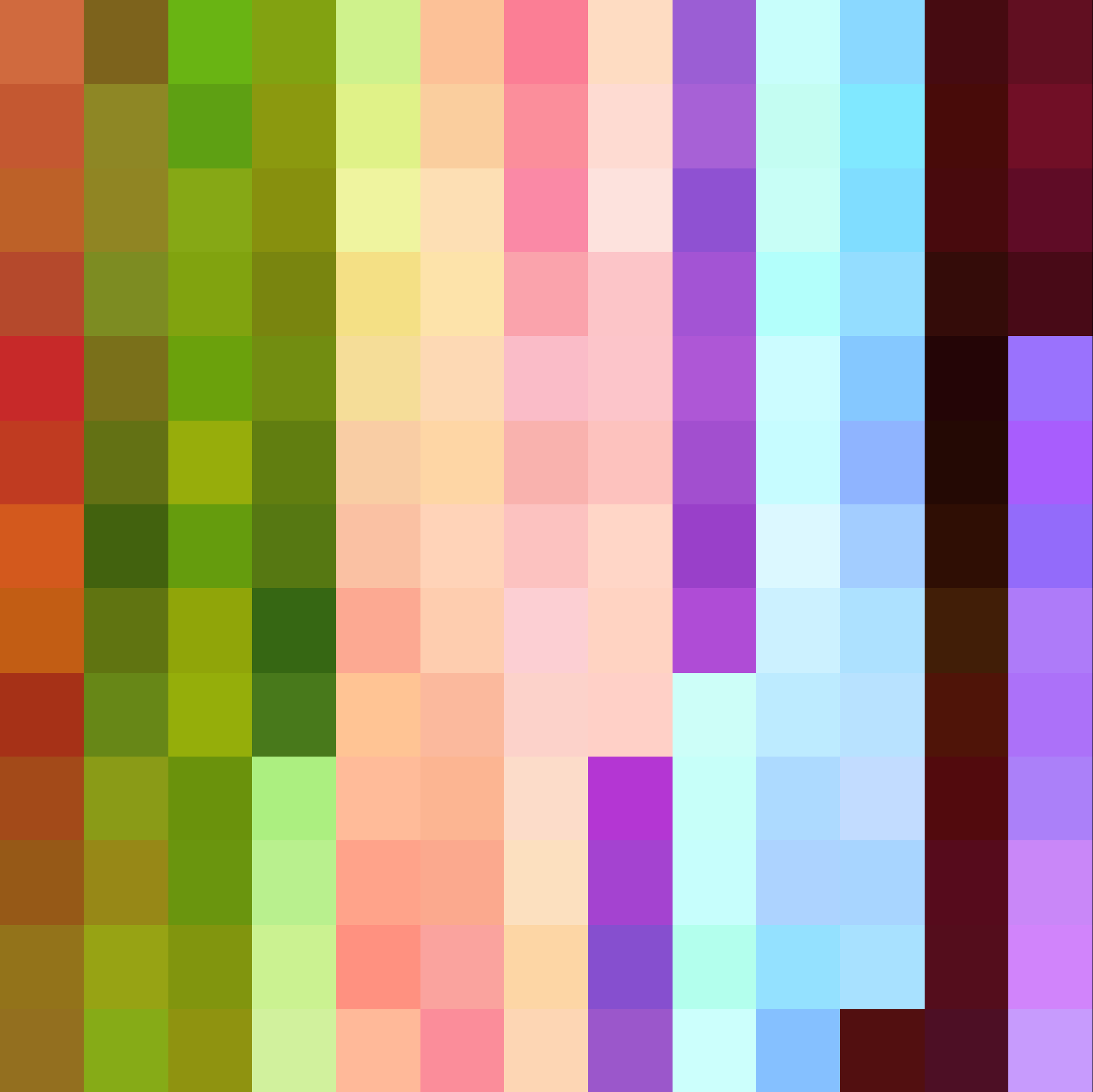
Here's a 16 by 16 pixelated grid that forms a very colourful gradient. It is mostly blue, and it also has quite some indigo, a bit of cyan, a bit of green, a little bit of violet, a little bit of purple, and a little bit of magenta in it.

The very, very colourful gradient in this 13 by 13 pixel grid is mostly red, but it also has quite some orange, some yellow, a bit of blue, a bit of green, a bit of cyan, a bit of purple, a little bit of lime, a little bit of violet, a tiny bit of rose, and a tiny bit of indigo in it.
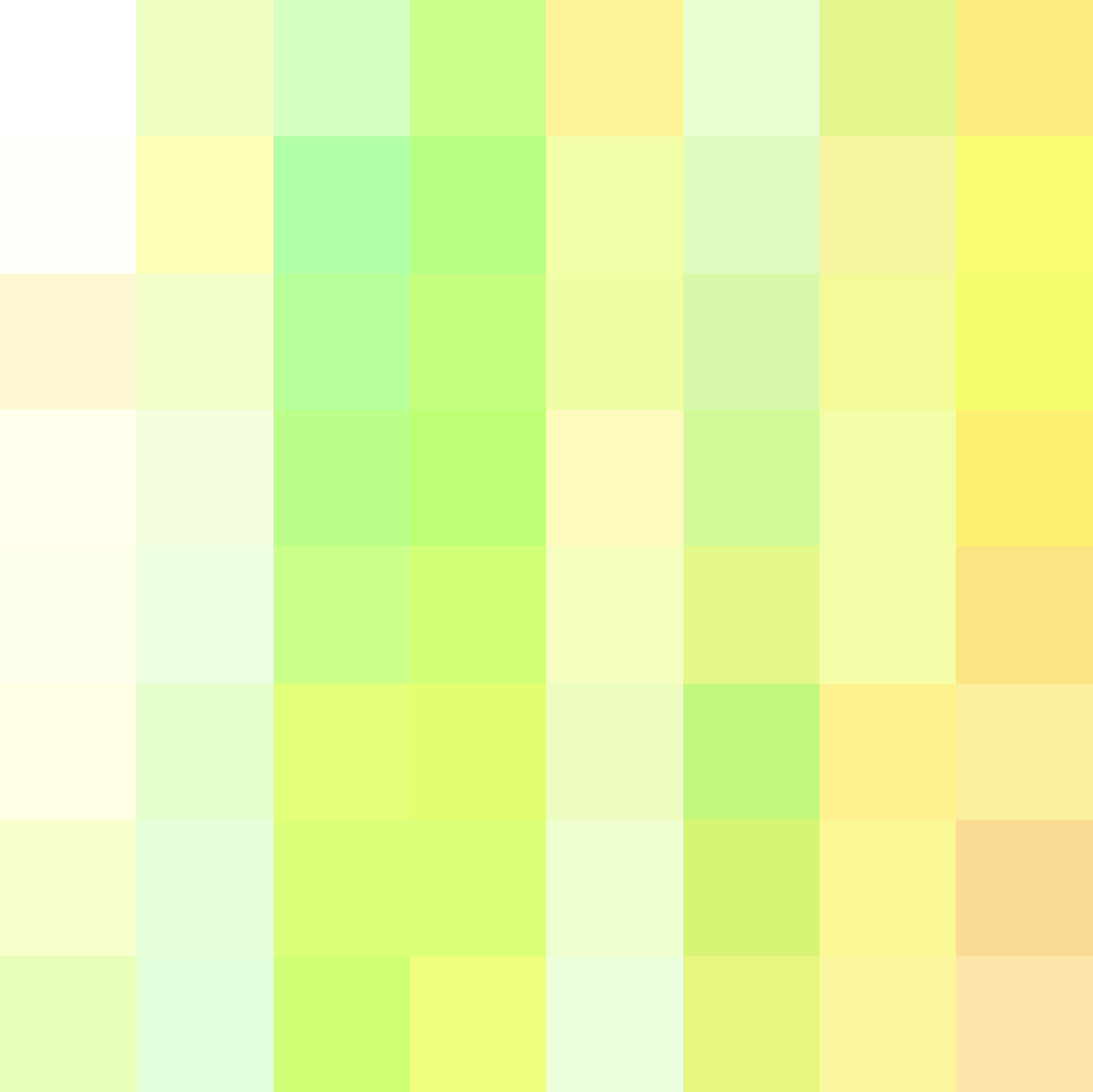
The gradient in this 8 by 8 pixel grid is mostly yellow, and it also has quite some green, some lime, and a little bit of orange in it.

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

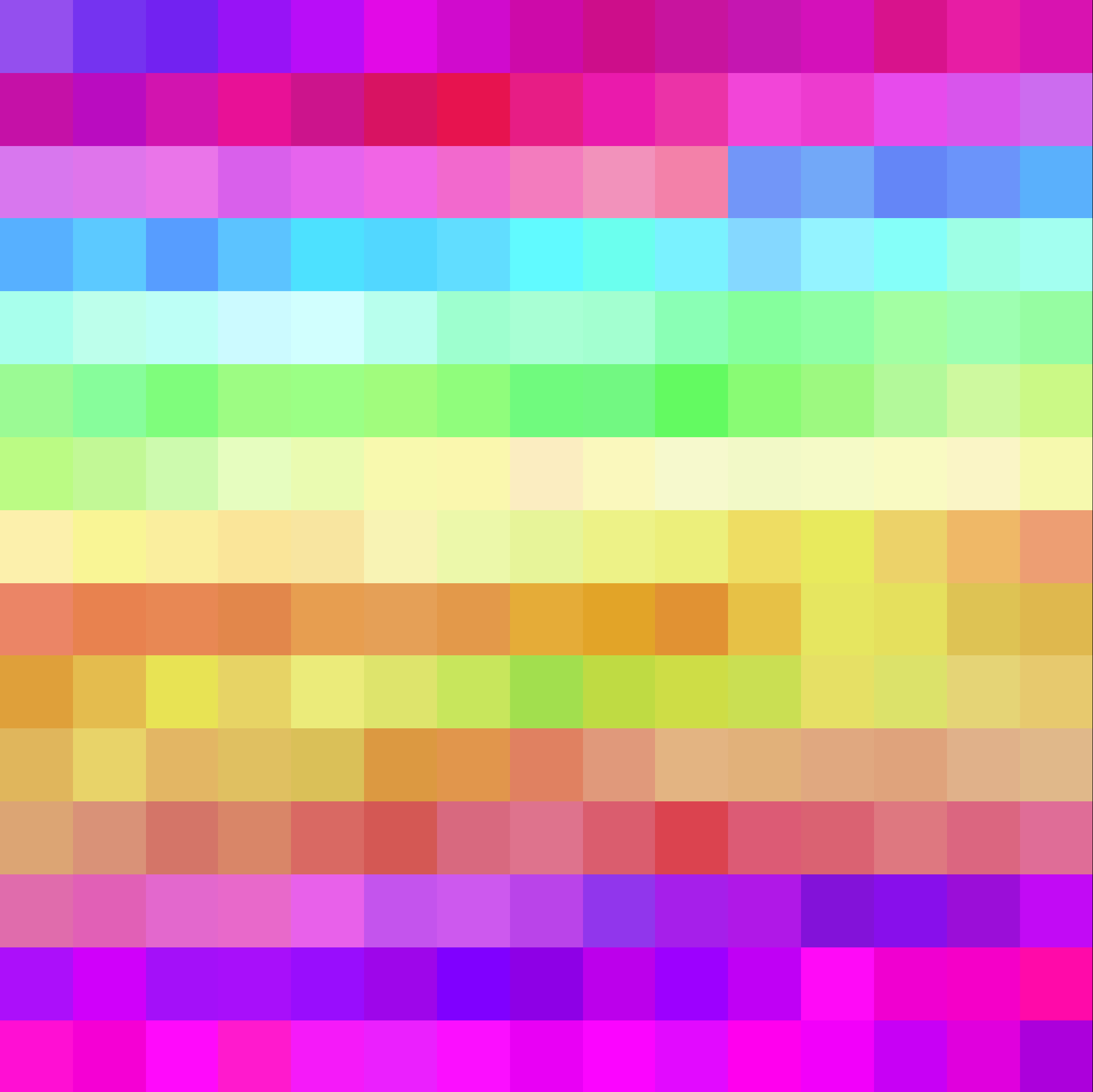Here's a 10 by 10 pixelated grid that forms a colourful gradient. It is mostly blue, but it also has some indigo, a little bit of violet, a little bit of cyan, and a tiny bit of purple in it.

The cells in this 15 by 15 pixel grid form a very, very colourful gradient. It is mostly yellow, but it also has quite some green, some blue, some orange, a bit of magenta, a little bit of lime, a little bit of indigo, a little bit of red, a little bit of cyan, a tiny bit of rose, a tiny bit of purple, and a tiny bit of violet in it.
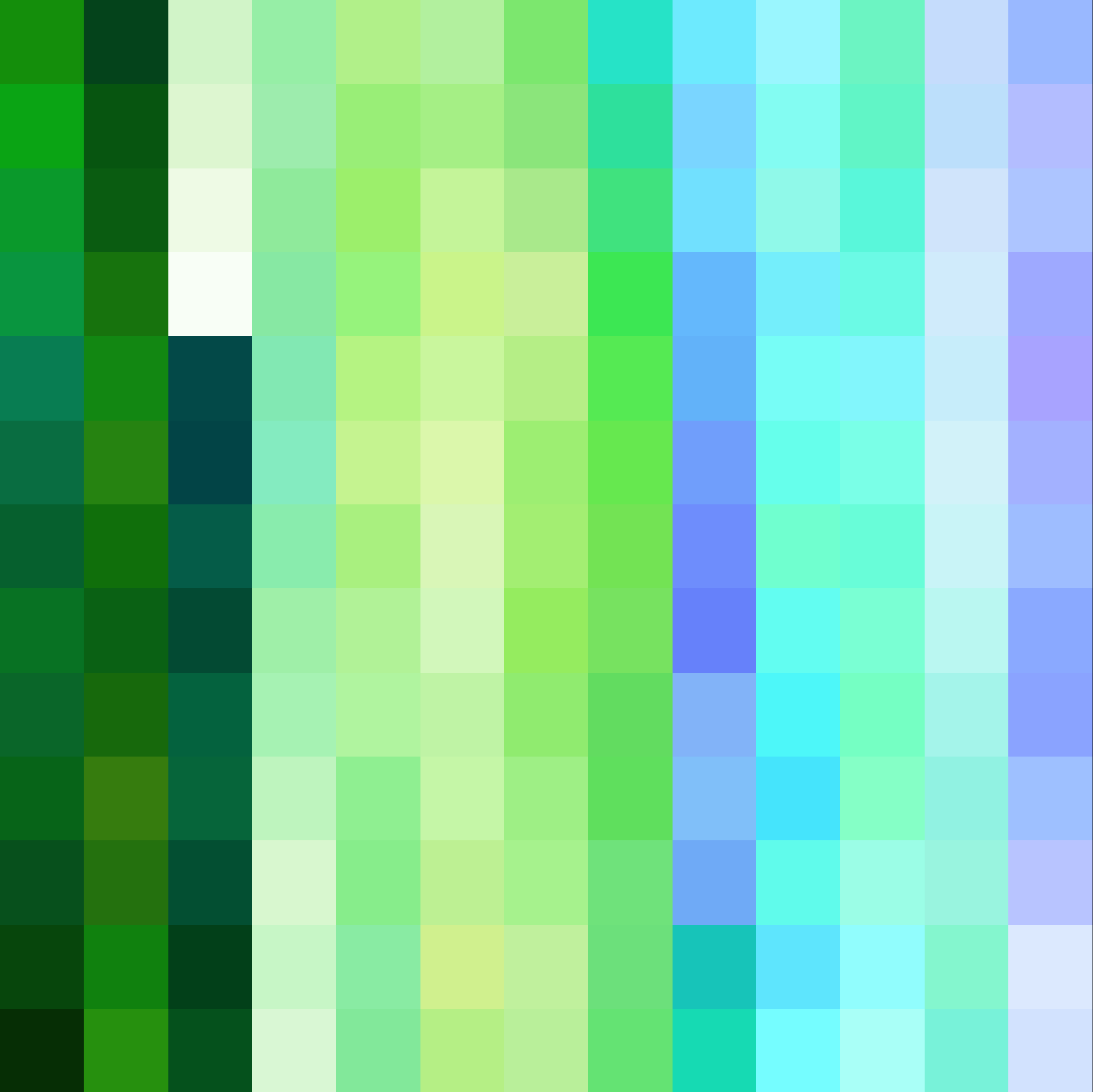
This gradient, generated in this 13 by 13 pixel grid, is mostly green, but it also has quite some cyan, some blue, and a tiny bit of indigo in it.
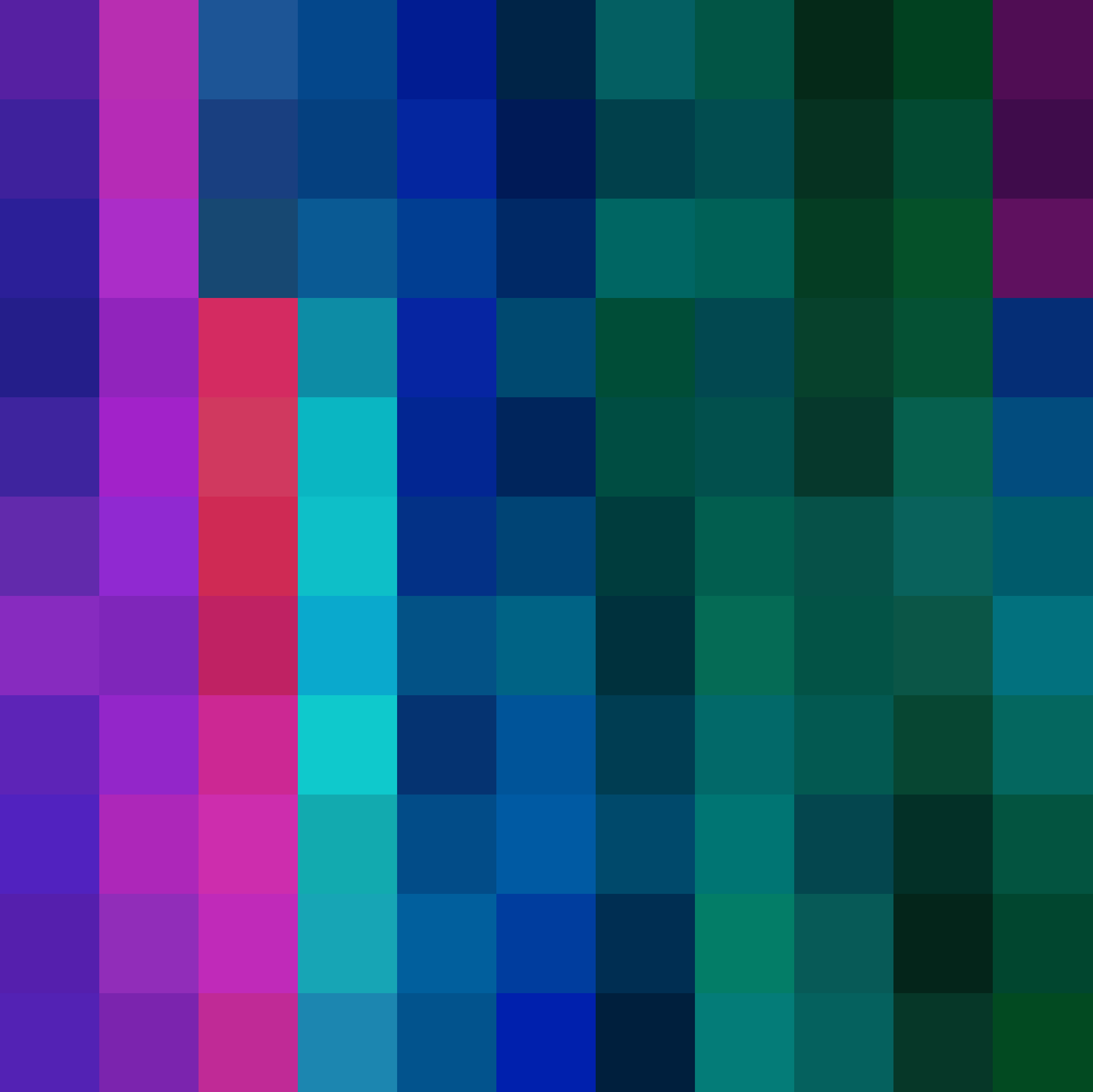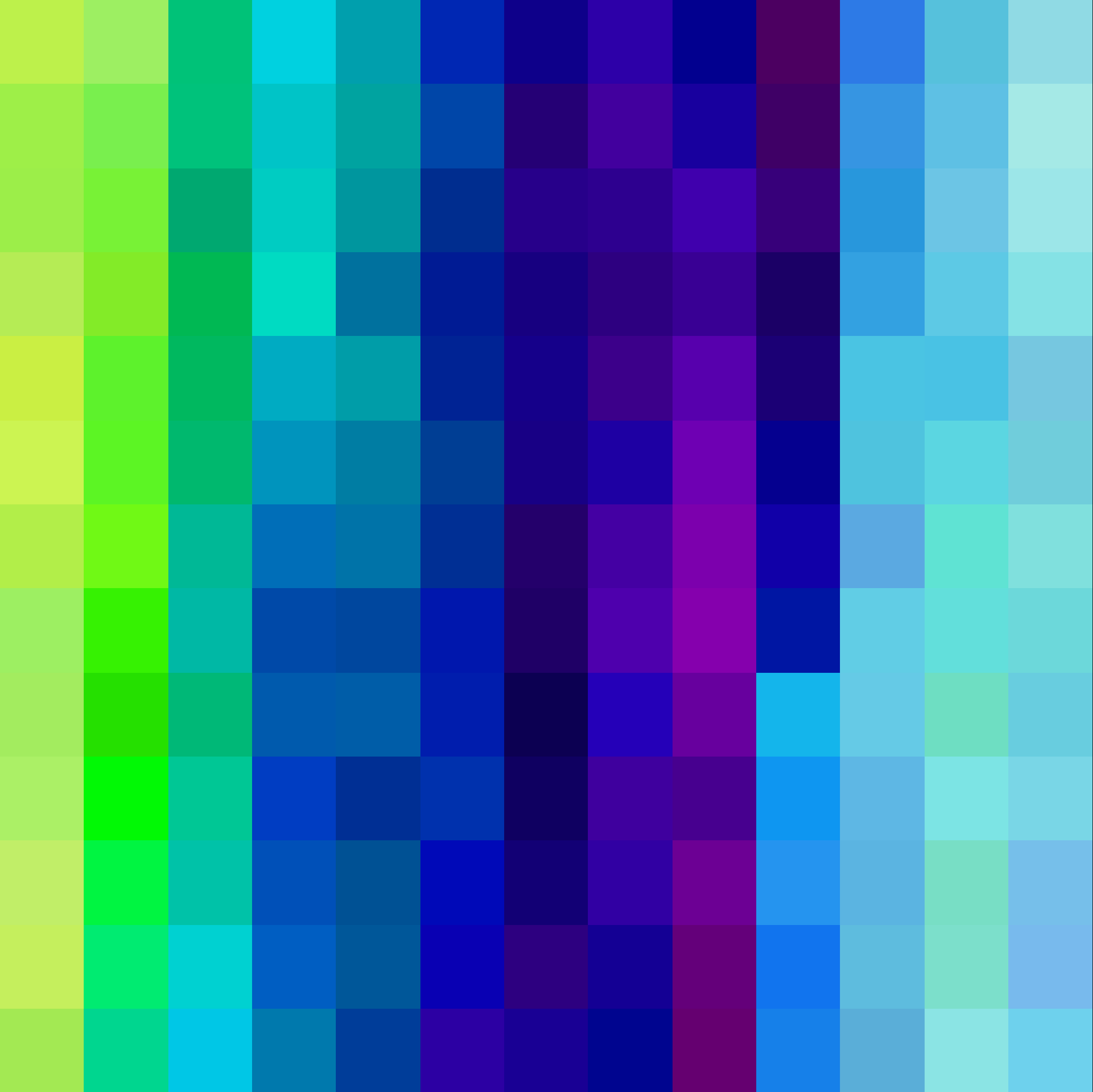
Here's an 11 by 11 pixelated grid that forms a very, very colourful gradient. It is mostly cyan, and it also has quite some blue, some green, a bit of purple, a bit of magenta, a little bit of indigo, a little bit of violet, a tiny bit of rose, and a tiny bit of red in it.

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

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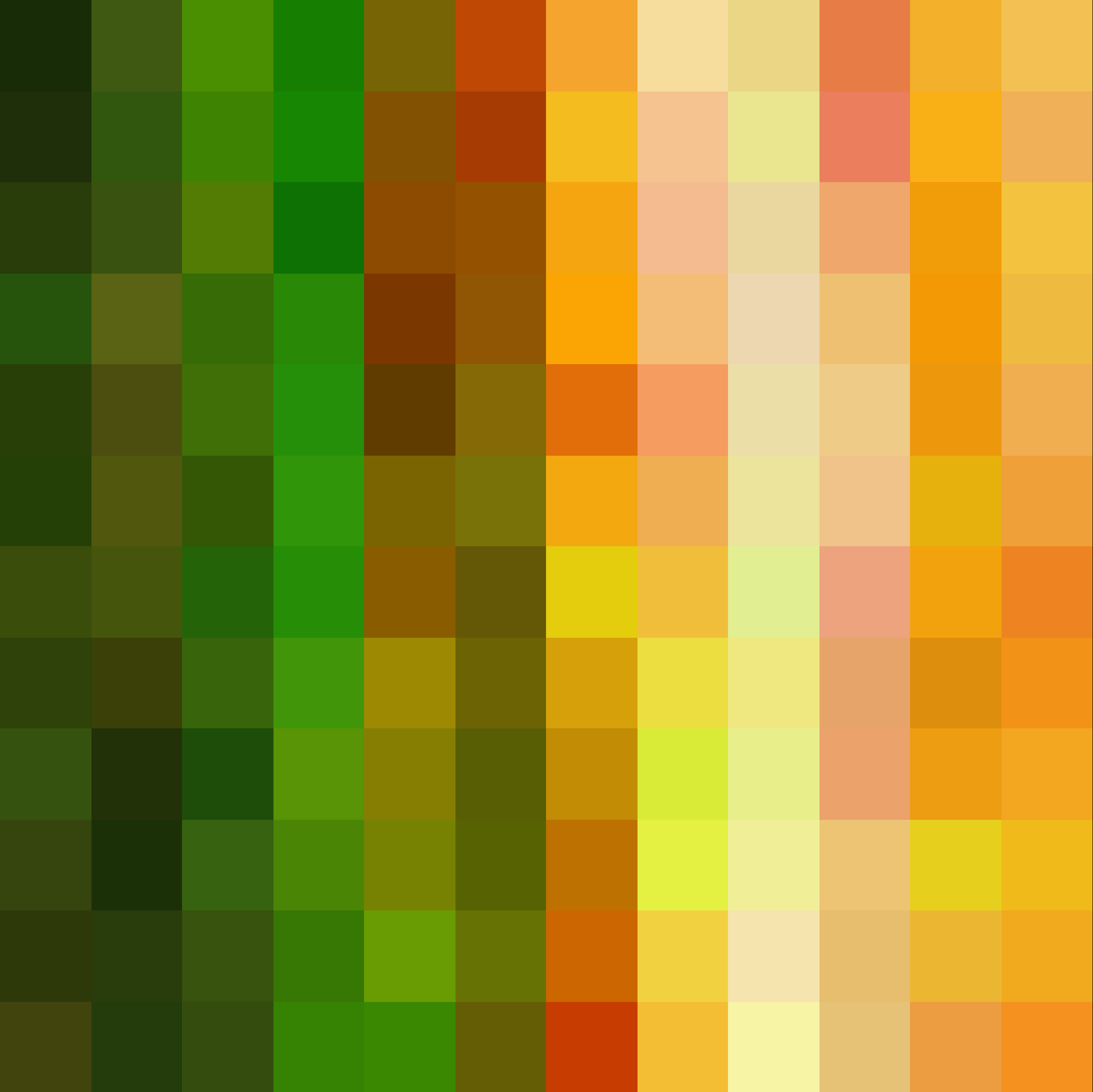
The cells in this 12 by 12 pixel grid form a colourful gradient. It is mostly orange, but it also has quite some green, quite some yellow, a little bit of lime, and a tiny bit of red in it.
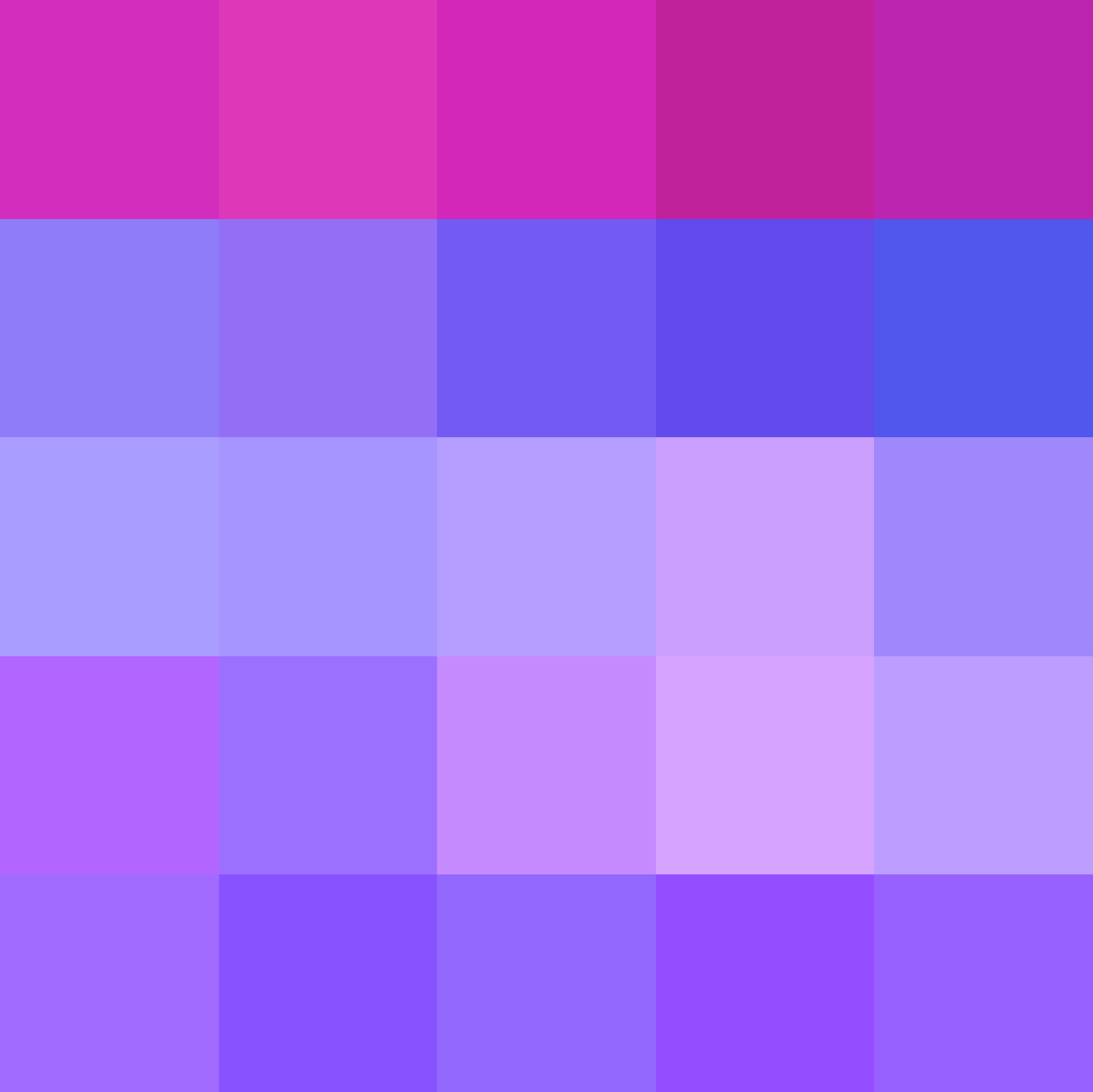
There's a pixel gradient in this 7 by 7 grid. It is mostly red, and it also has quite some orange, and a bit of yellow in it.

The gradient in this 7 by 7 pixel grid is mostly rose, but it also has quite some red, and quite some magenta in it.
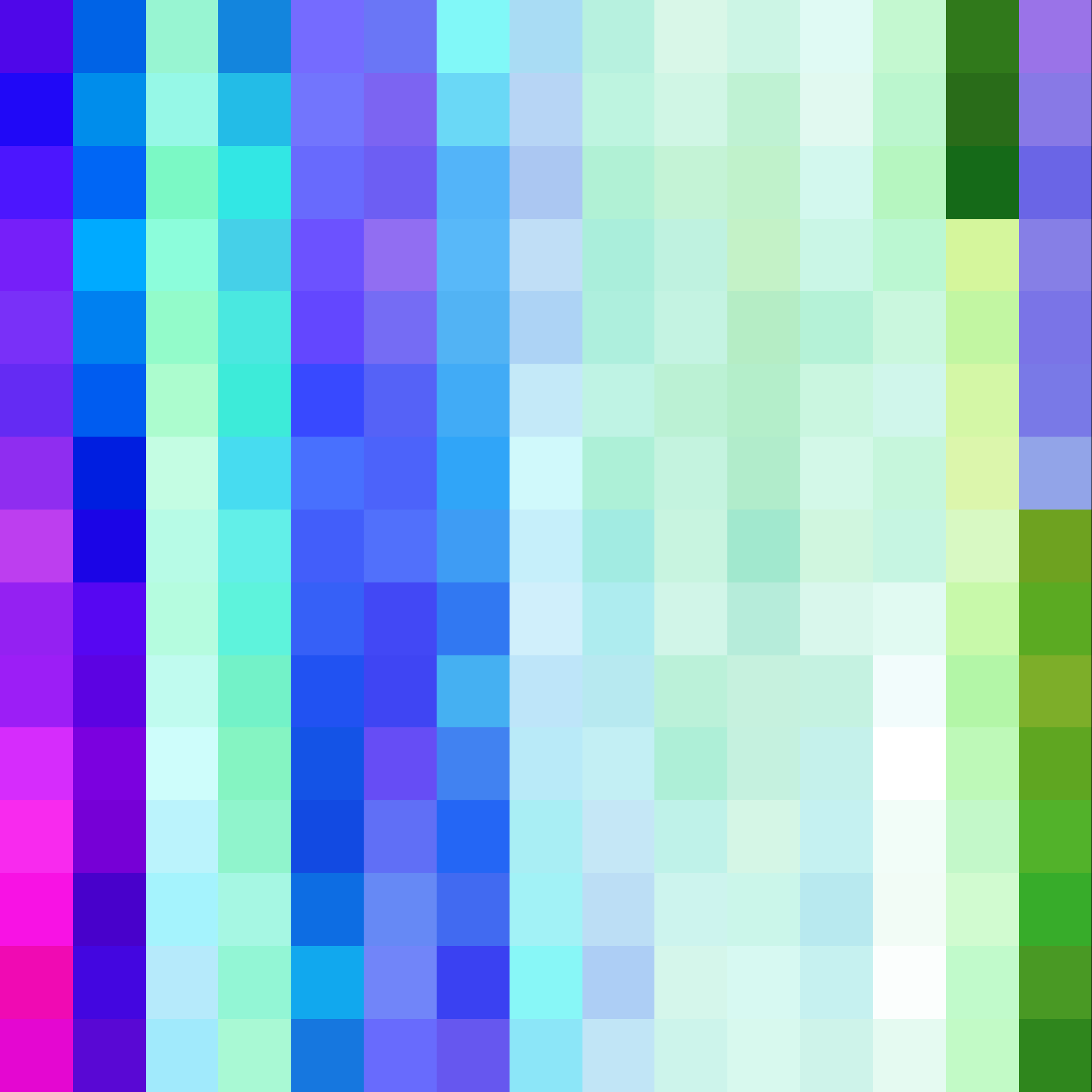
The cells in this 6 by 6 pixel grid form a two tone gradient. It is mostly orange, but it also has a lot of red in it.

This colourful gradient, generated in this 5 by 5 pixel grid, is mostly indigo, and it also has quite some magenta, some violet, a bit of purple, and a little bit of blue in it.

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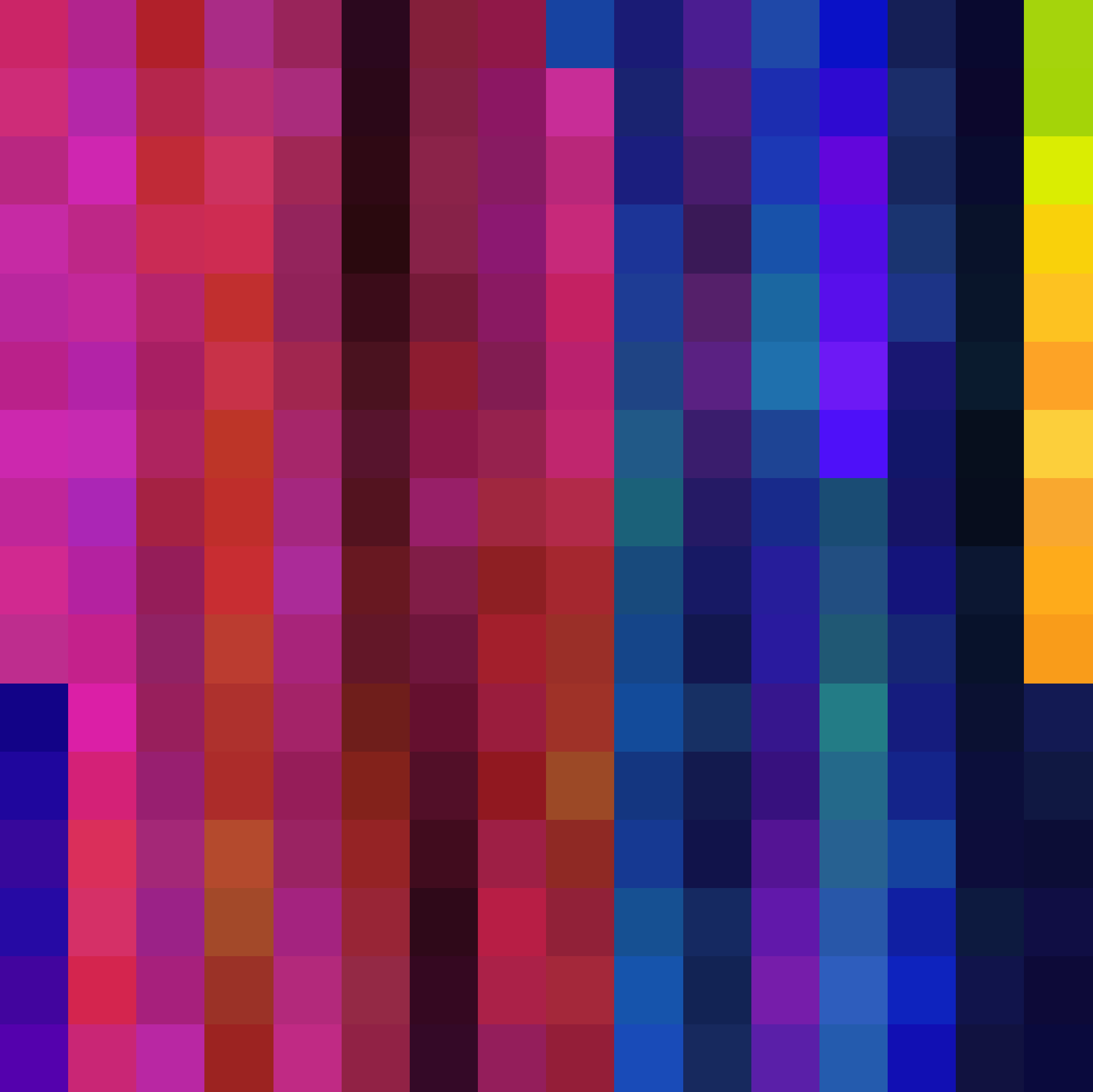
There's a very, very colourful pixel gradient in this 7 by 7 grid. It is mostly magenta, and it also has some orange, a bit of lime, a bit of rose, a bit of indigo, a bit of yellow, a little bit of green, a little bit of red, a little bit of purple, and a little bit of blue in it.

A grid of 49 blocks. It's mostly magenta, and it also has quite some red, quite some rose, and a tiny bit of orange in it.

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

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