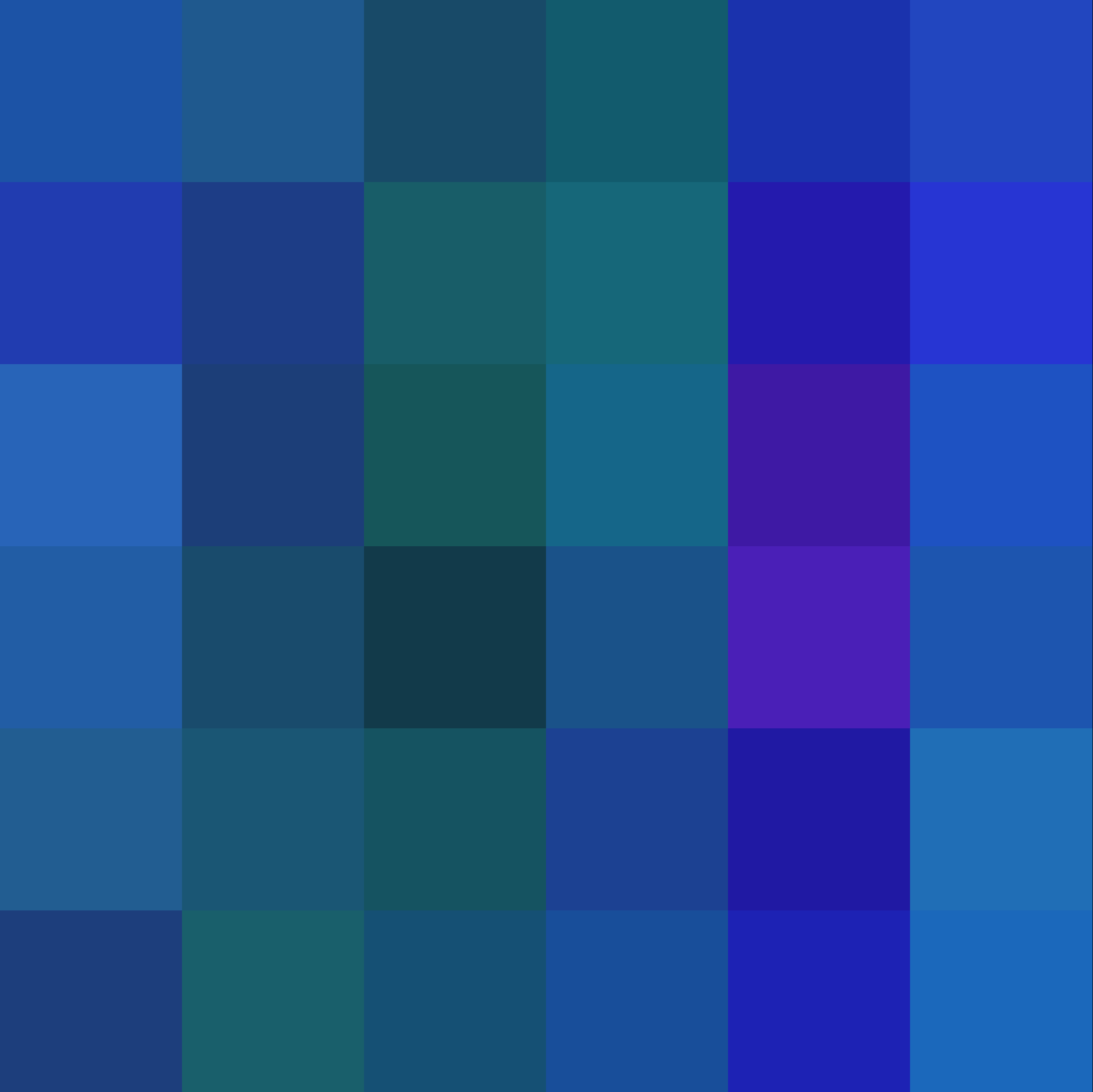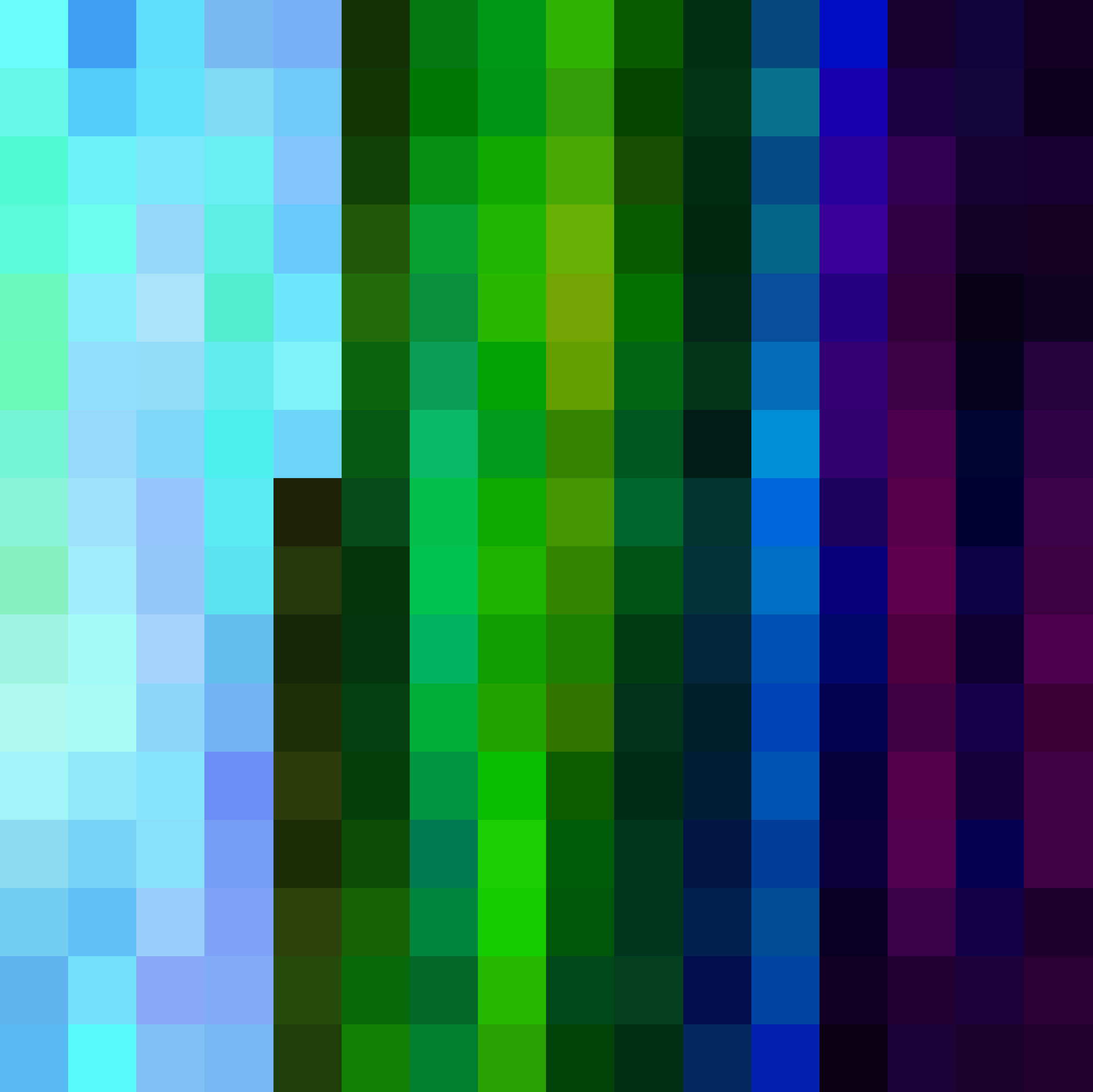# 100 random pixel gradients

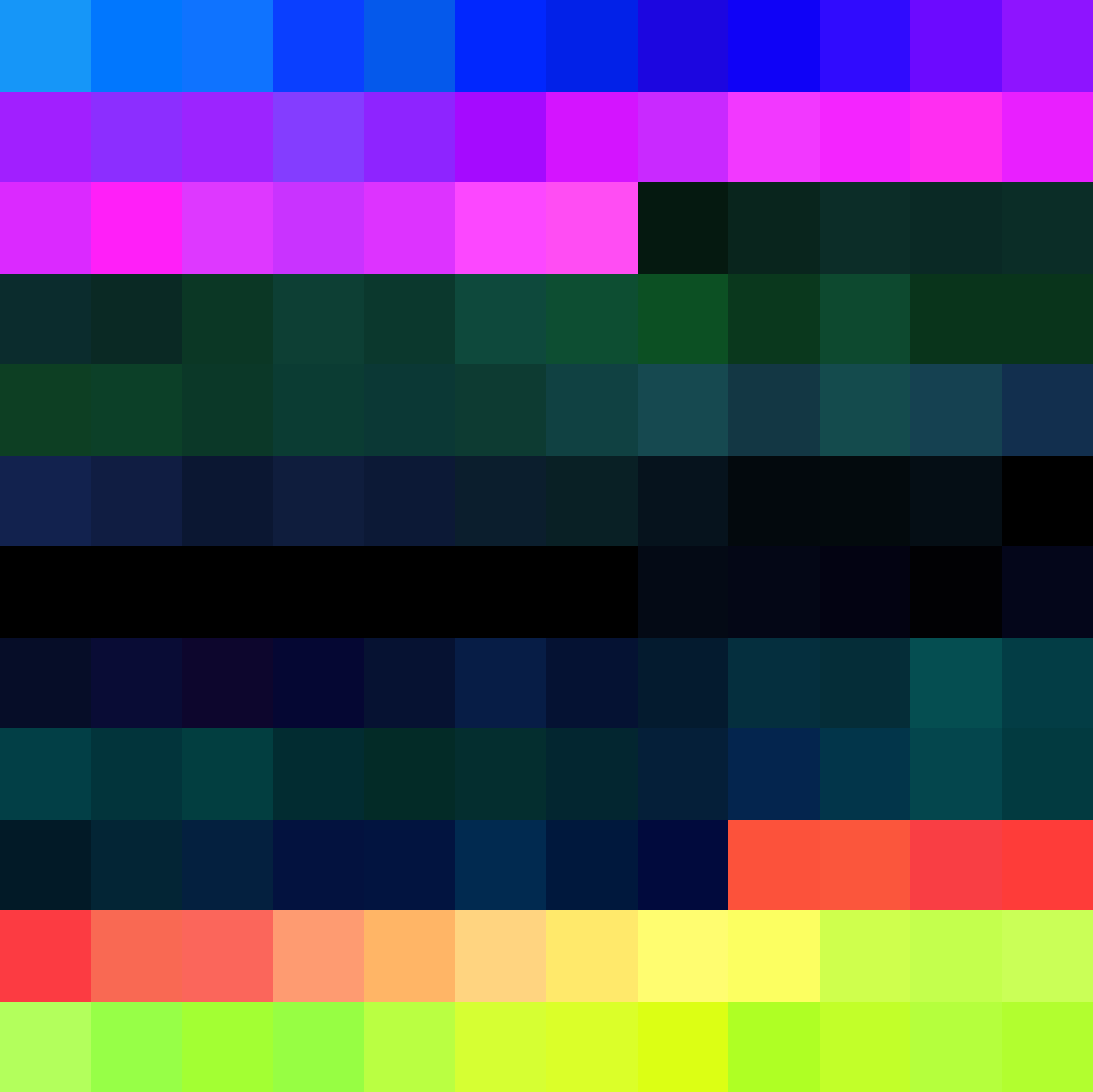Vasilis van Gemert - 25-10-2024

A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly blue, and it also has some cyan, and some indigo in it.

This very, very colourful pixel gradient—it is 16 cells wide, 16 cells high—is mostly green, and it also has quite some blue, some cyan, a bit of indigo, a little bit of purple, a little bit of violet, a little bit of magenta, a tiny bit of lime, and a tiny bit of yellow in it.
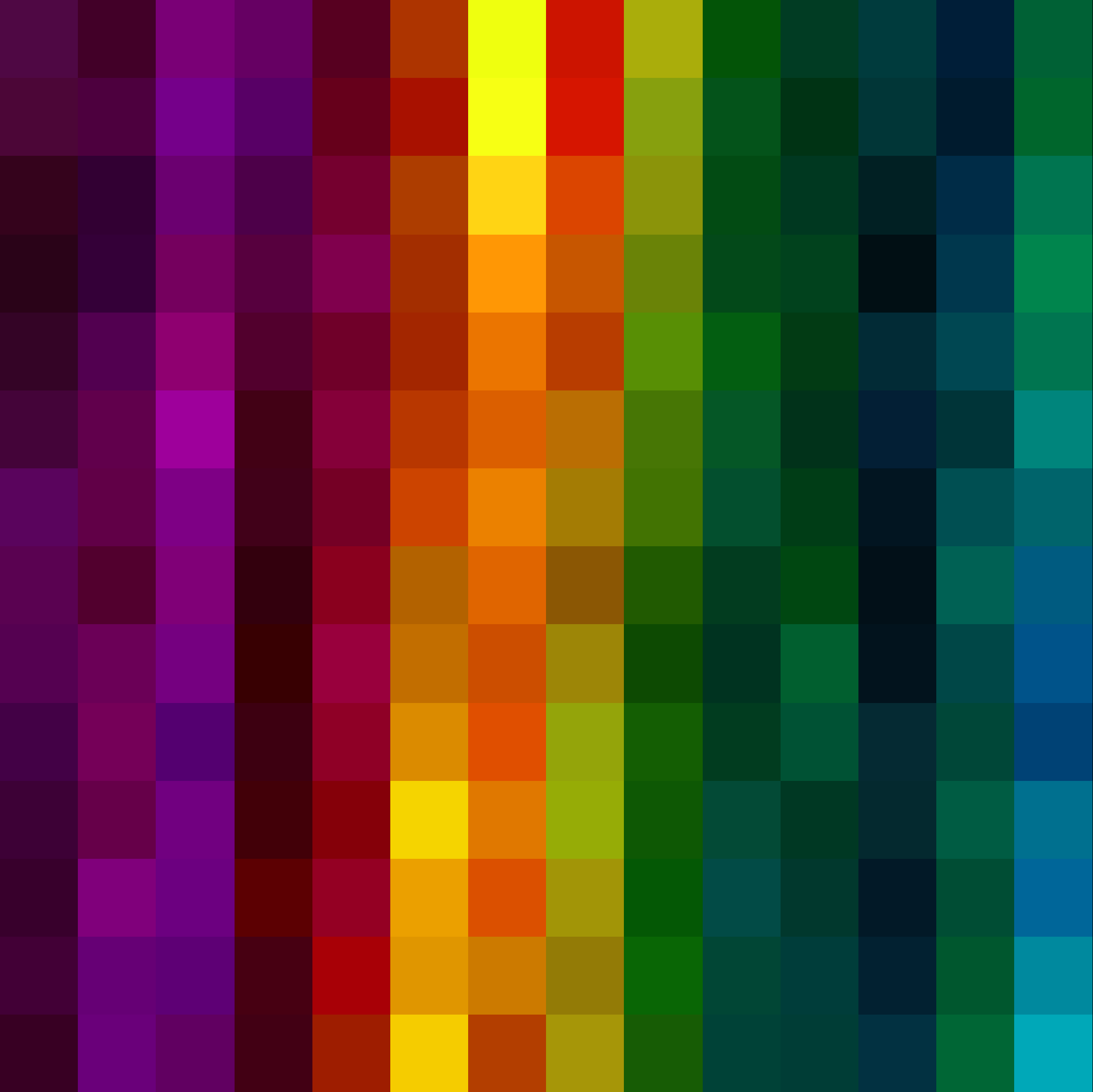
This very colourful pixel gradient—it is 8 cells wide, 8 cells high—is mostly red, but it also has quite some rose, some magenta, a bit of green, a little bit of lime, a little bit of yellow, and a tiny bit of purple in it.
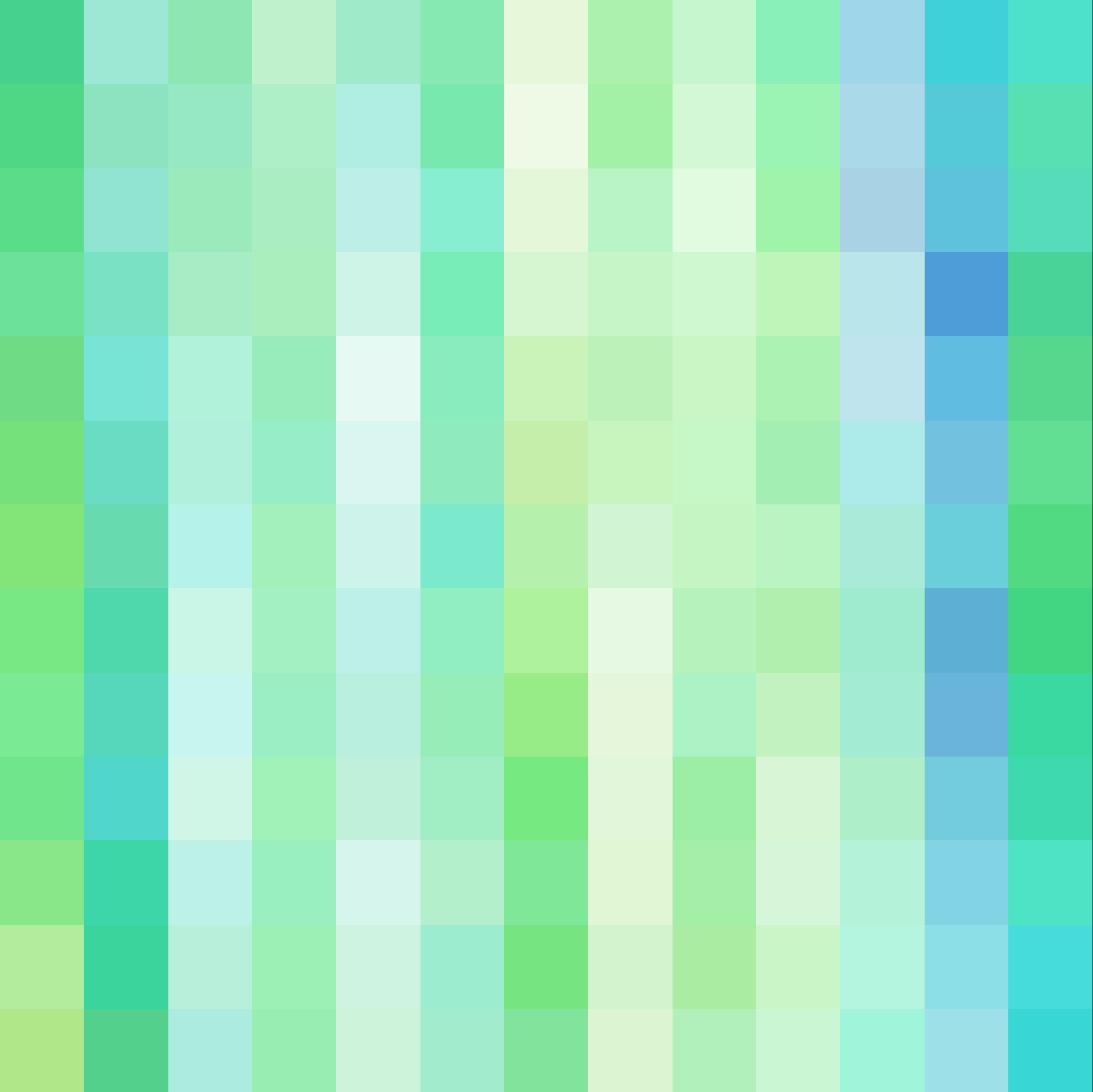
The cells in this 12 by 12 pixel grid form a very, very colourful gradient. It is mostly blue, but it also has some cyan, some green, a bit of purple, a little bit of magenta, a little bit of red, a little bit of indigo, a little bit of yellow, a little bit of violet, a little bit of lime, and a tiny bit of orange in it.
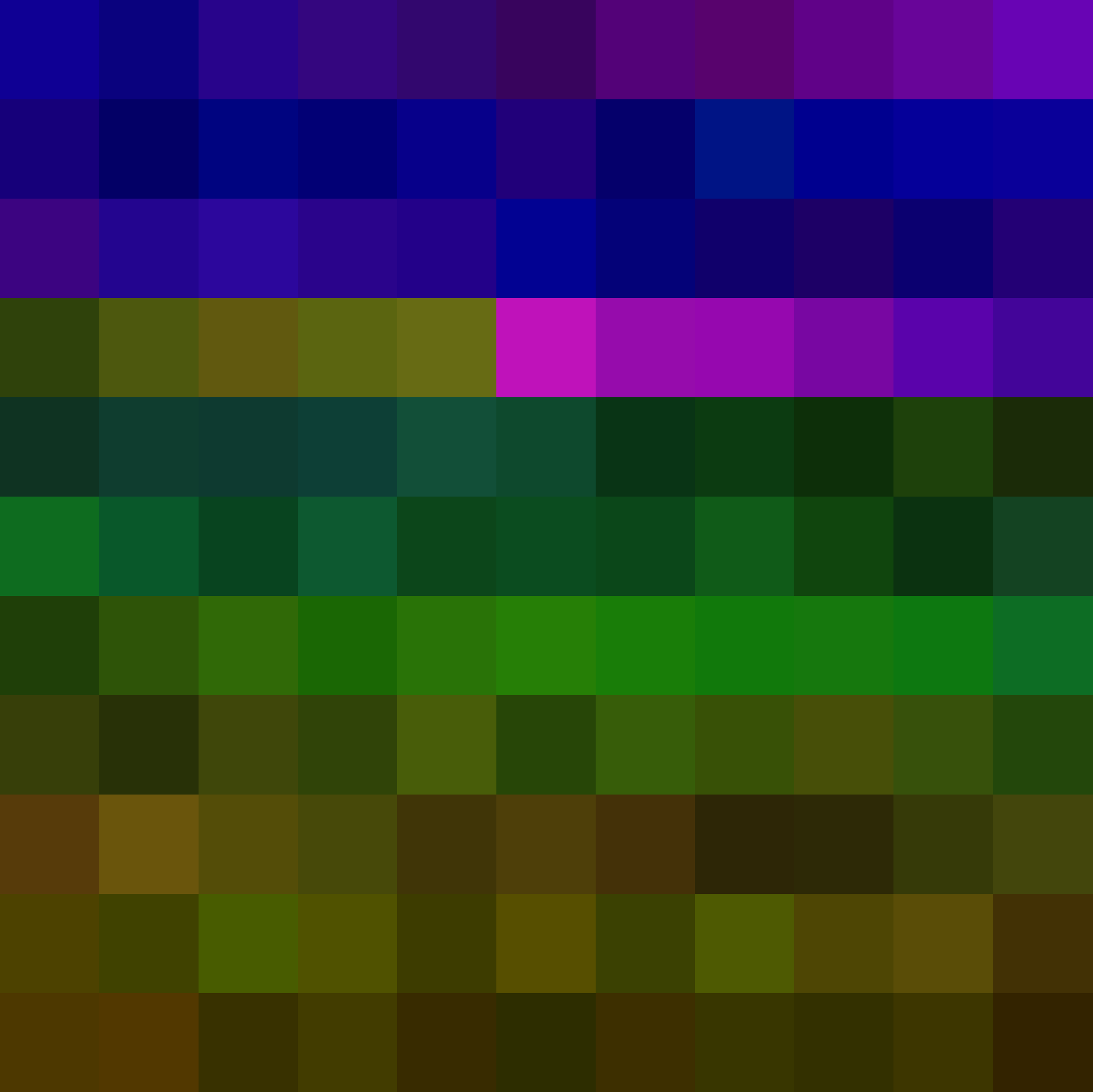
This very colourful pixel gradient—it is 15 cells wide, 15 cells high—is mostly red, and it also has quite some green, some magenta, some rose, a bit of orange, a little bit of yellow, and a tiny bit of lime in it.
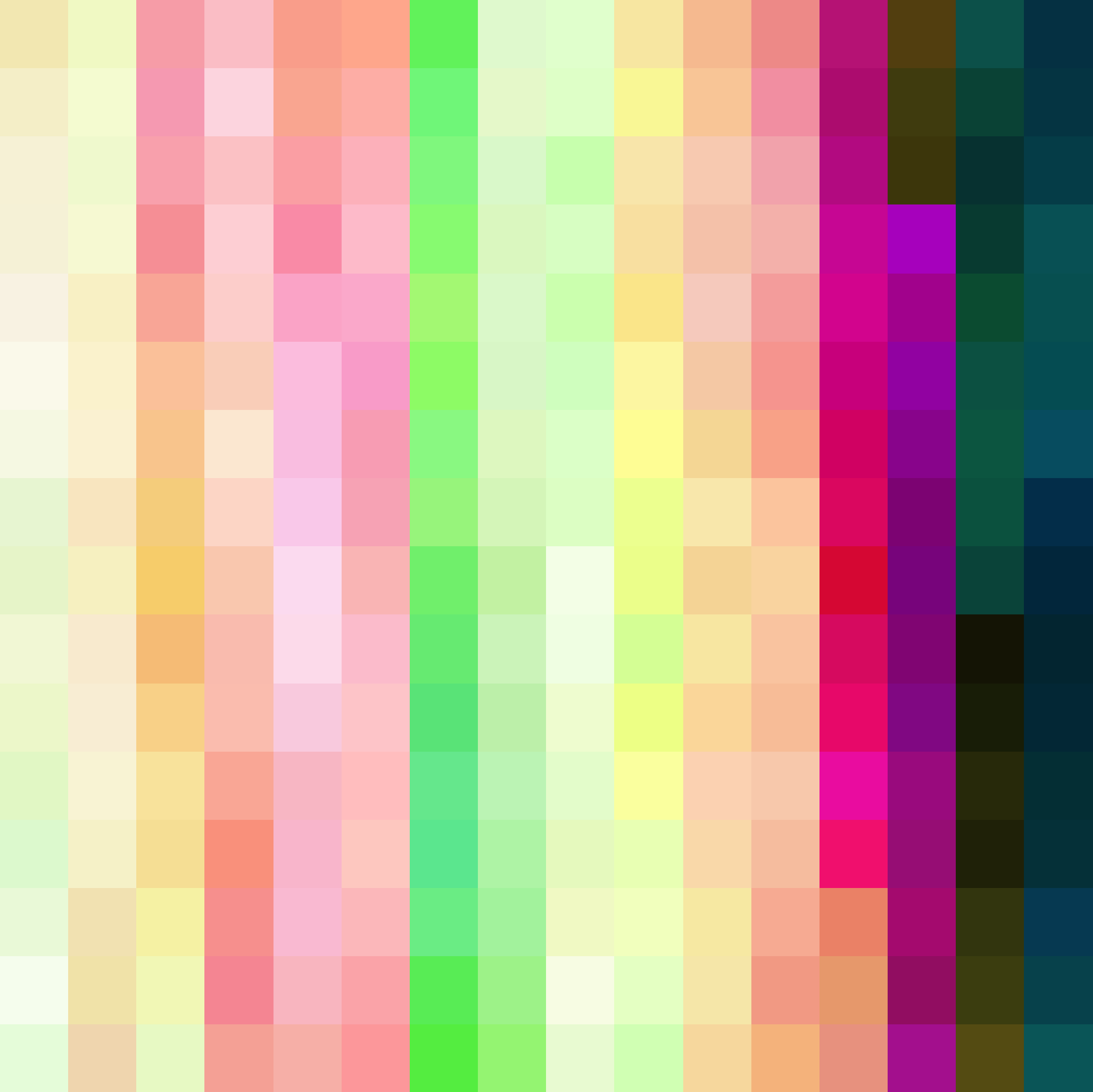
A very, very colourful grid of 196 blocks. It's mostly magenta, but it also has quite some green, some orange, some cyan, a bit of blue, a bit of rose, a bit of red, a bit of yellow, a tiny bit of purple, and a tiny bit of lime in it.
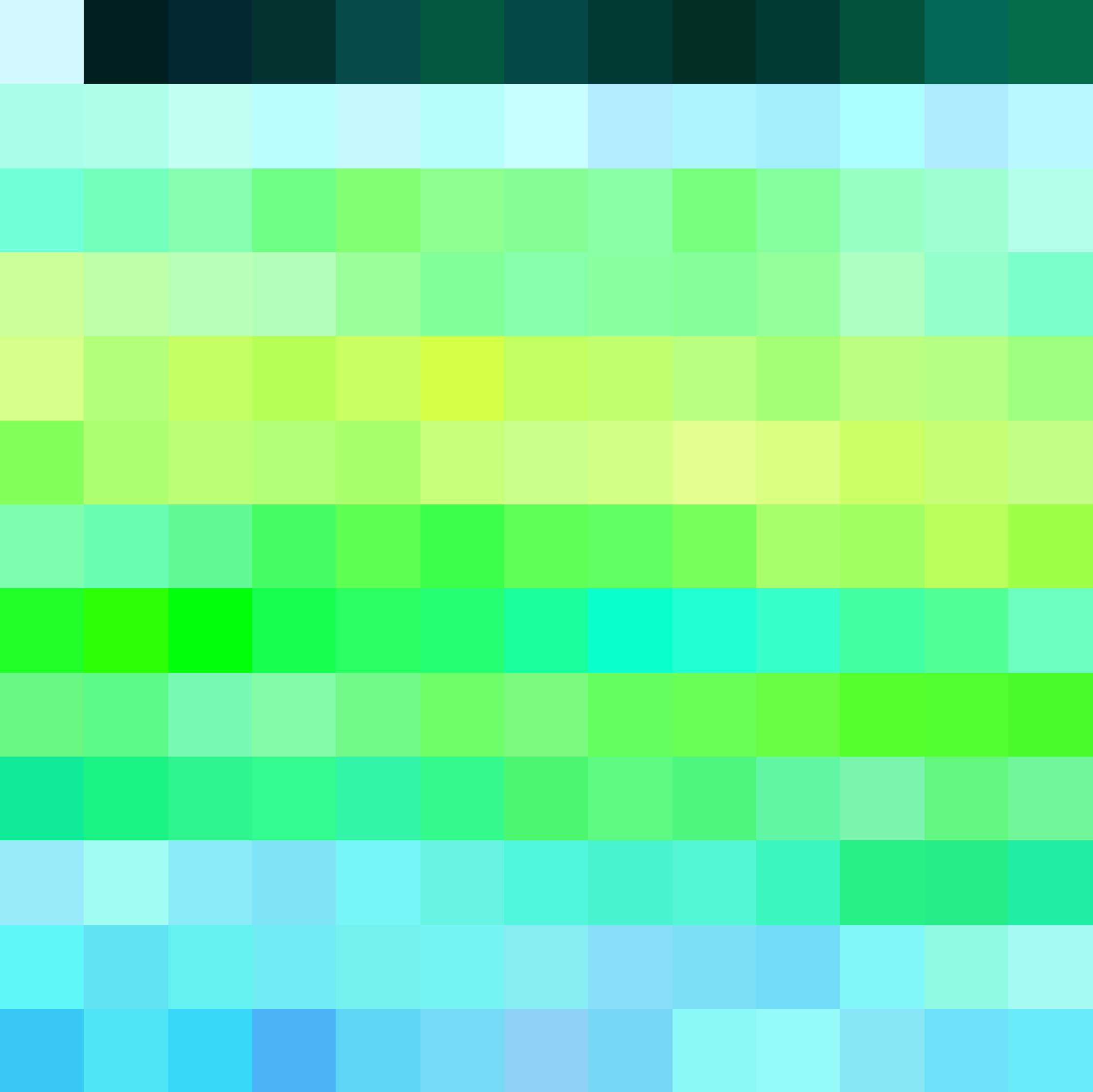
This gradient, generated in this 13 by 13 pixel grid, is mostly green, and it also has quite some cyan, and a little bit of blue in it.

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

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

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

This very colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly blue, and it also has some indigo, some cyan, a little bit of violet, a little bit of orange, a little bit of yellow, and a tiny bit of purple in it.

This colourful pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, but it also has some orange, some lime, some yellow, and a little bit of red in it.
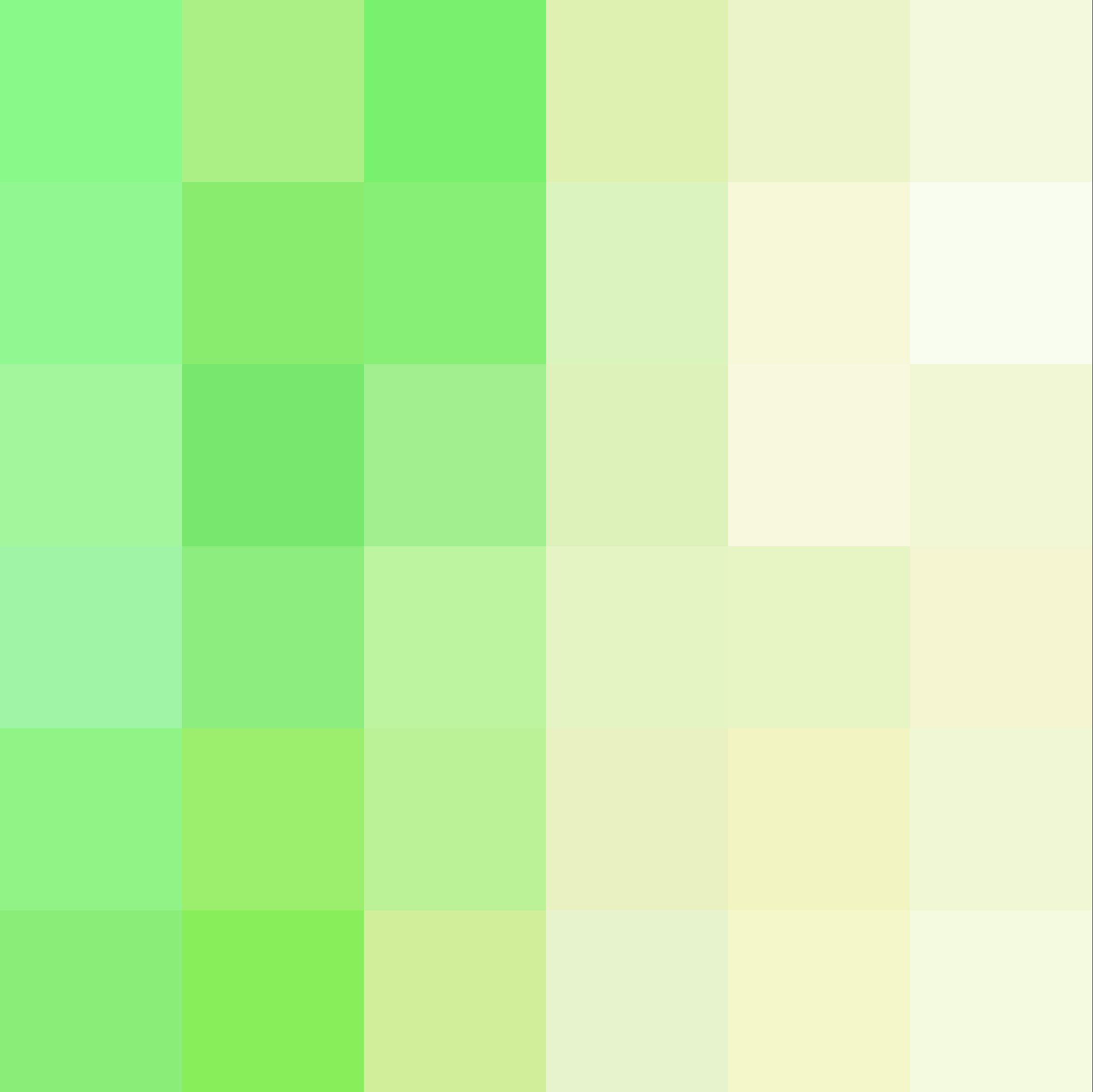
The cells in this 7 by 7 pixel grid form a gradient. It is mostly purple, but it also has quite some indigo, quite some violet, and a little bit of magenta in it.
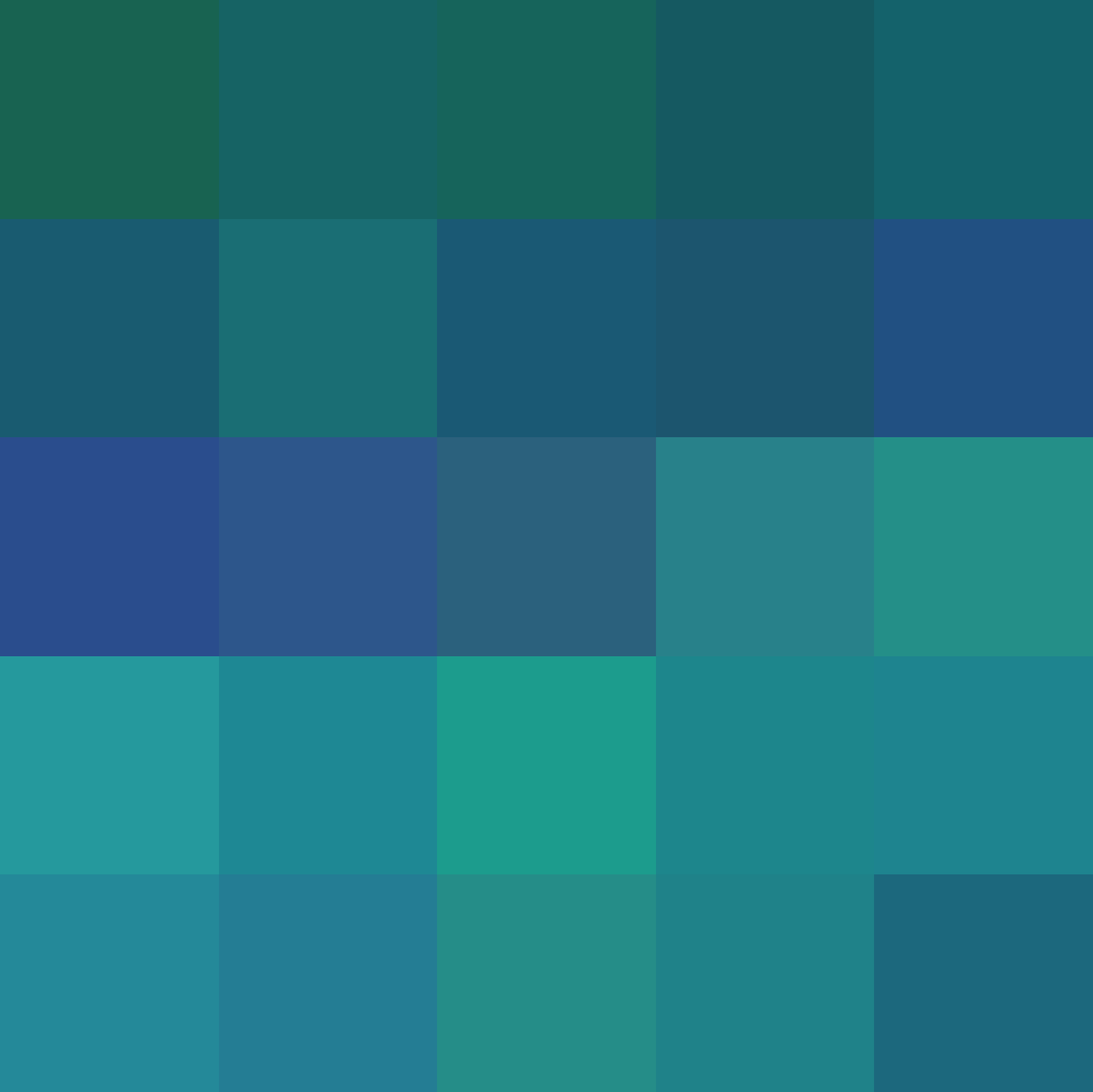
A grid of 49 blocks. It's mostly yellow, but it also has quite some green, some lime, and a bit of orange in it.
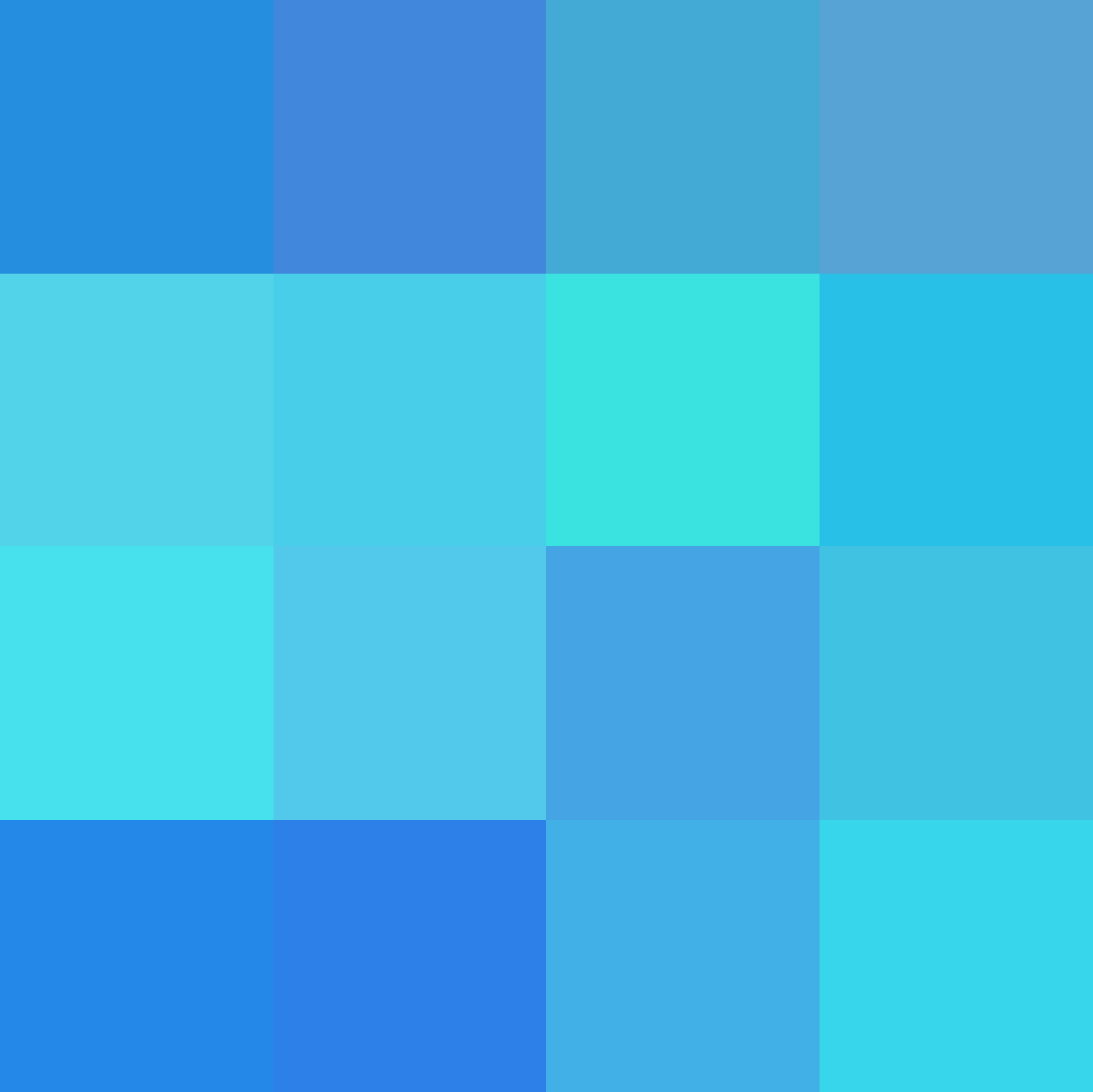
A 5 by 5 grid with coloured squares that form a colourful gradient. The colours are various shades of mostly yellow, and it also has quite some orange, some lime, a bit of green, and a bit of red in it.

This pixel gradient—it is 6 cells wide, 6 cells high—is mostly green, but it also has some lime, and some yellow in it.
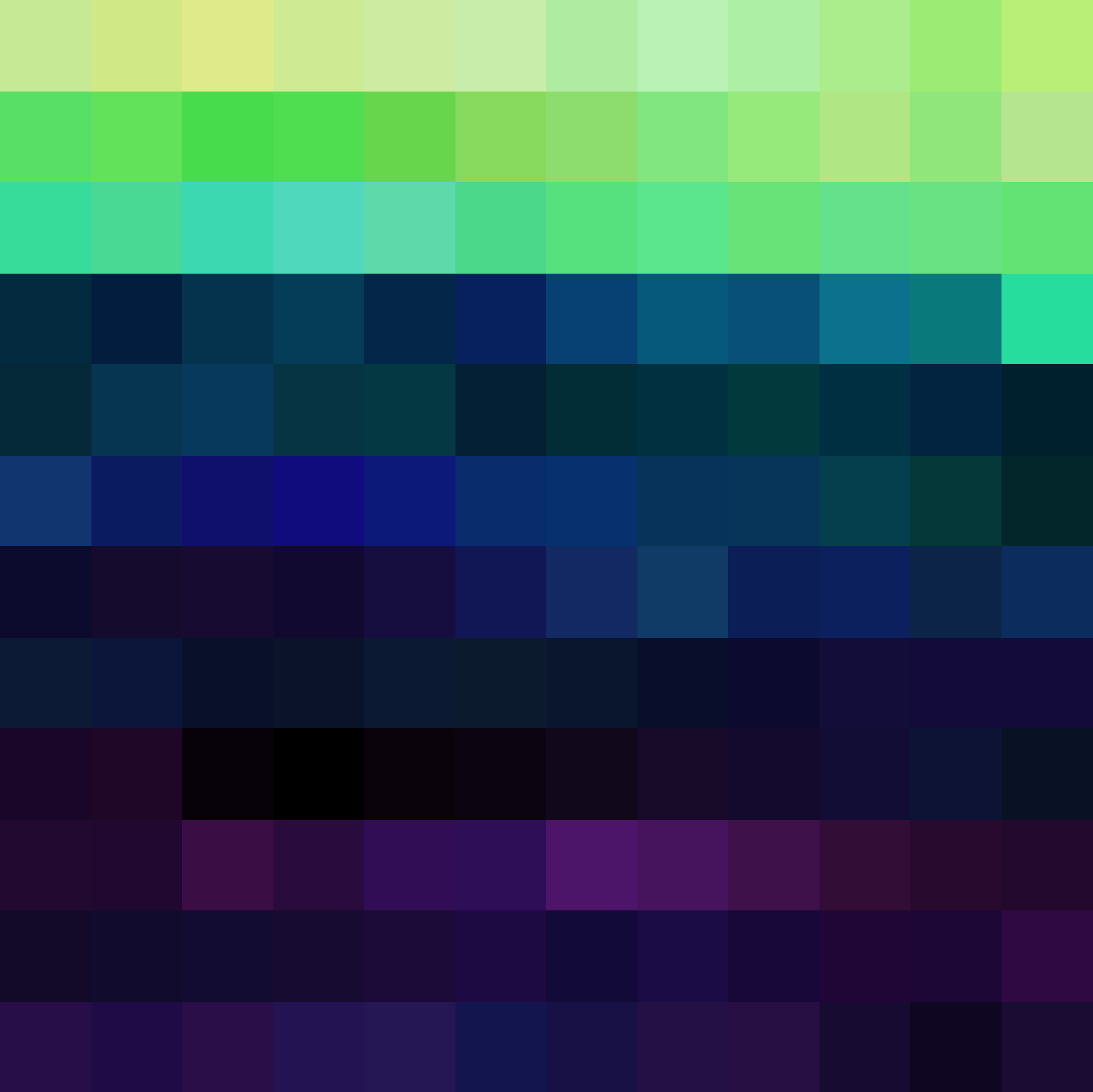
The two tone gradient in this 5 by 5 pixel grid is mostly cyan, but it also has quite some blue in it.
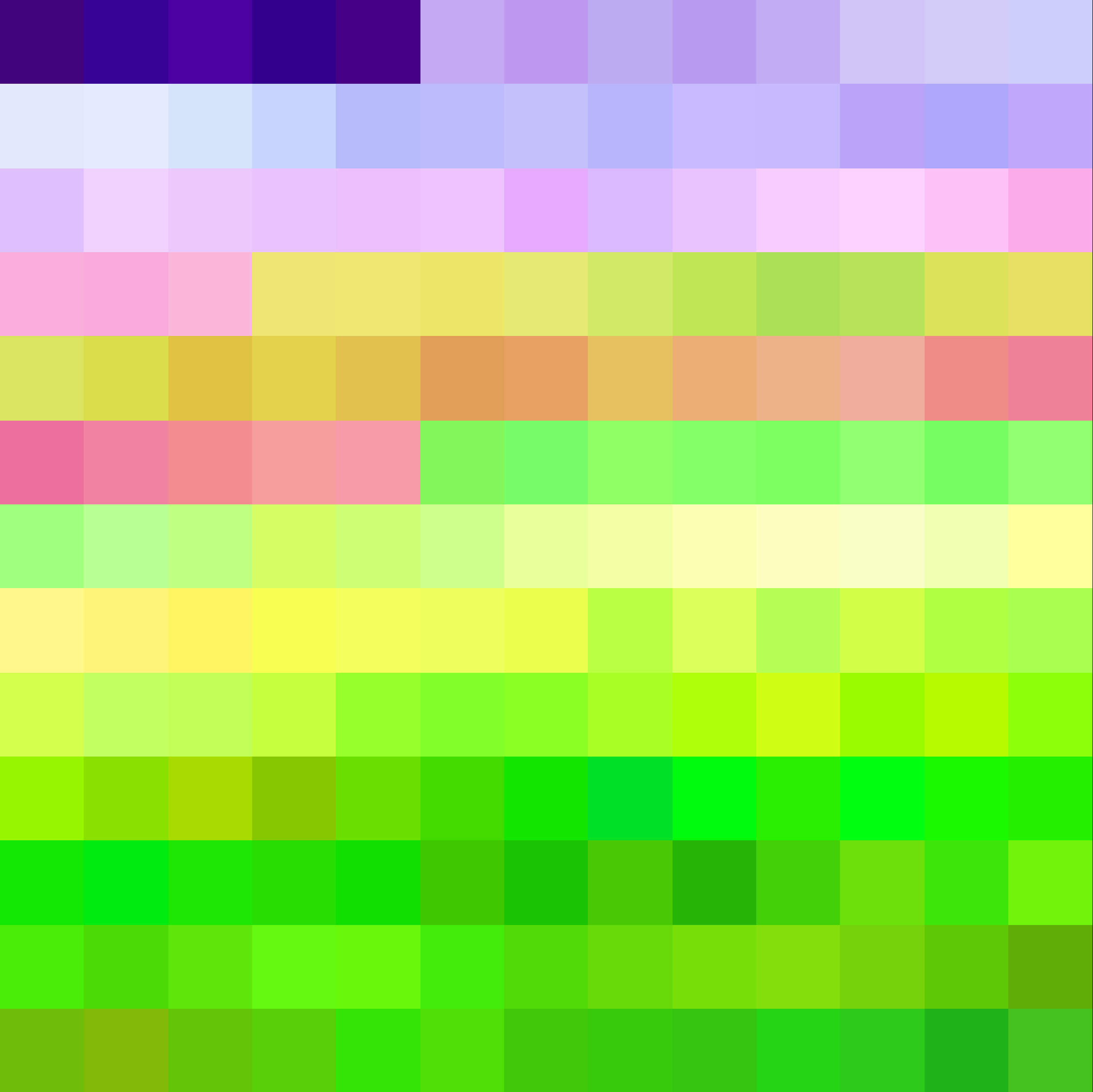
Here's a 4 by 4 pixelated grid that forms a two tone gradient. It is mostly blue, and it also has a lot of cyan in it.
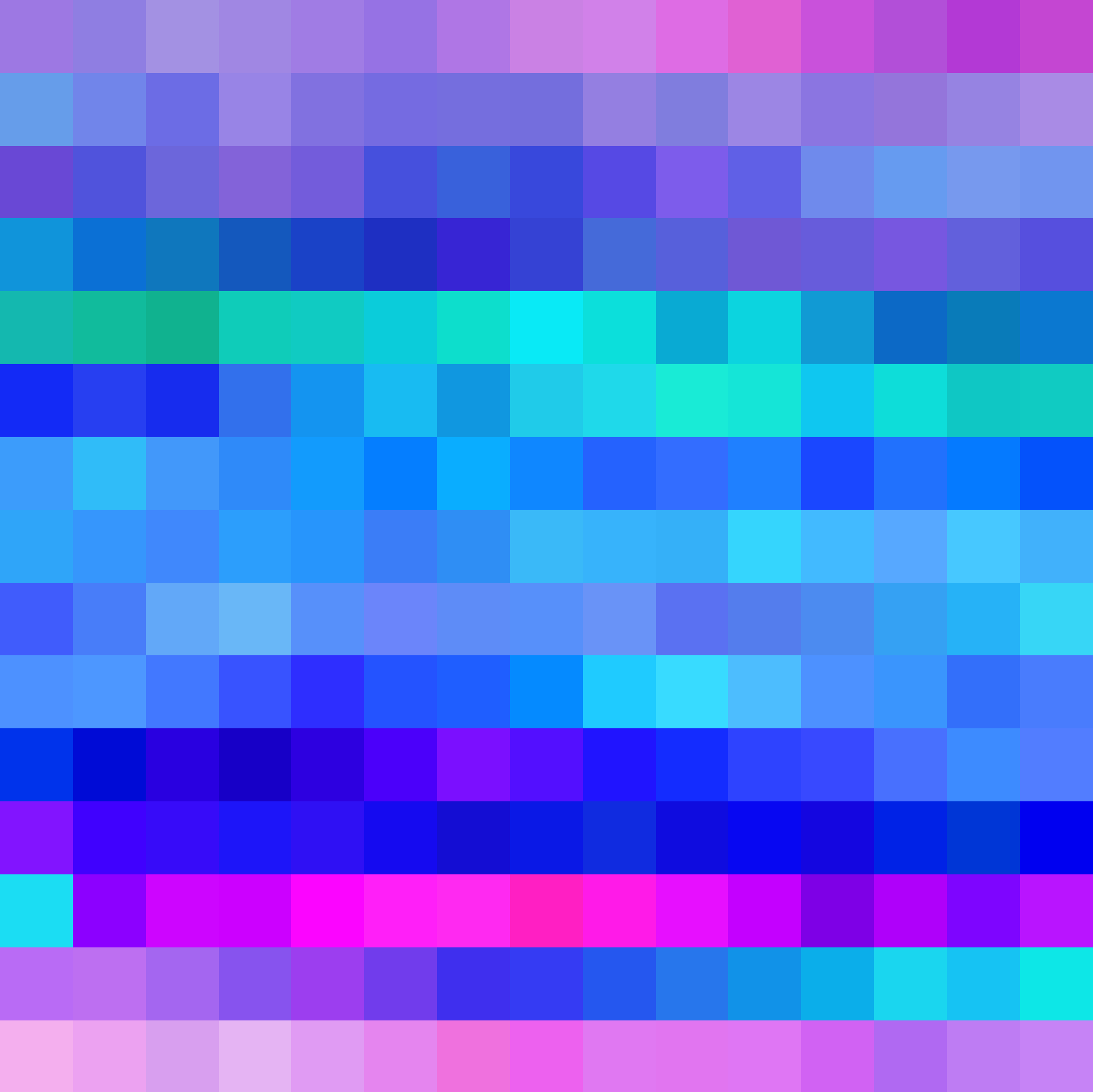
This very, very colourful gradient, generated in this 12 by 12 pixel grid, is mostly green, but it also has a bit of red, a bit of magenta, a little bit of purple, a little bit of orange, a little bit of blue, a little bit of yellow, a little bit of cyan, a tiny bit of rose, a tiny bit of lime, and a tiny bit of indigo in it.

A very, very colourful grid of 144 blocks. It's mostly blue, but it also has quite some green, some indigo, a bit of purple, a bit of violet, a bit of cyan, a tiny bit of magenta, a tiny bit of yellow, and a tiny bit of lime in it.
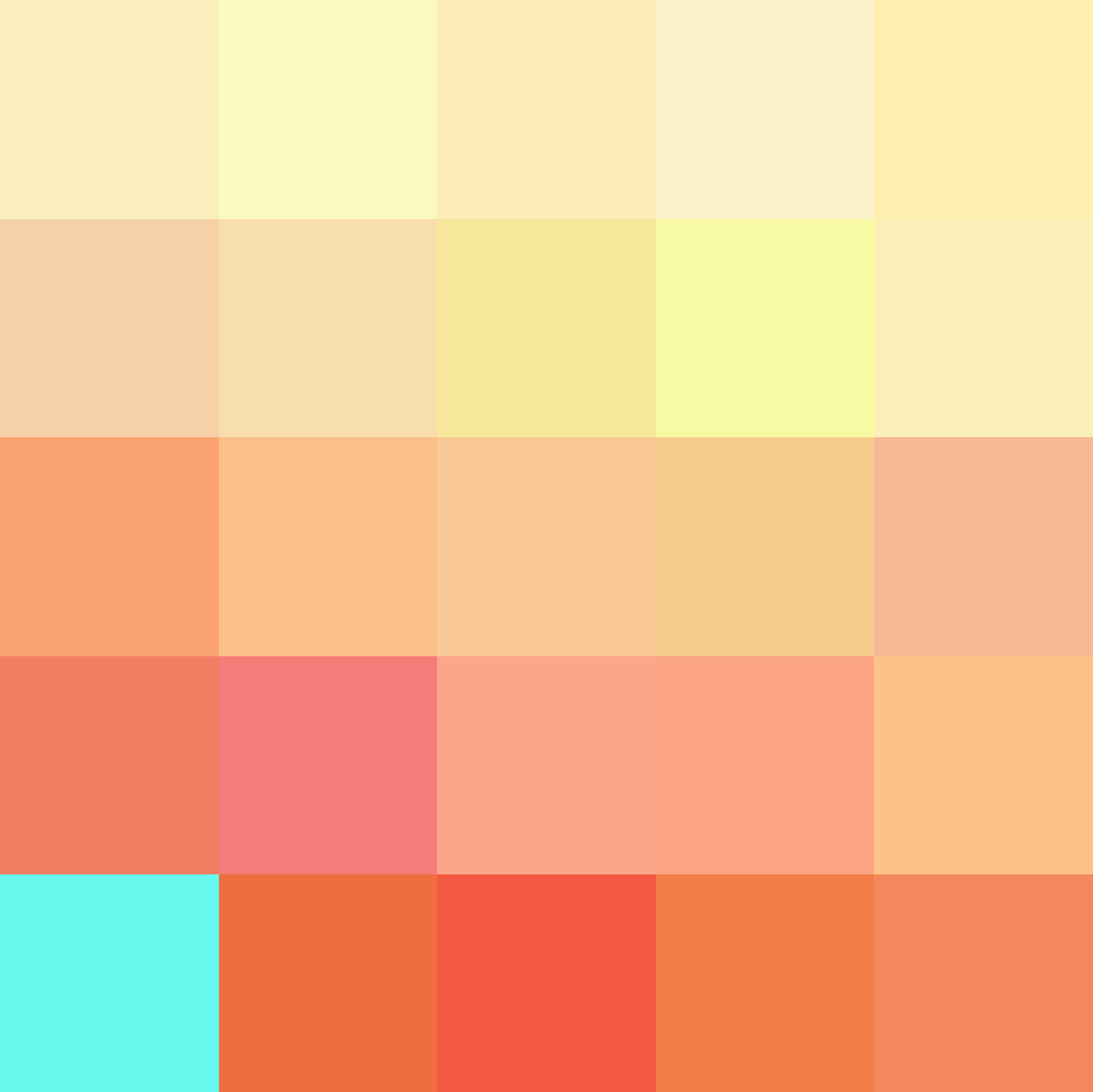
The very, very colourful gradient in this 13 by 13 pixel grid is mostly green, but it also has some yellow, a bit of lime, a bit of indigo, a little bit of purple, a little bit of red, a little bit of violet, a little bit of blue, a little bit of magenta, a little bit of orange, and a tiny bit of rose in it.

The very colourful gradient in this 15 by 15 pixel grid is mostly blue, and it also has quite some indigo, some cyan, some purple, a bit of magenta, and a little bit of violet in it.

This very colourful pixel gradient—it is 10 cells wide, 10 cells high—is mostly magenta, and it also has quite some rose, some red, some purple, a little bit of violet, a little bit of indigo, and a tiny bit of orange in it.
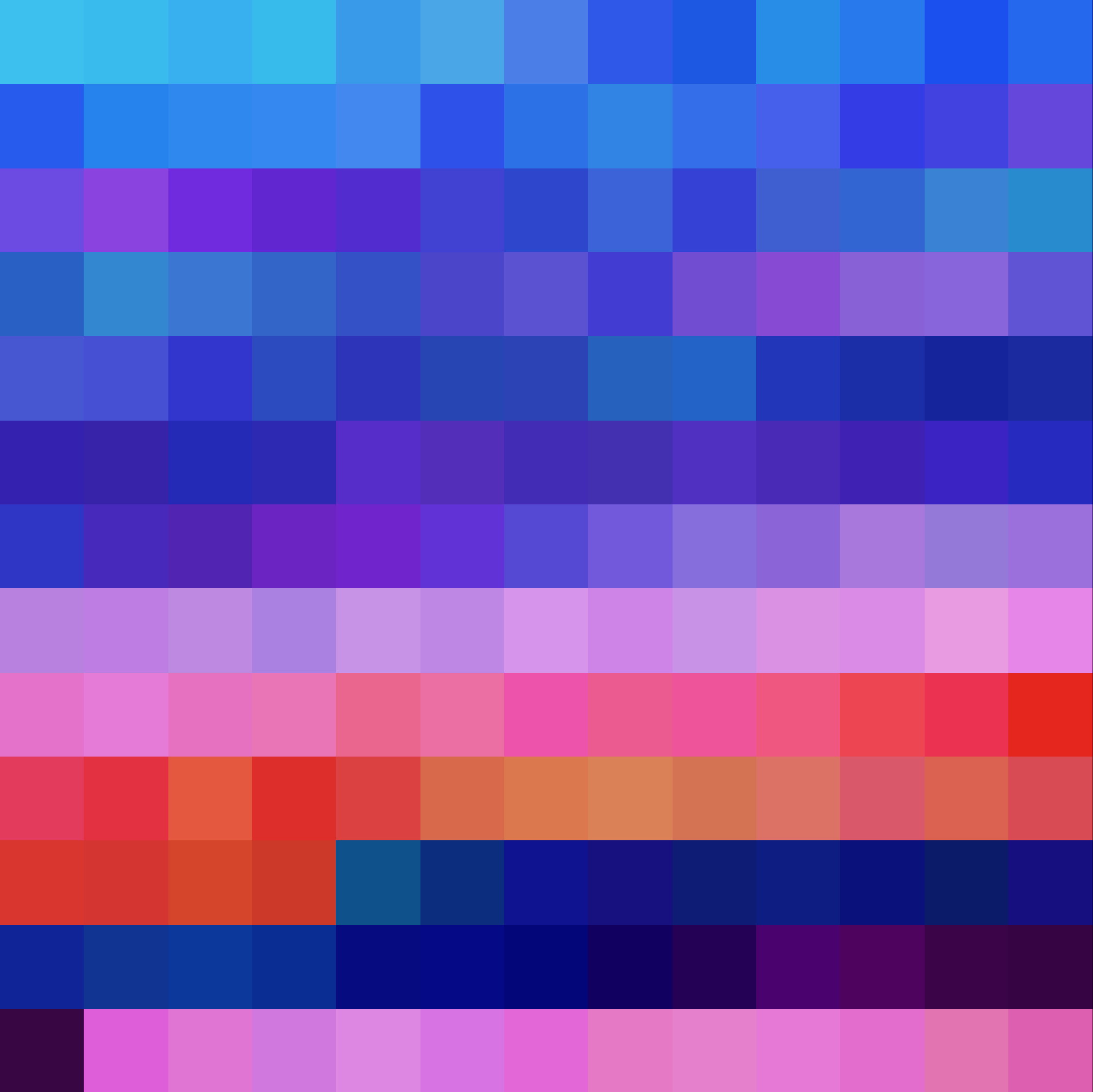
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly orange, but it also has quite some yellow, some red, and a little bit of cyan in it.
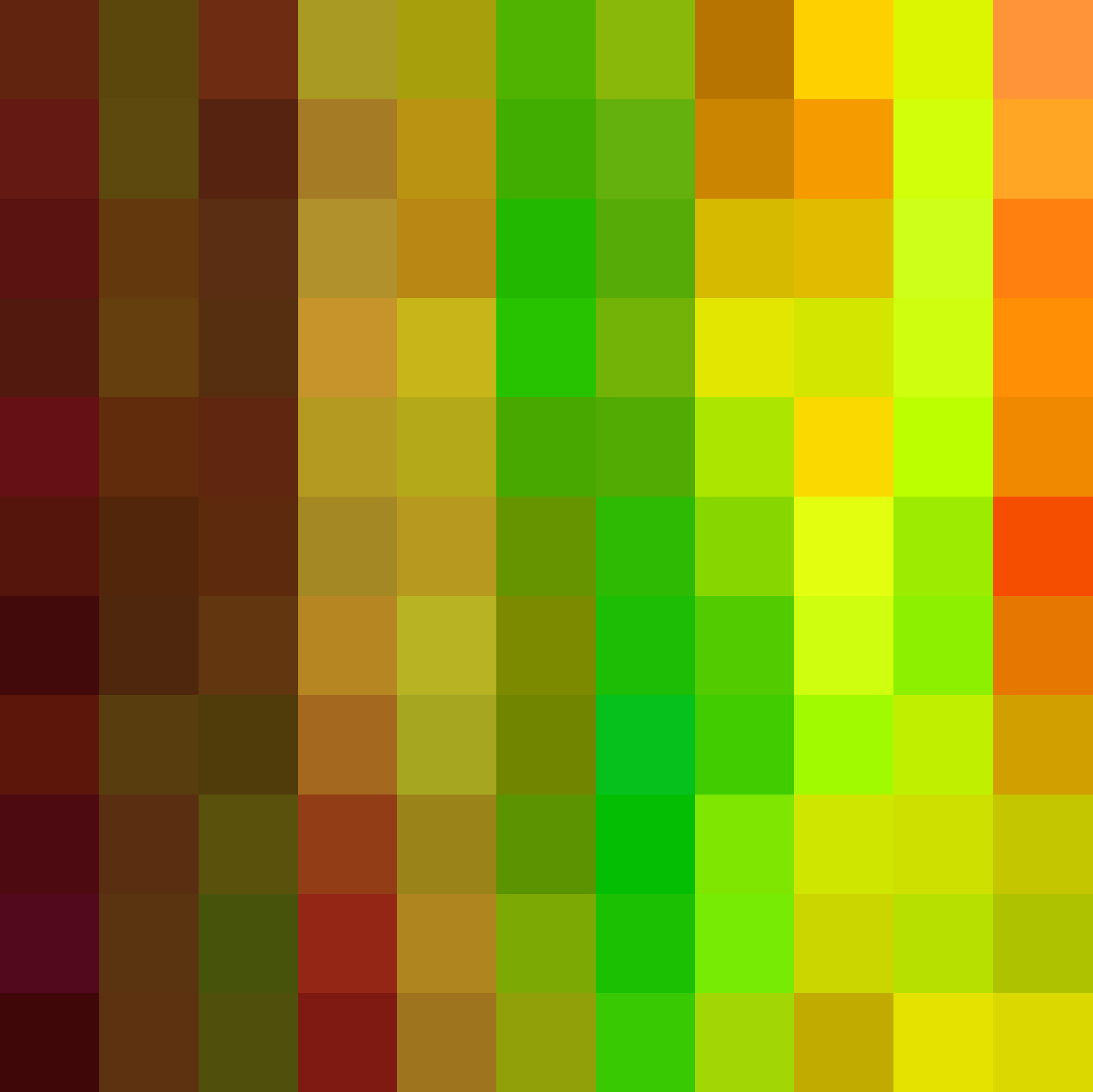
There's a two tone pixel gradient in this 5 by 5 grid. It is mostly red, but it also has quite some orange in it.

A 5 by 5 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly green, but it also has a little bit of lime in it.
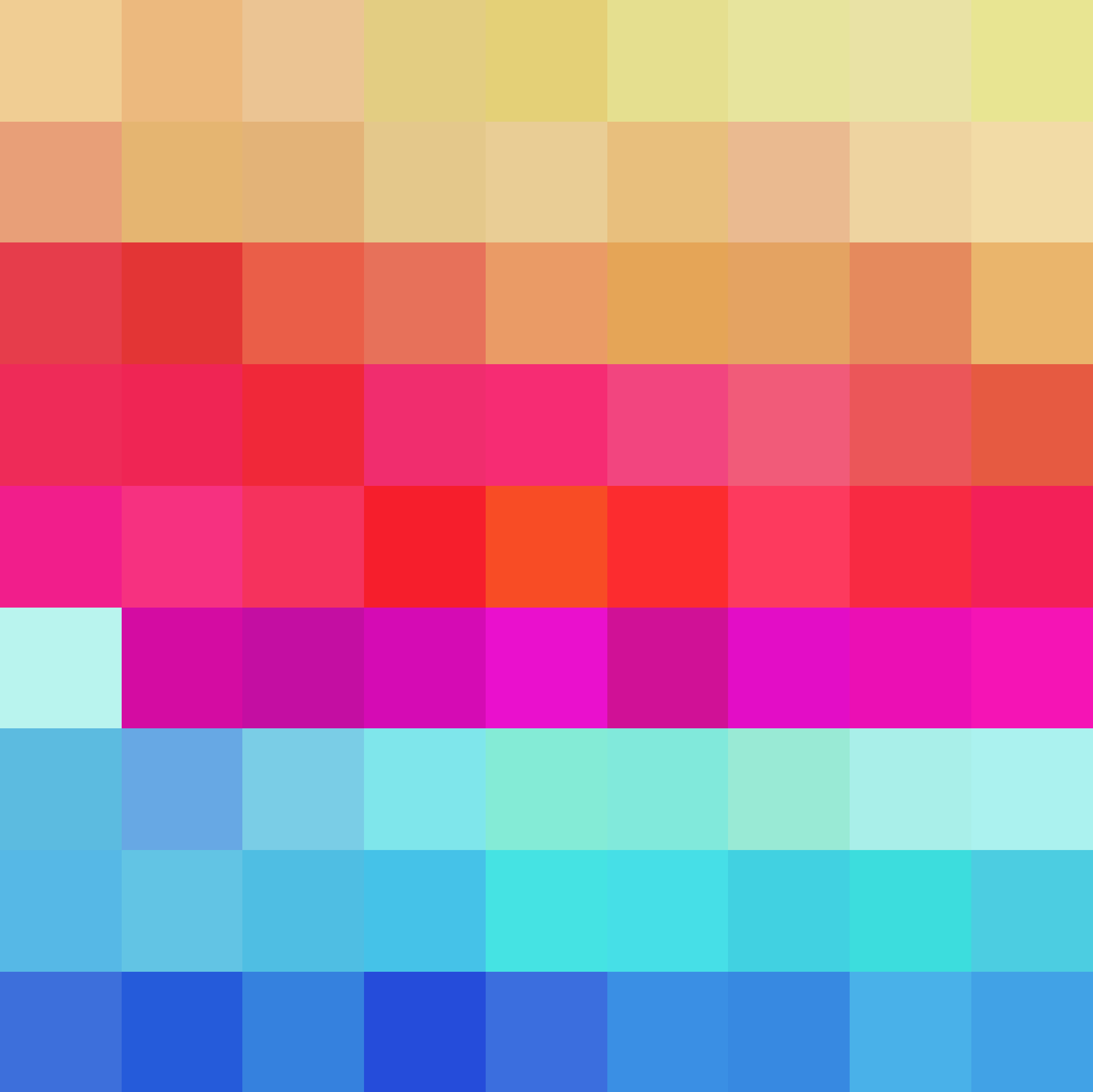
A grid with 169 coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, and it also has some indigo, some magenta, some red, a bit of purple, a little bit of violet, a little bit of rose, and a tiny bit of orange in it.
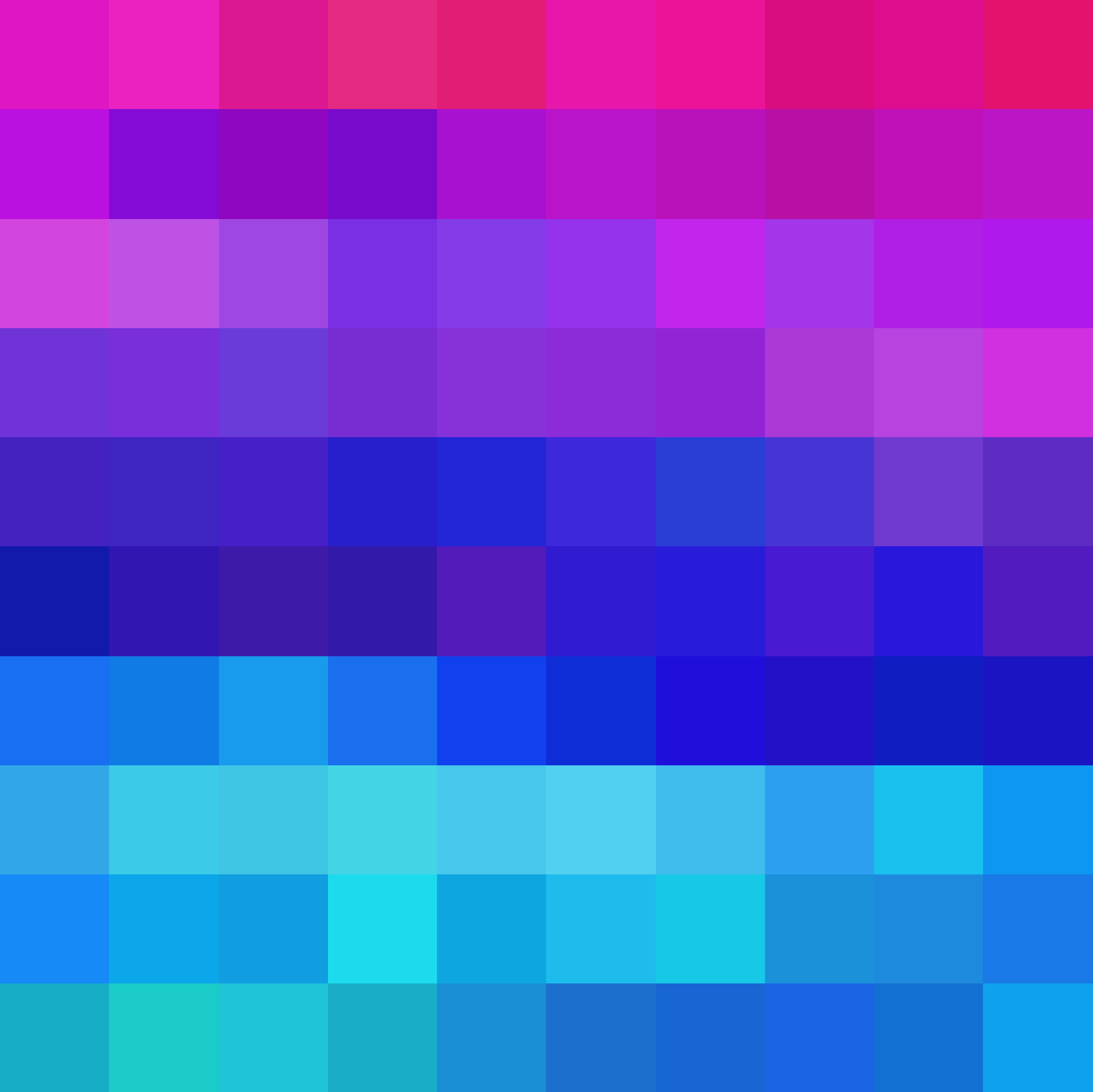
The very colourful gradient in this 11 by 11 pixel grid is mostly orange, and it also has quite some yellow, quite some green, a bit of red, a bit of lime, and a tiny bit of rose in it.
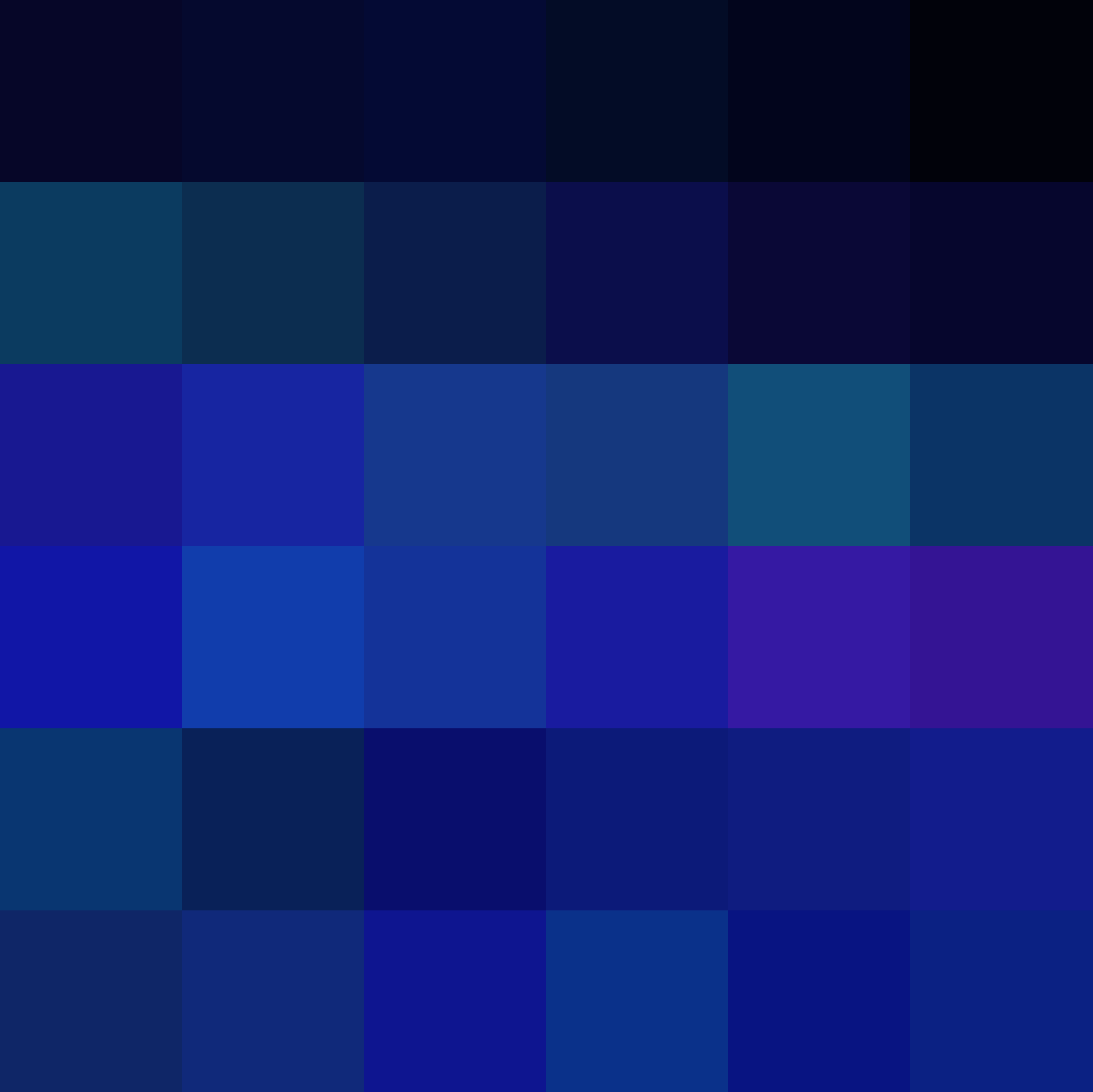
The very, very colourful gradient in this 13 by 13 pixel grid is mostly blue, and it also has some purple, some magenta, some violet, a bit of indigo, a bit of rose, a bit of red, a little bit of green, and a tiny bit of cyan in it.

The colourful gradient in this 9 by 9 pixel grid is mostly red, and it also has quite some orange, quite some blue, some cyan, and a bit of yellow in it.
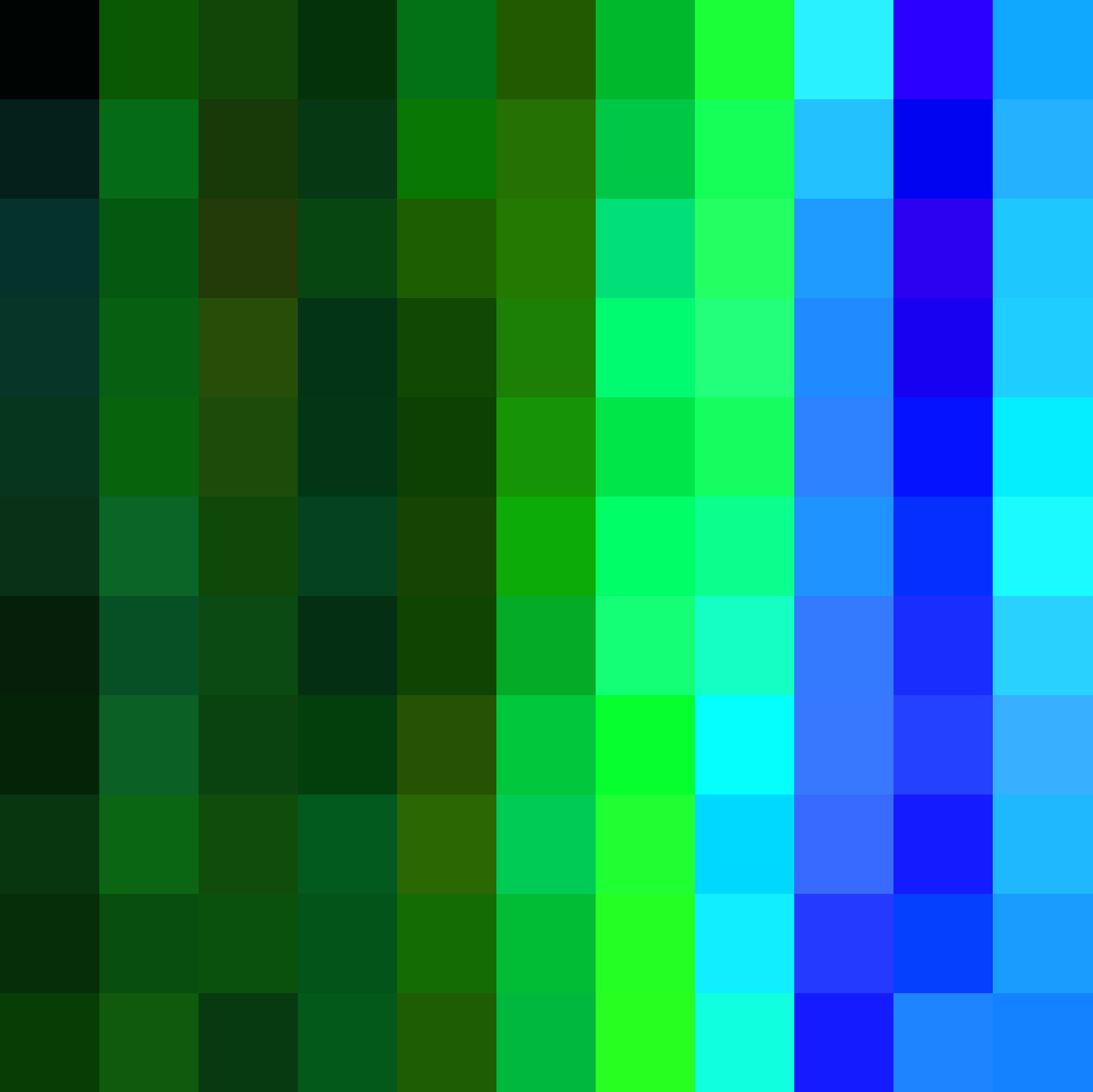
The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly blue, but it also has some indigo, some purple, some magenta, some cyan, a bit of violet, and a little bit of rose in it.

There's a two tone pixel gradient in this 6 by 6 grid. It is mostly blue, but it also has a bit of indigo in it.

The colourful gradient in this 7 by 7 pixel grid is mostly purple, but it also has quite some indigo, quite some violet, some blue, and a tiny bit of magenta in it.
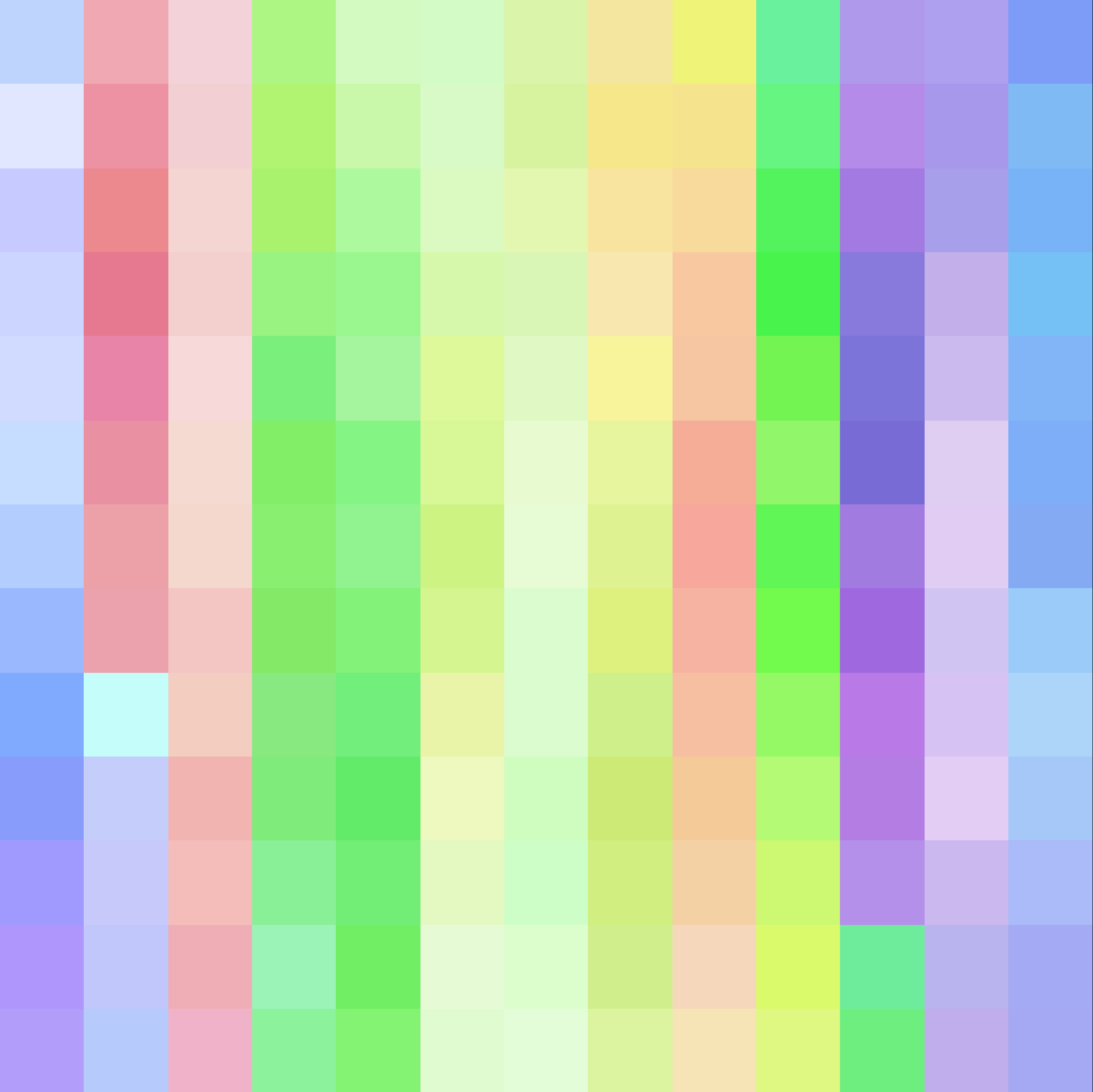
A grid of 121 blocks. It's mostly green, and it also has quite some blue, some cyan, and a tiny bit of indigo in it.
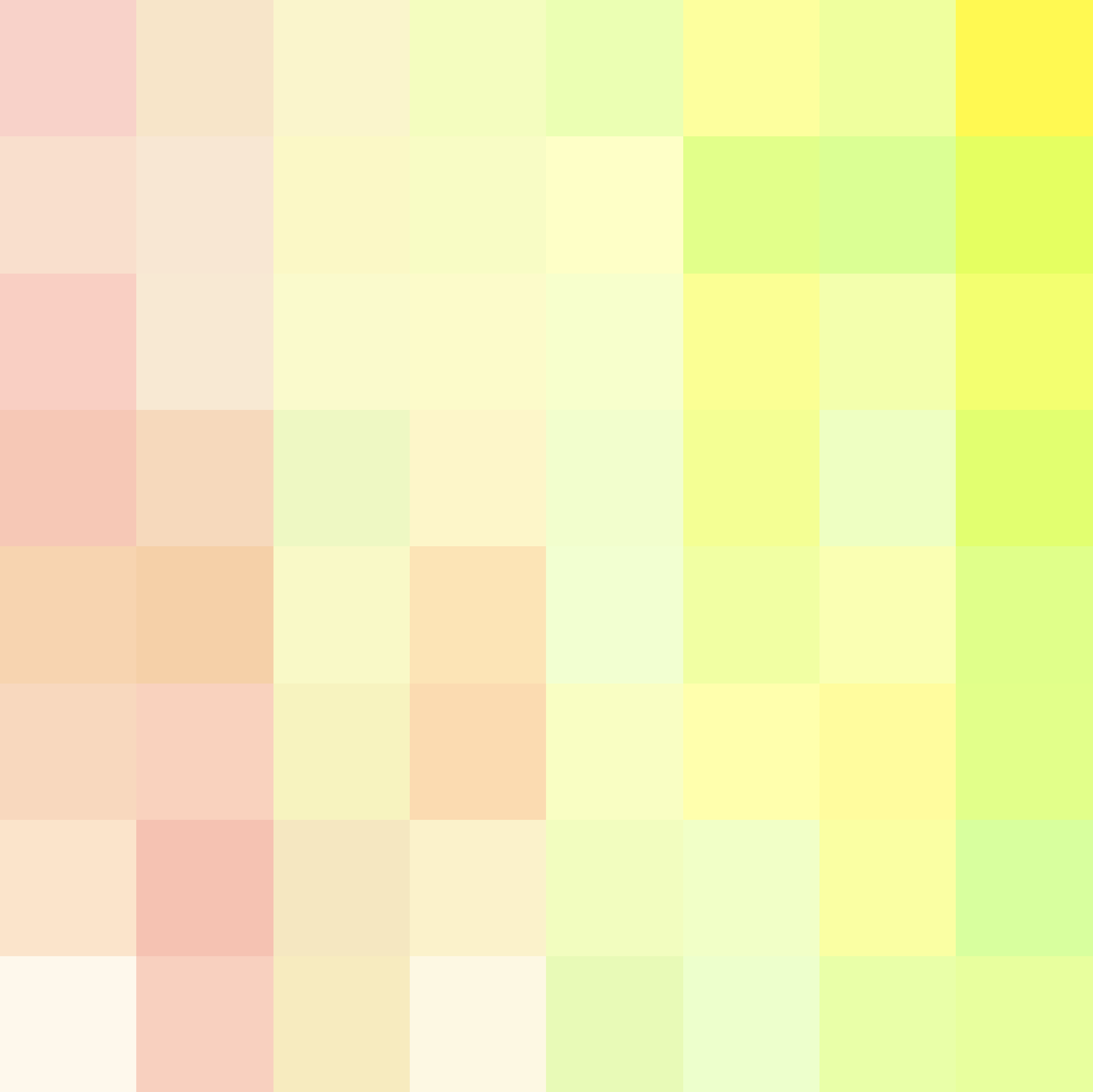
Here's a 10 by 10 pixelated grid that forms a gradient. It is mostly red, but it also has some orange, and a little bit of yellow in it.
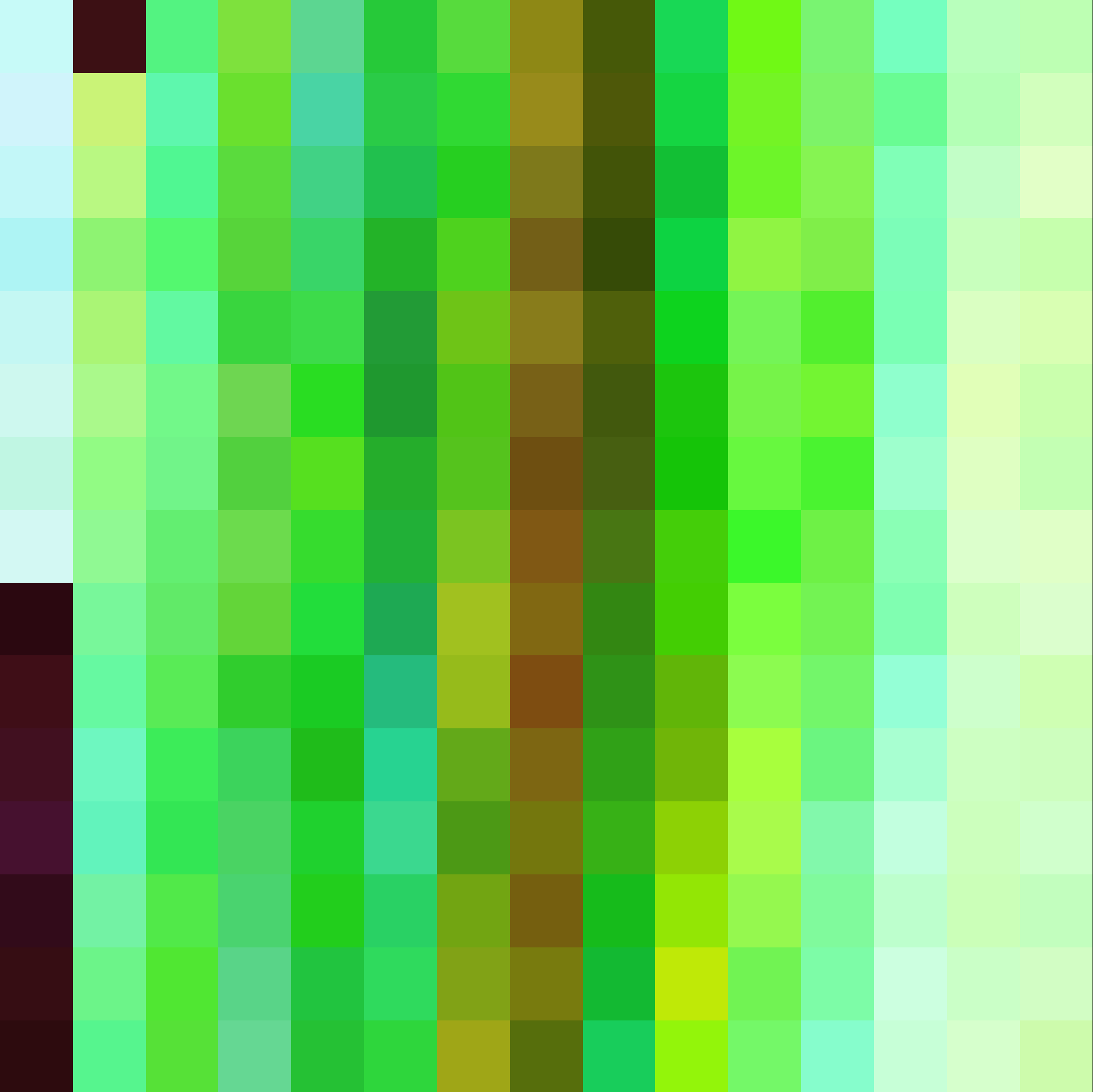
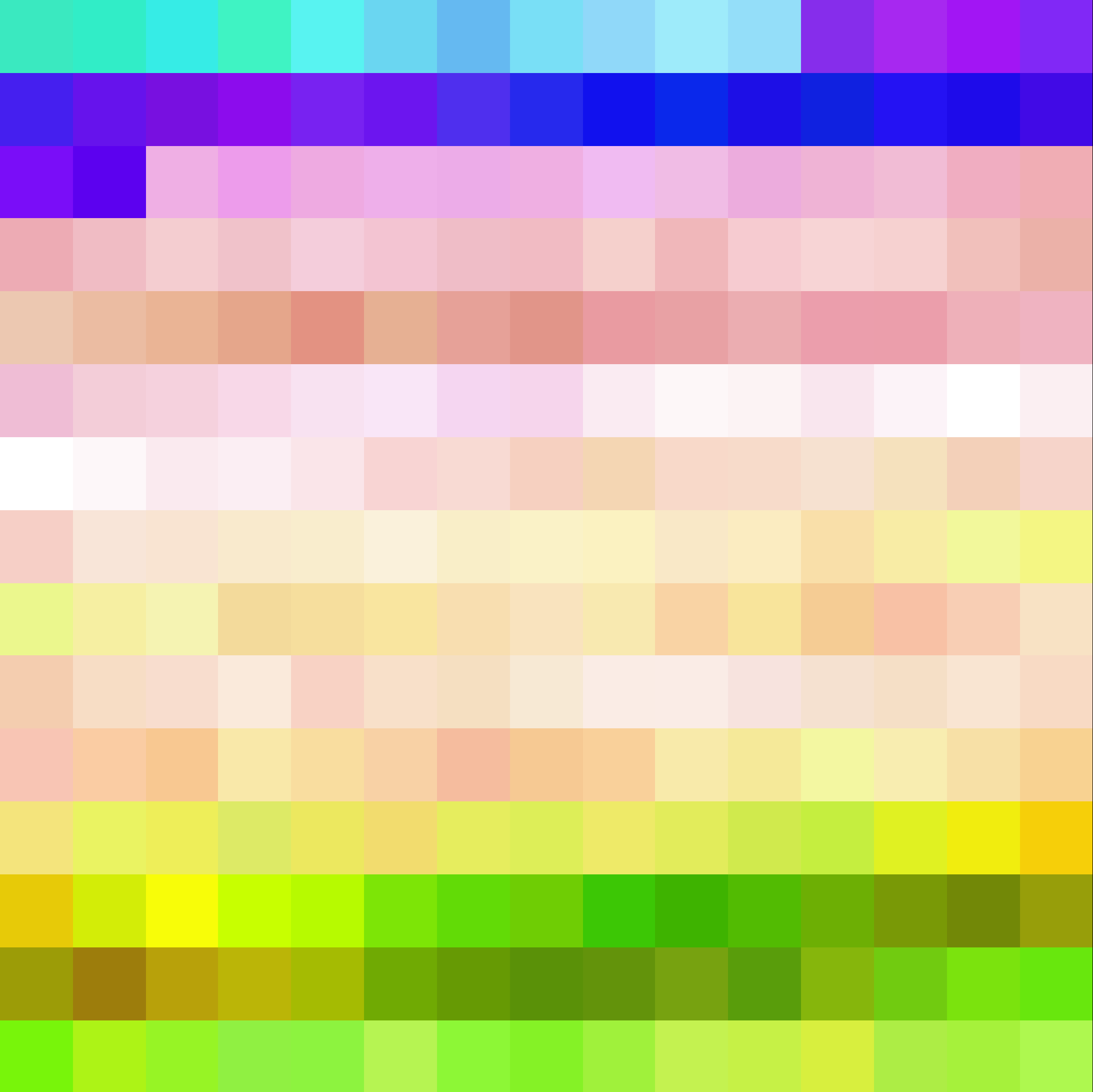A monochrome grid of 49 blocks. It's green.

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 some blue, some red, a bit of indigo, a bit of lime, a bit of orange, a little bit of yellow, a little bit of violet, a tiny bit of purple, a tiny bit of rose, and a tiny bit of cyan in it.
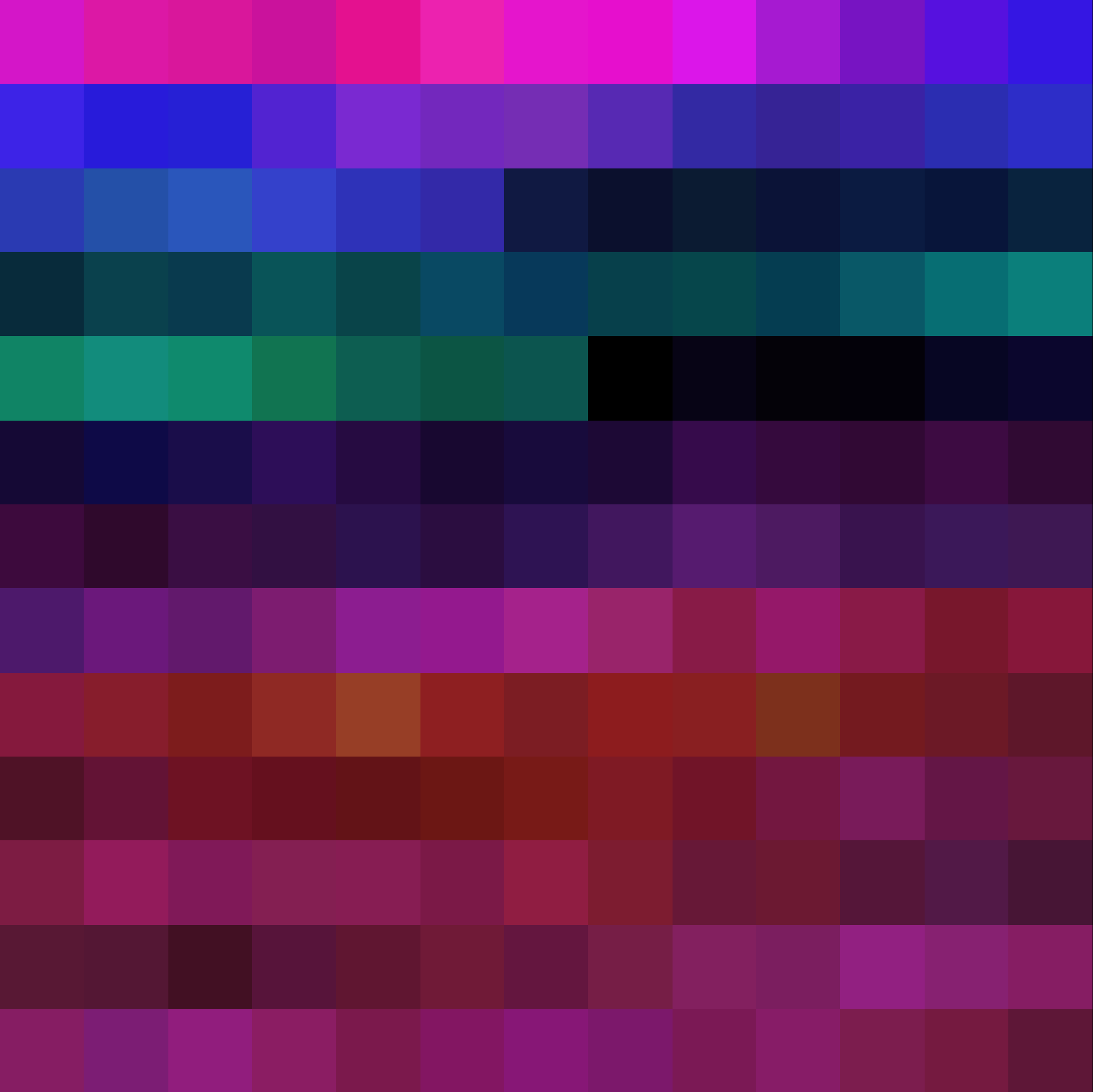
The cells in this 8 by 8 pixel grid form a colourful gradient. It is mostly yellow, but it also has quite some orange, quite some lime, a little bit of red, and a little bit of green in it.
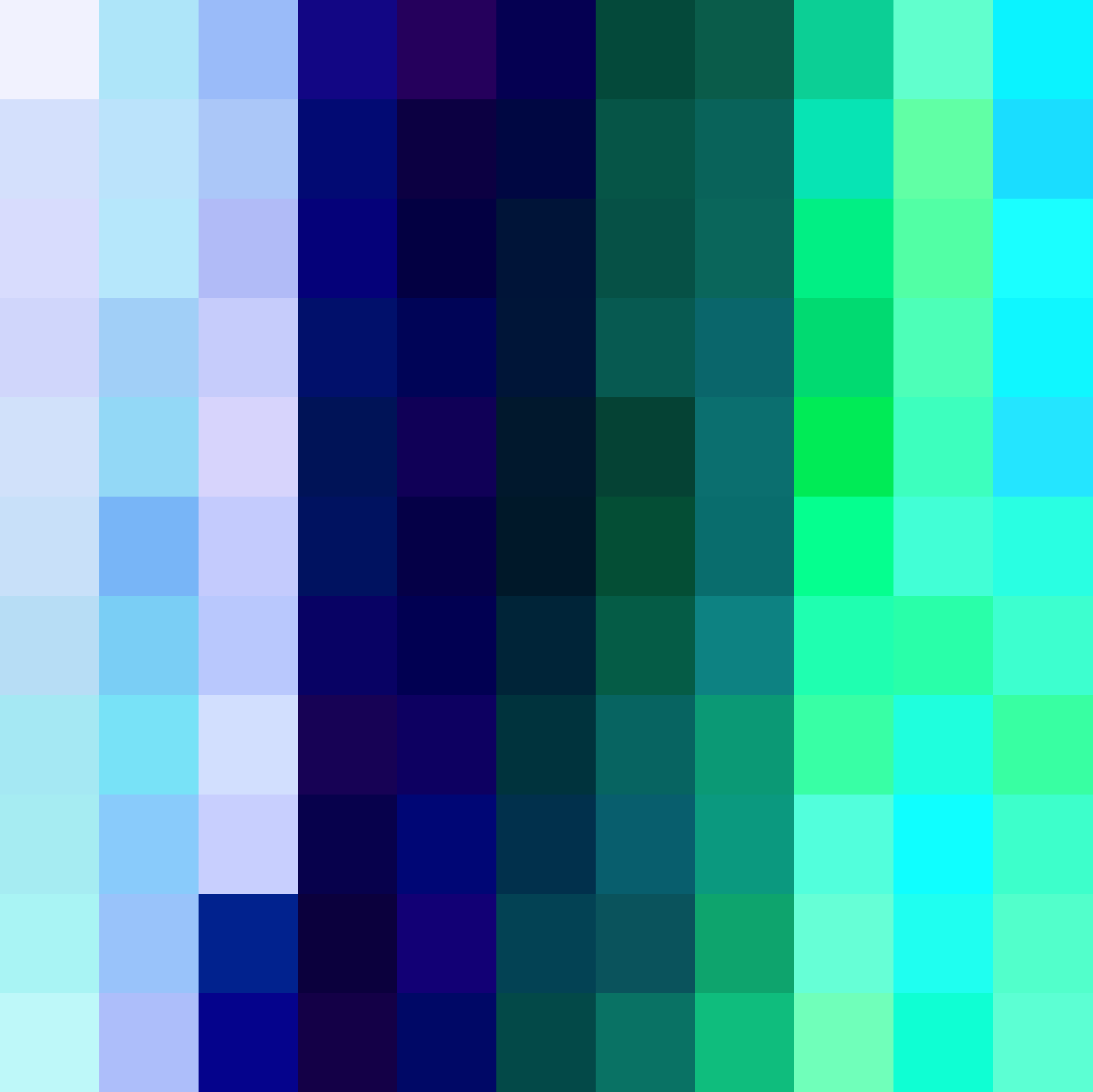
There's a very, very colourful pixel gradient in this 15 by 15 grid. It is mostly green, and it also has a little bit of yellow, a little bit of lime, a little bit of cyan, a tiny bit of red, a tiny bit of orange, a tiny bit of rose, and a tiny bit of magenta in it.

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

This very, very colourful pixel gradient—it is 13 cells wide, 13 cells high—is mostly magenta, but it also has some rose, some red, some indigo, some blue, a bit of purple, a bit of cyan, a little bit of violet, and a tiny bit of green in it.

A colourful grid of 121 blocks. It's mostly cyan,
but it also has quite some blue, some green,
some indigo, and a tiny bit of violet in it.

A colourful grid of 64 blocks. It's mostly yellow, and it also has quite some red, some green, a bit of lime, and a bit of orange in it.

This very colourful gradient, generated in this 10 by 10 pixel grid, is mostly green, but it also has quite some red, some yellow, some rose, some orange, some lime, and a tiny bit of magenta in it.

The cells in this 10 by 10 pixel grid form a very colourful gradient. It is mostly yellow, and it also has quite some red, quite some magenta, quite some orange, a bit of rose, and a tiny bit of purple in it.
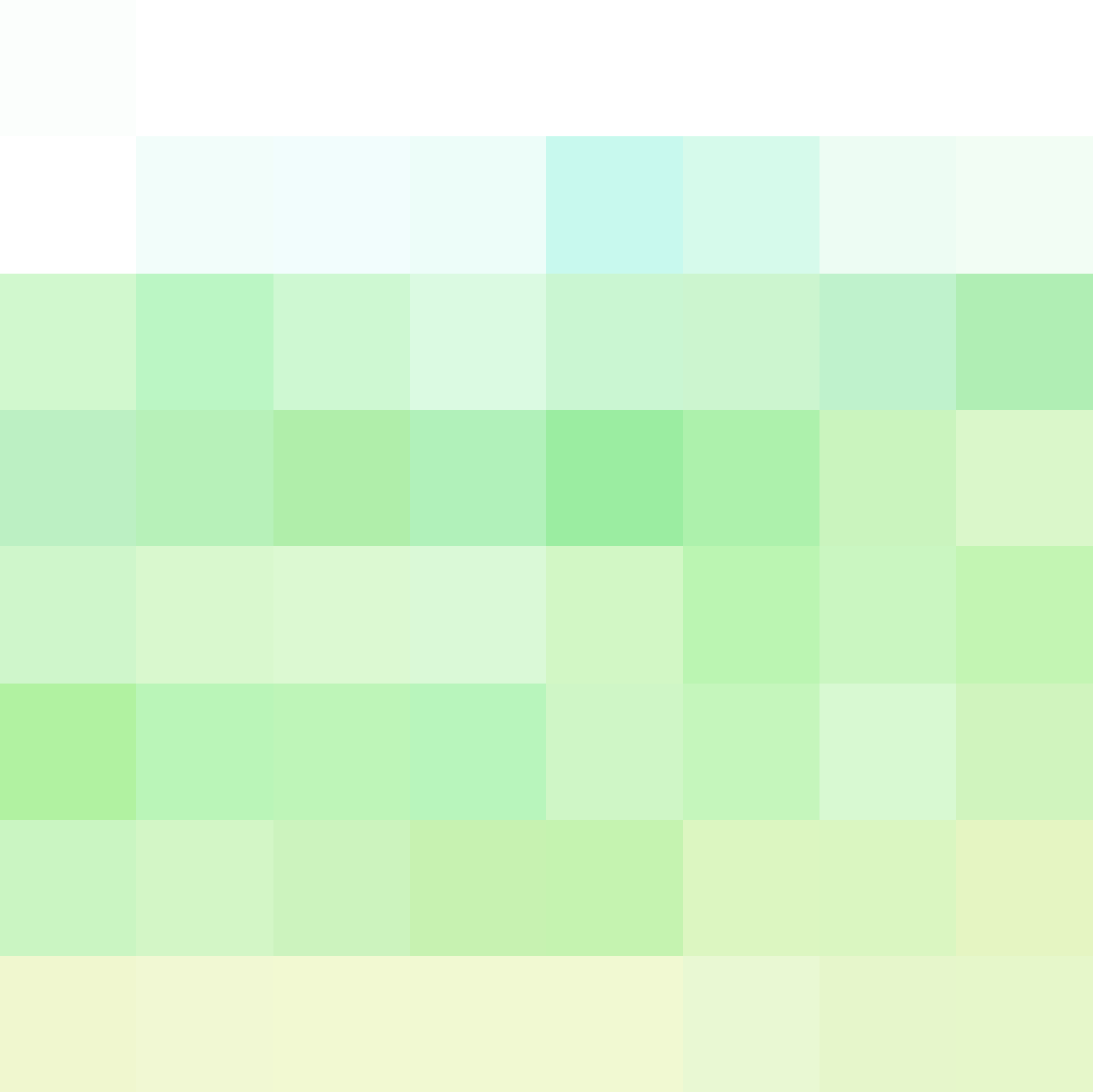
Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some cyan, and a little bit of indigo in it.
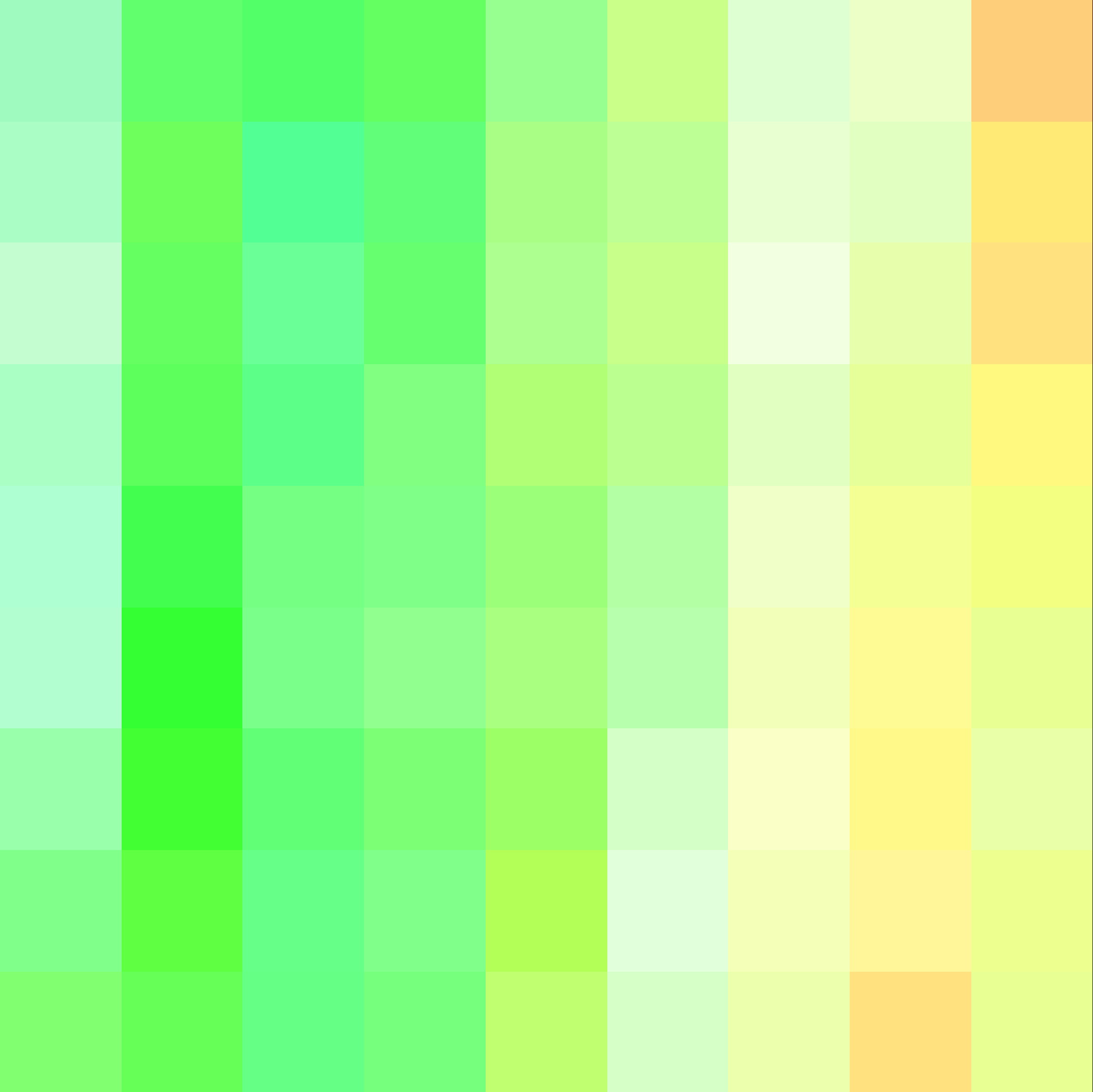
A grid with 64 coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has a little bit of orange in it.
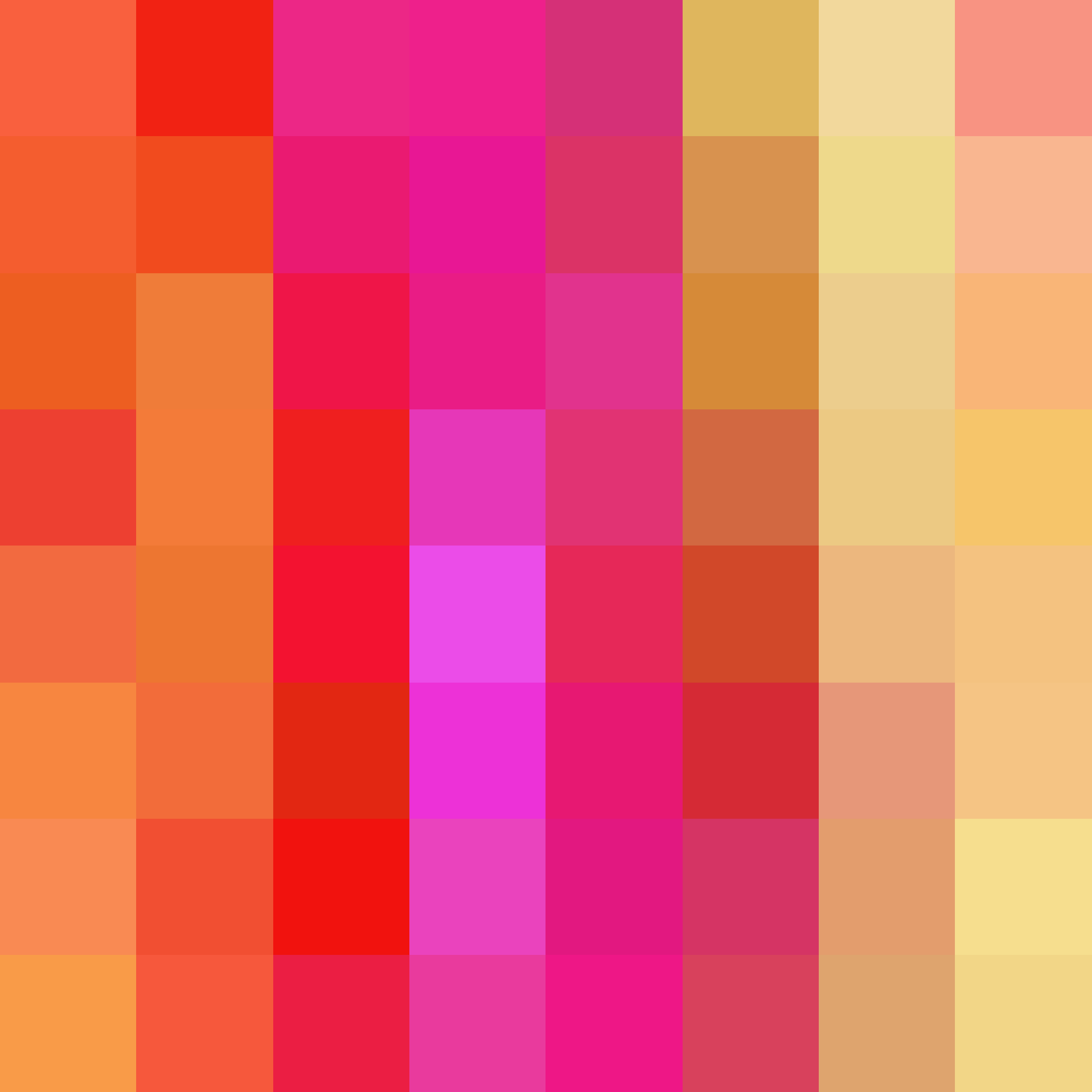
Here's a 9 by 9 pixelated grid that forms a colourful gradient. It is mostly orange, and it also has quite some red, quite some magenta, some rose, and a little bit of yellow in it.
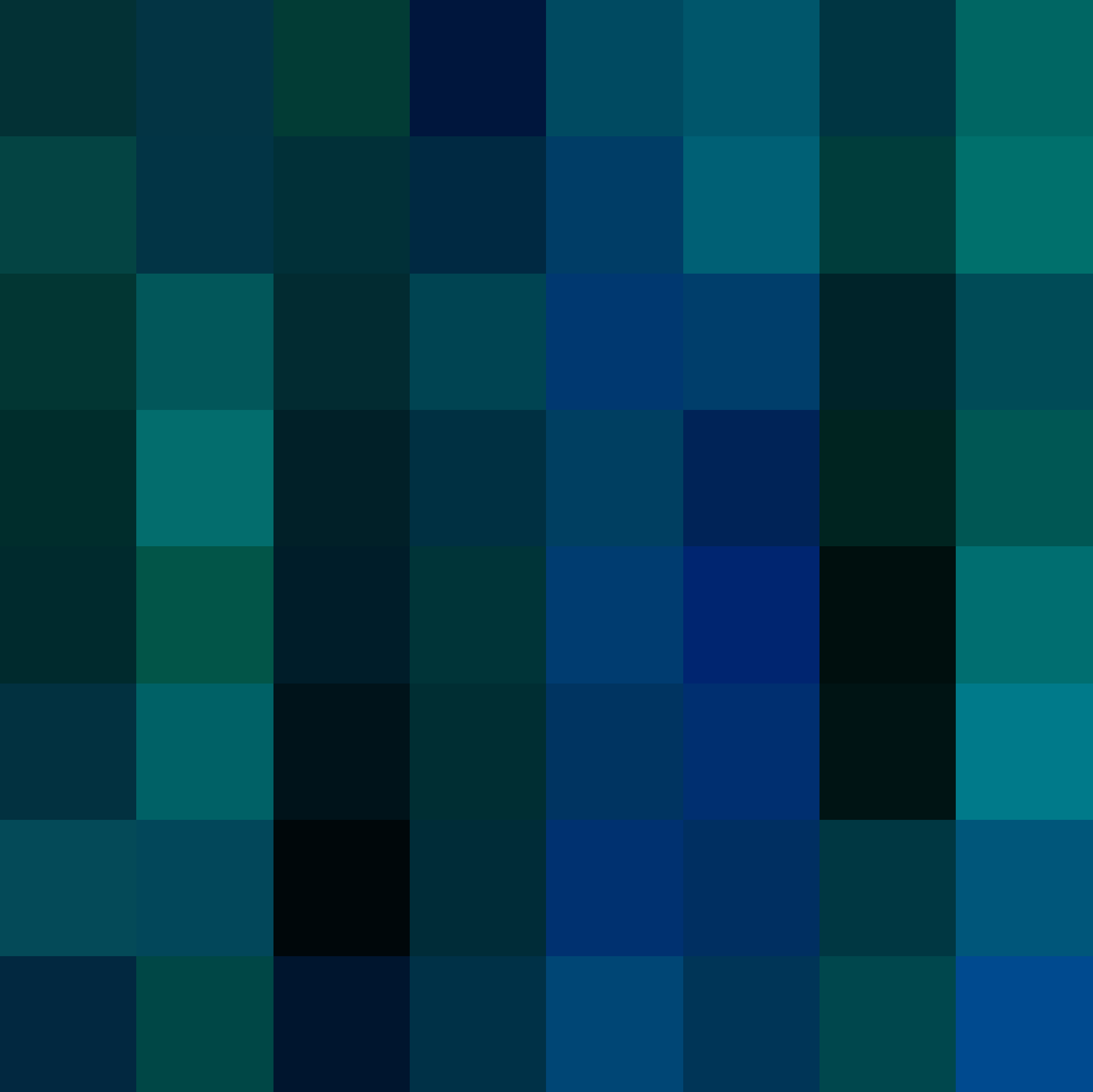
This gradient, generated in this 8 by 8 pixel grid, is mostly green, but it also has a bit of lime, and a bit of cyan in it.

A grid with 81 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has some yellow, a bit of lime, and a tiny bit of orange in it.
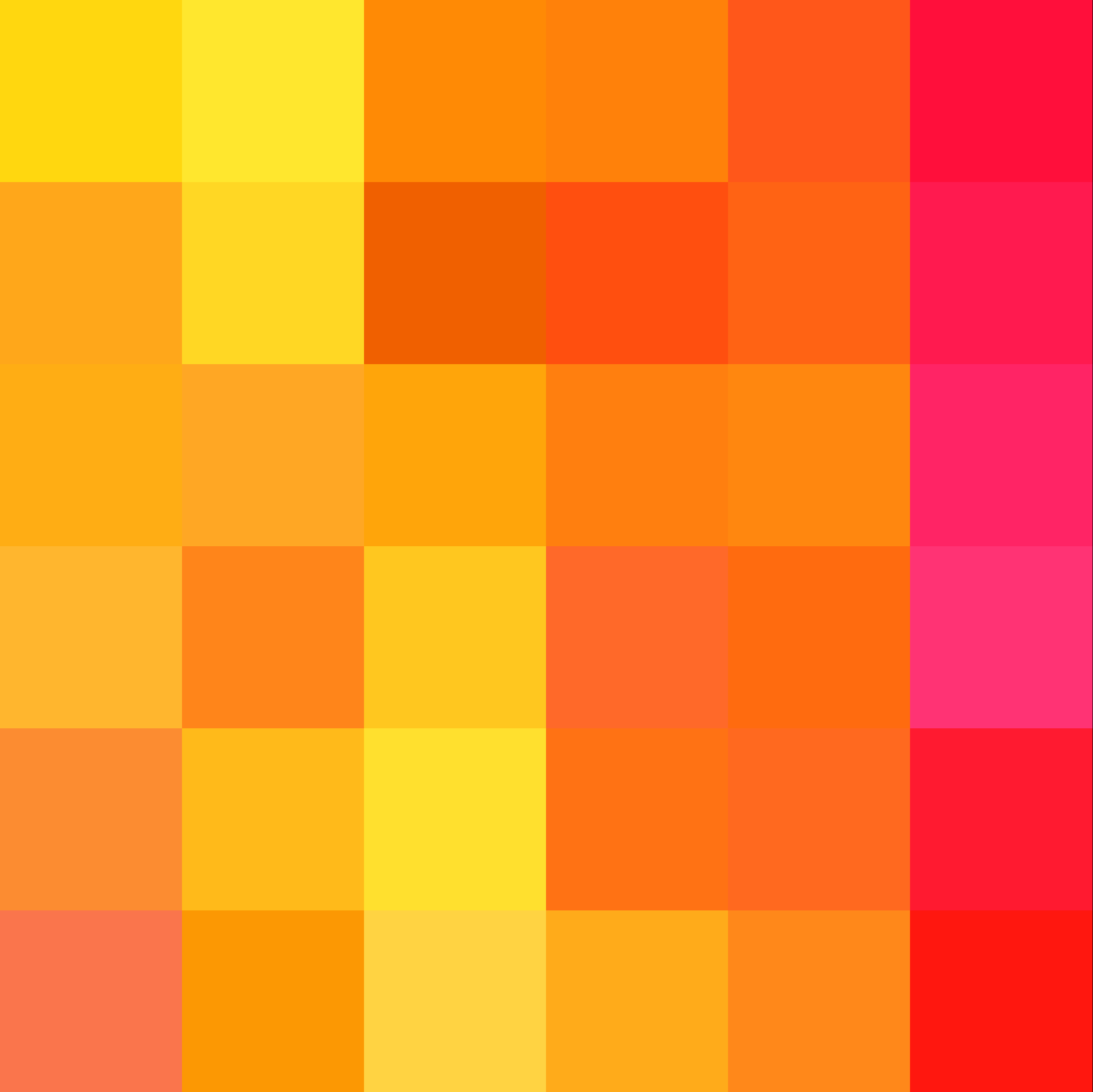
The gradient in this 8 by 8 pixel grid is mostly red, but it also has quite some orange, and a little bit of yellow in it.
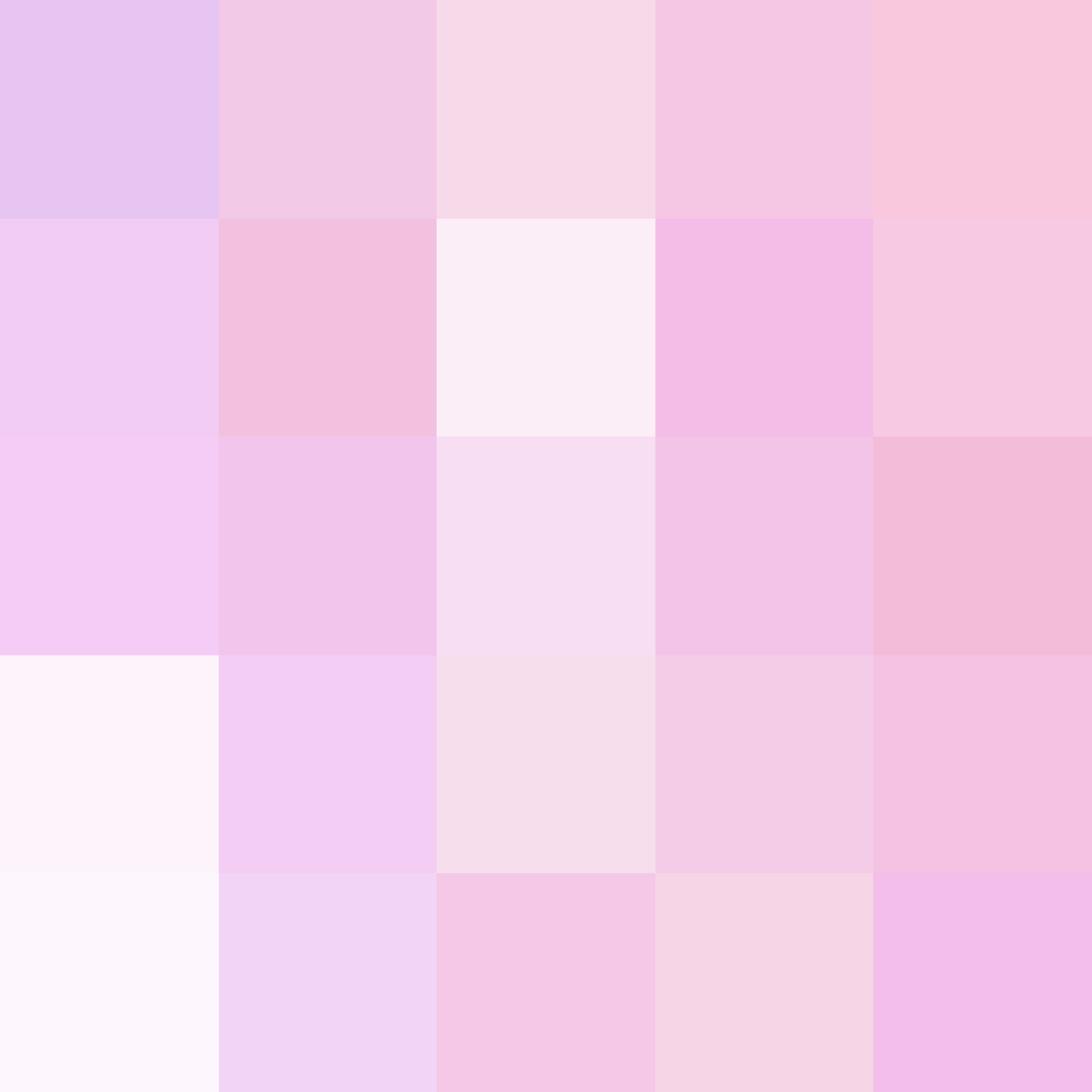
A grid with 64 coloured squares that form a two tone gradient. The colours are various shades of mostly cyan, but it also has a lot of blue in it.
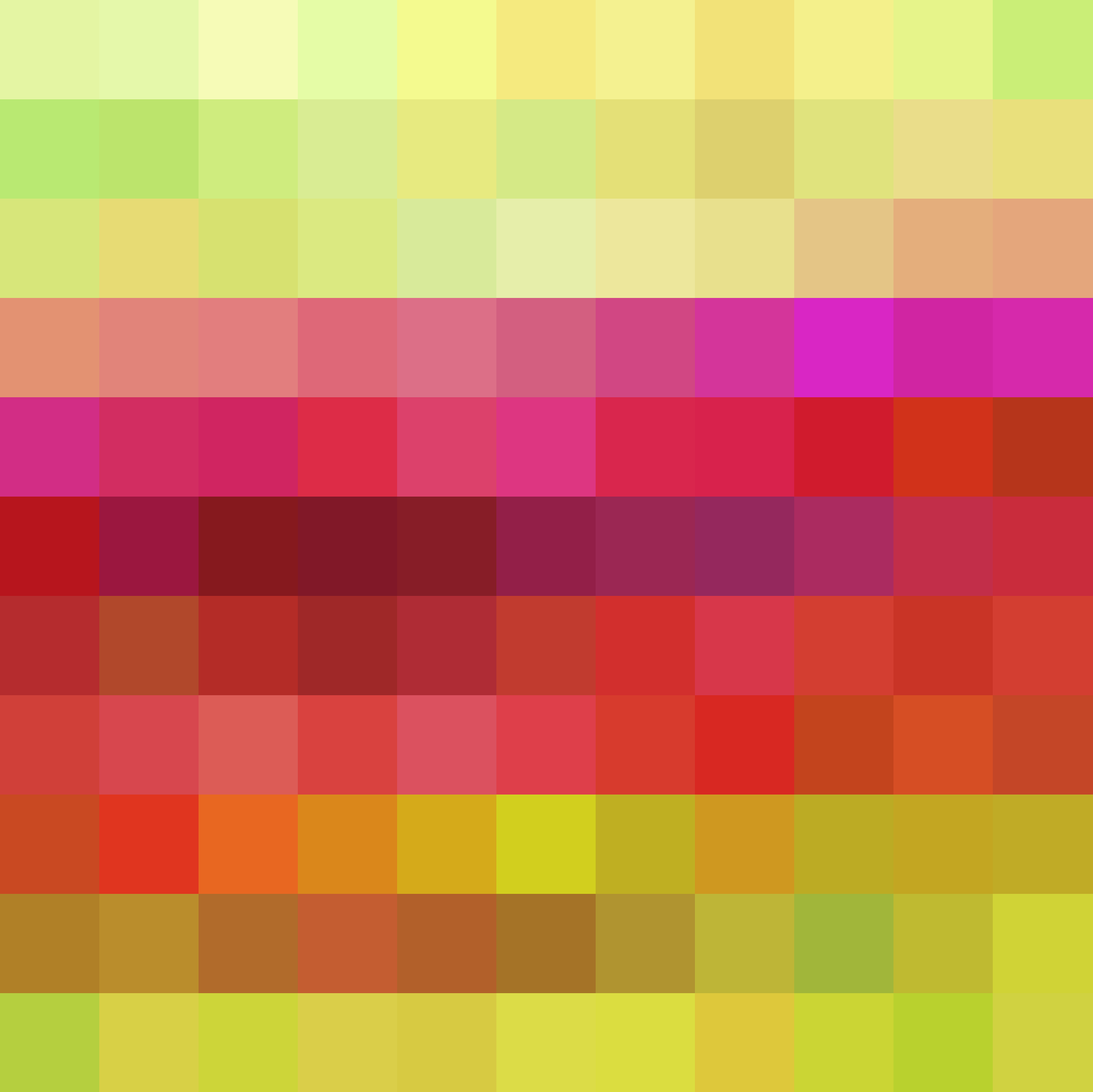
There's a colourful pixel gradient in this 5 by 5 grid. It is mostly blue, but it also has quite some violet, quite some cyan, a bit of purple, and a little bit of indigo in it.
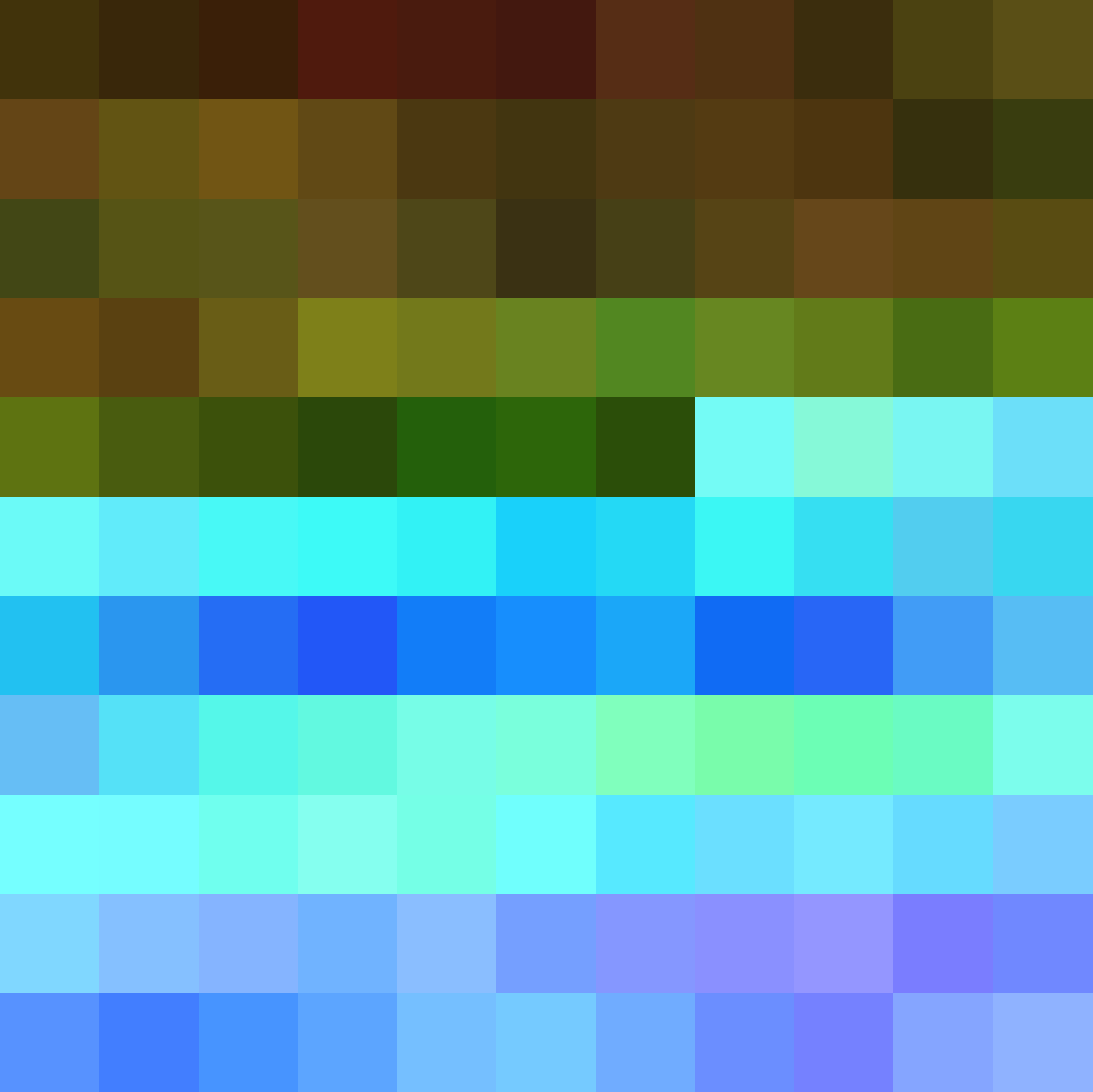
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly orange, and it also has some red, and some yellow in it.
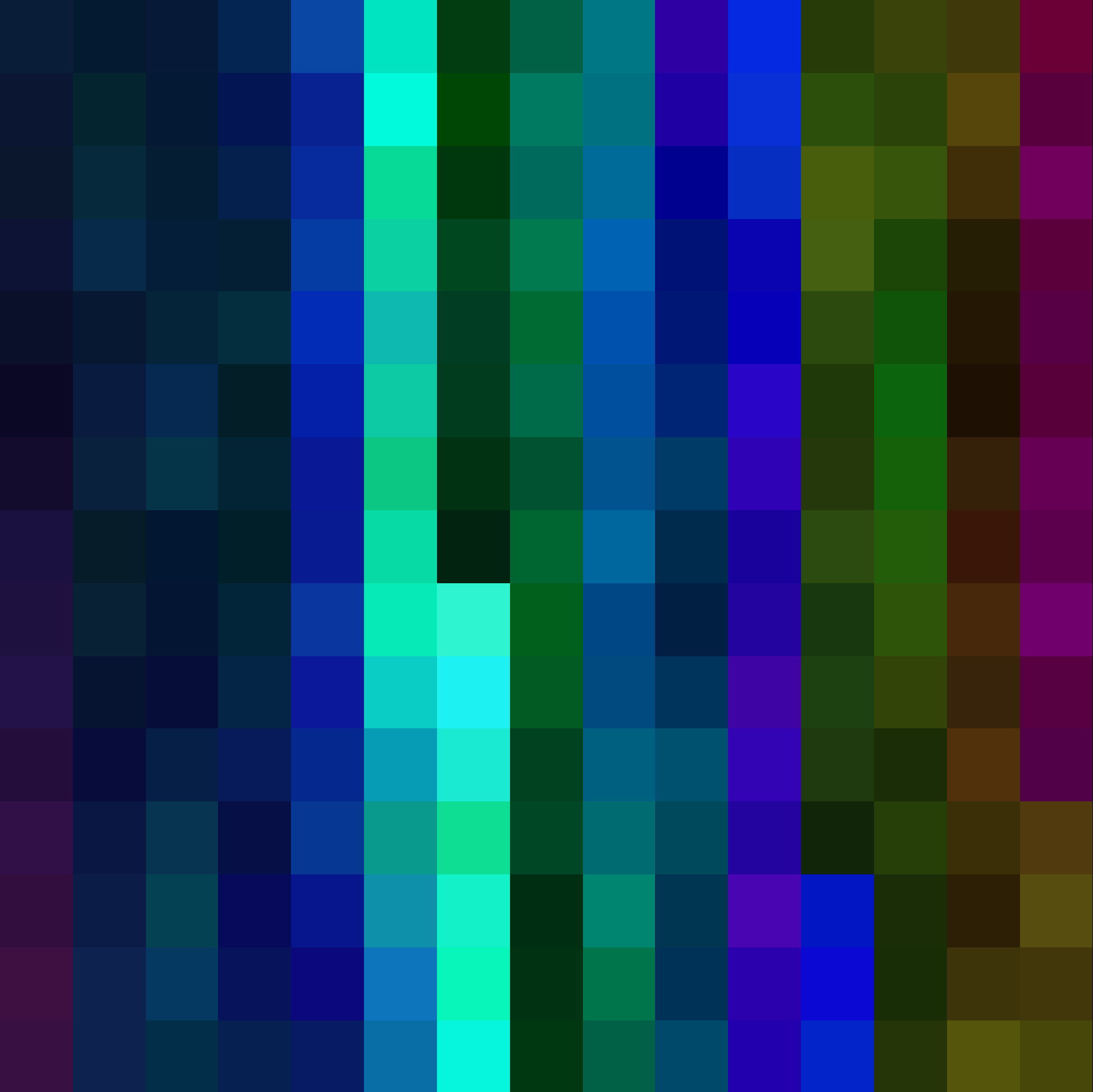
A grid of 25 blocks. It's mostly magenta, and it also has quite some rose, and a little bit of purple in it.
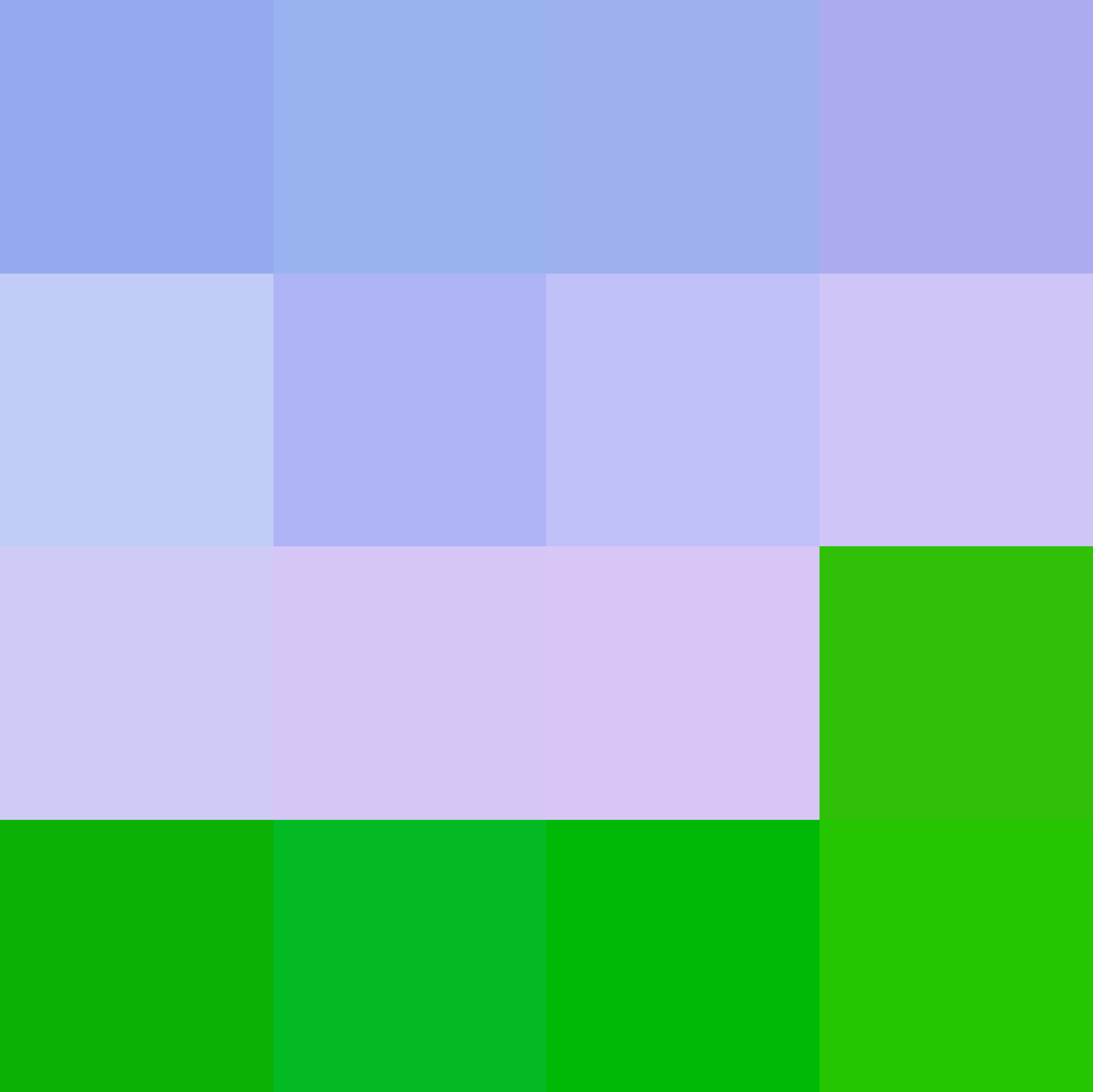
A colourful grid of 121 blocks. It's mostly red, but it also has quite some yellow, some orange, a bit of lime, and a tiny bit of green in it.

There's a very colourful pixel gradient in this 11 by 11 grid. It is mostly blue, and it also has quite some cyan, some orange, some yellow, a bit of green, a little bit of lime, and a tiny bit of red in it.
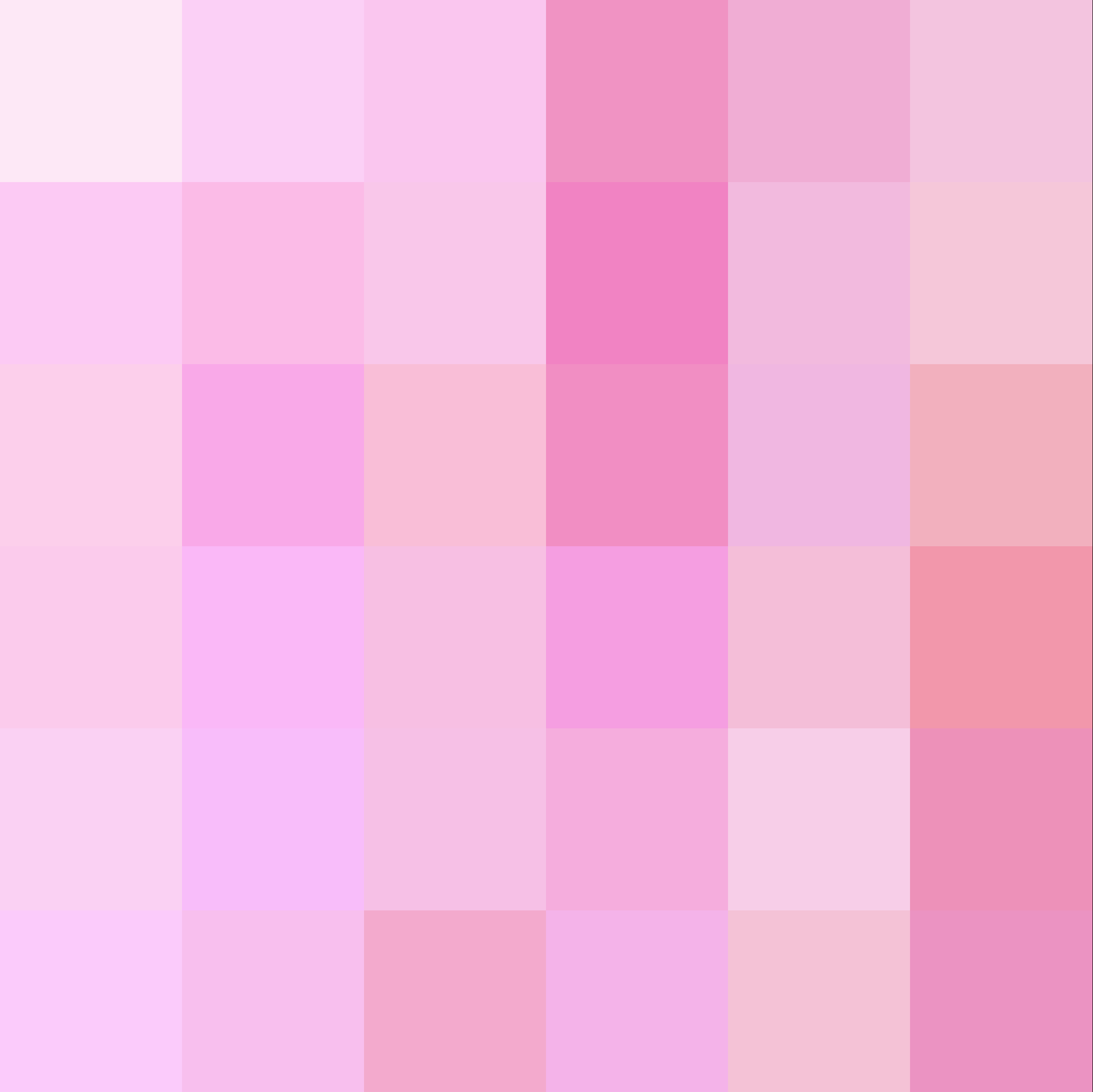
A very, very colourful grid of 225 blocks. It's mostly blue, but it also has quite some green, some cyan, a bit of indigo, a little bit of magenta, a little bit of yellow, a little bit of orange, a tiny bit of purple, a tiny bit of violet, a tiny bit of lime, and a tiny bit of rose in it.
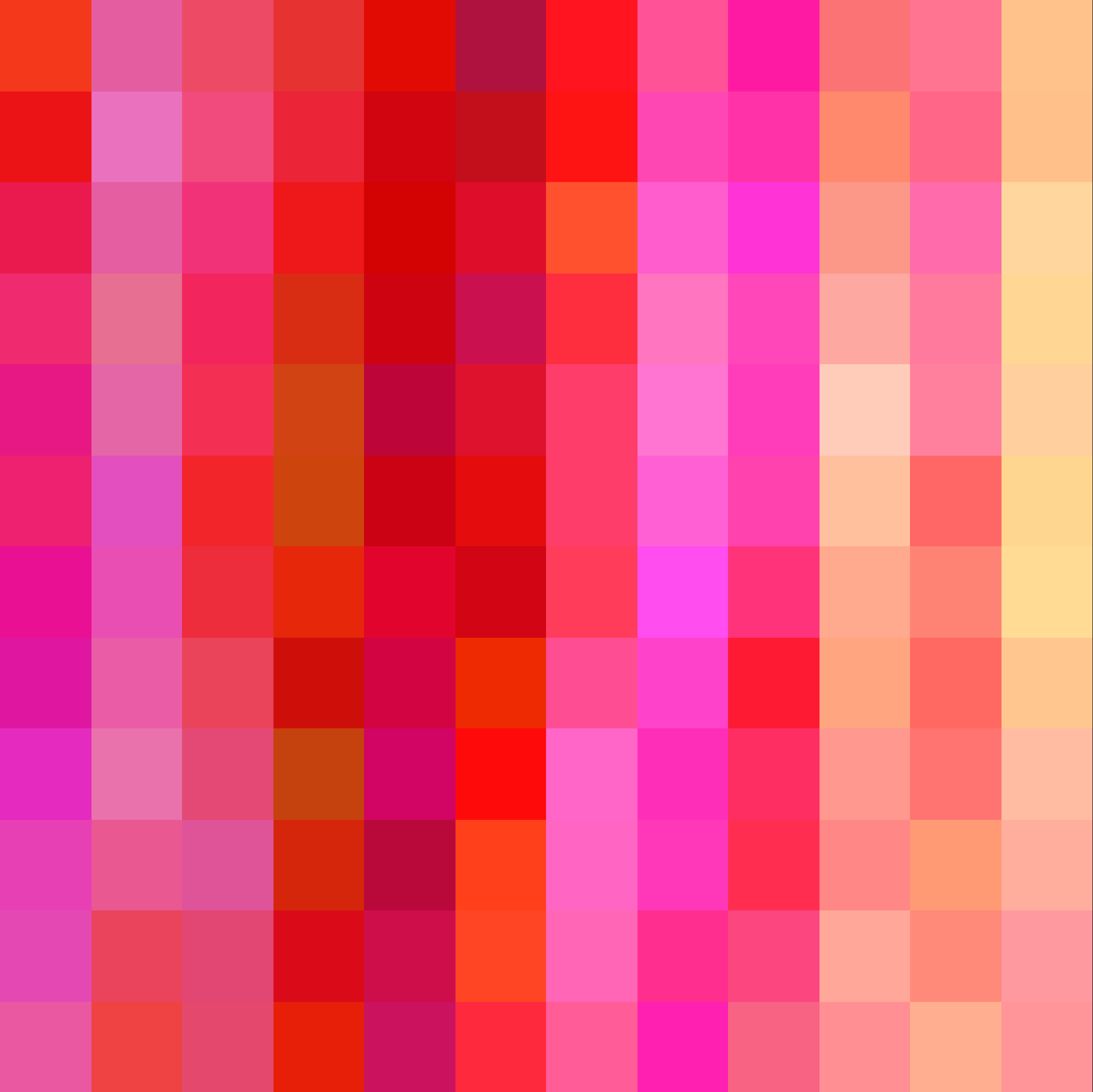
This gradient, generated in this 4 by 4 pixel grid, is mostly blue, but it also has quite some green, quite some indigo, and a little bit of violet in it.

Here's a 7 by 7 pixelated grid that forms a gradient. It is mostly magenta, but it also has quite some rose, some red, and a little bit of purple in it.
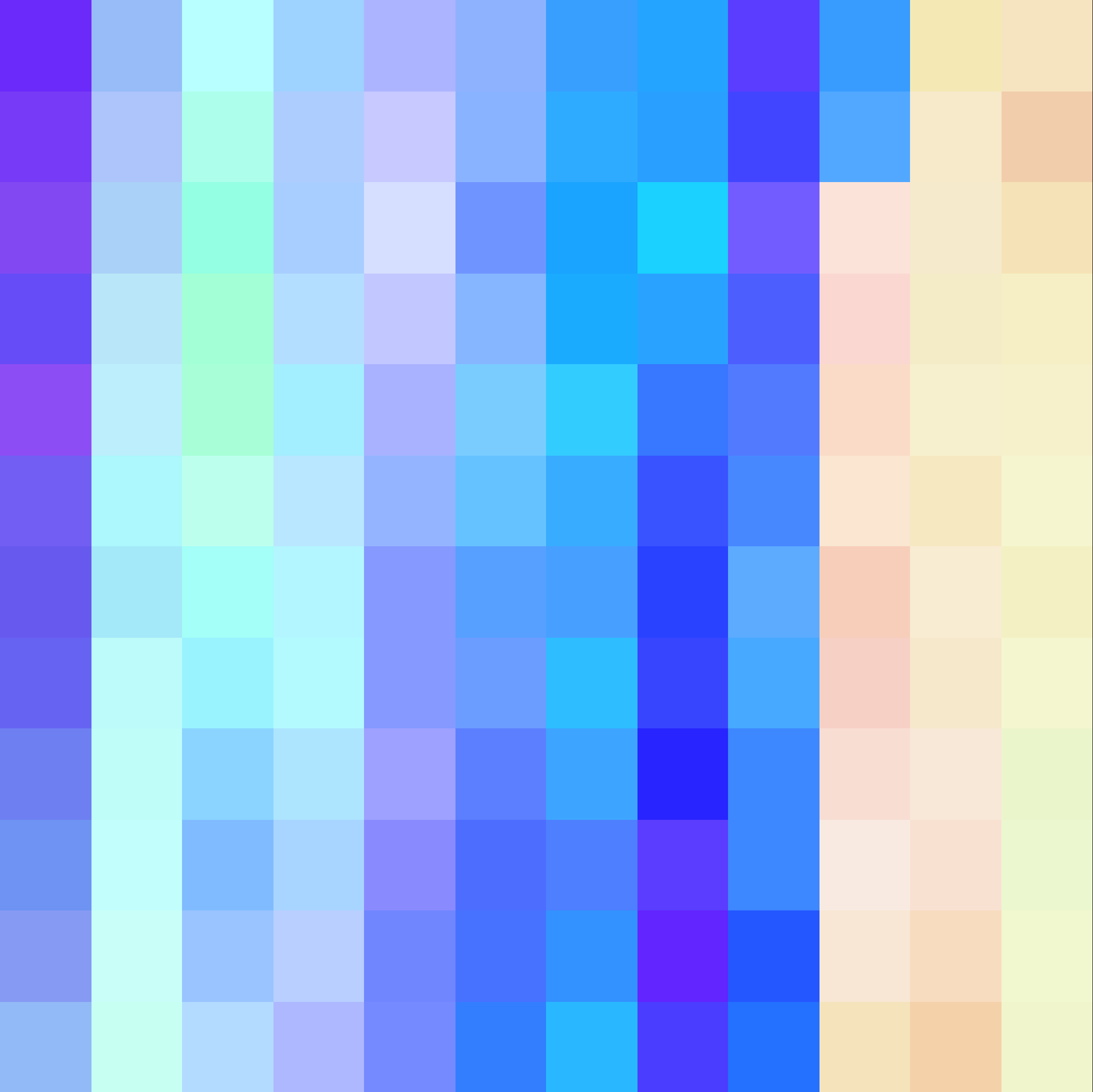
The cells in this 6 by 6 pixel grid form a gradient. It is mostly magenta, and it also has quite some rose, and a little bit of red in it.
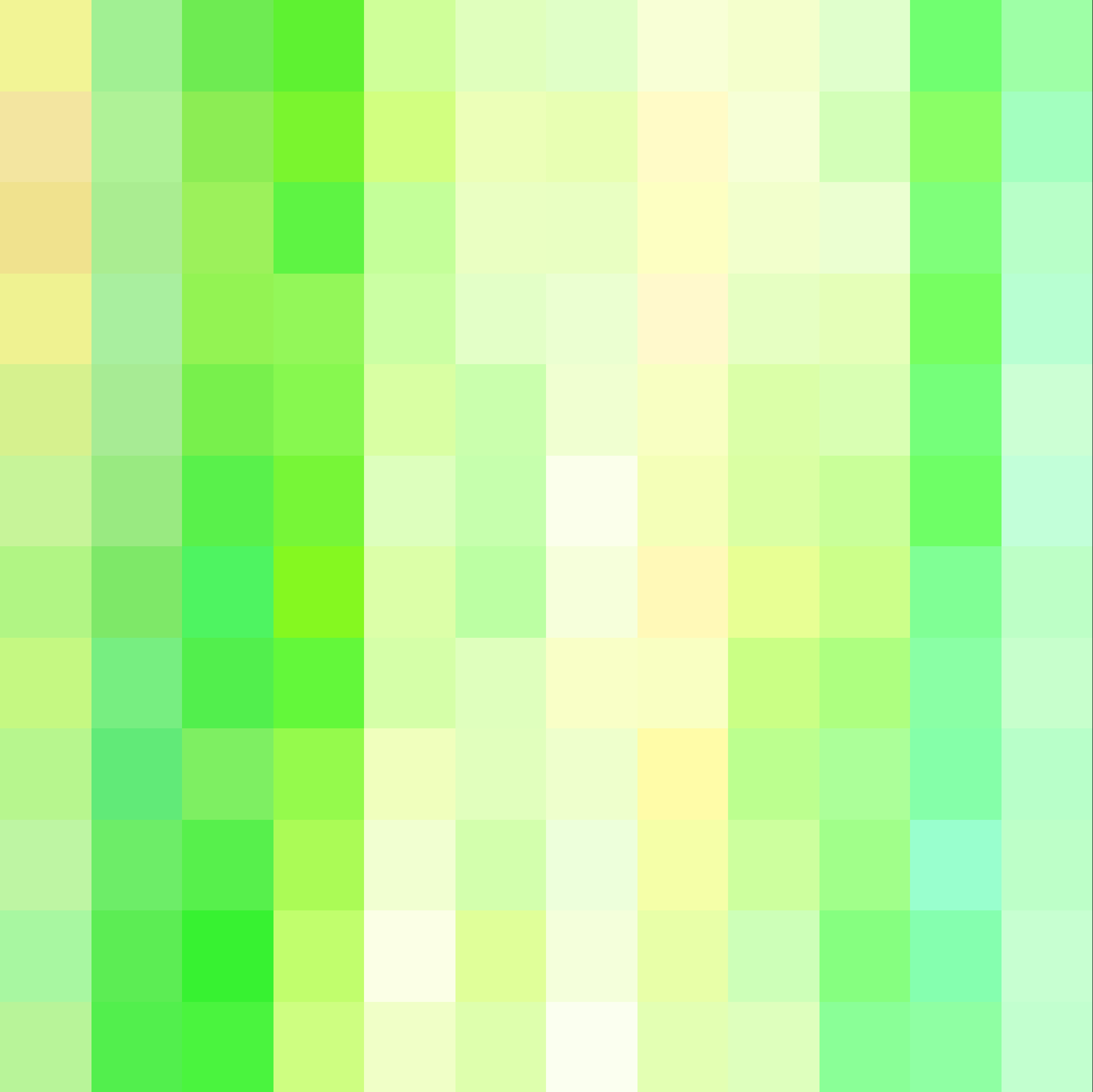
The two tone gradient in this 12 by 12 pixel grid is mostly red, and it also has some orange in it.

This pixel gradient—it is 10 cells wide, 10 cells high—is mostly green, and it also has some yellow, and some lime in it.

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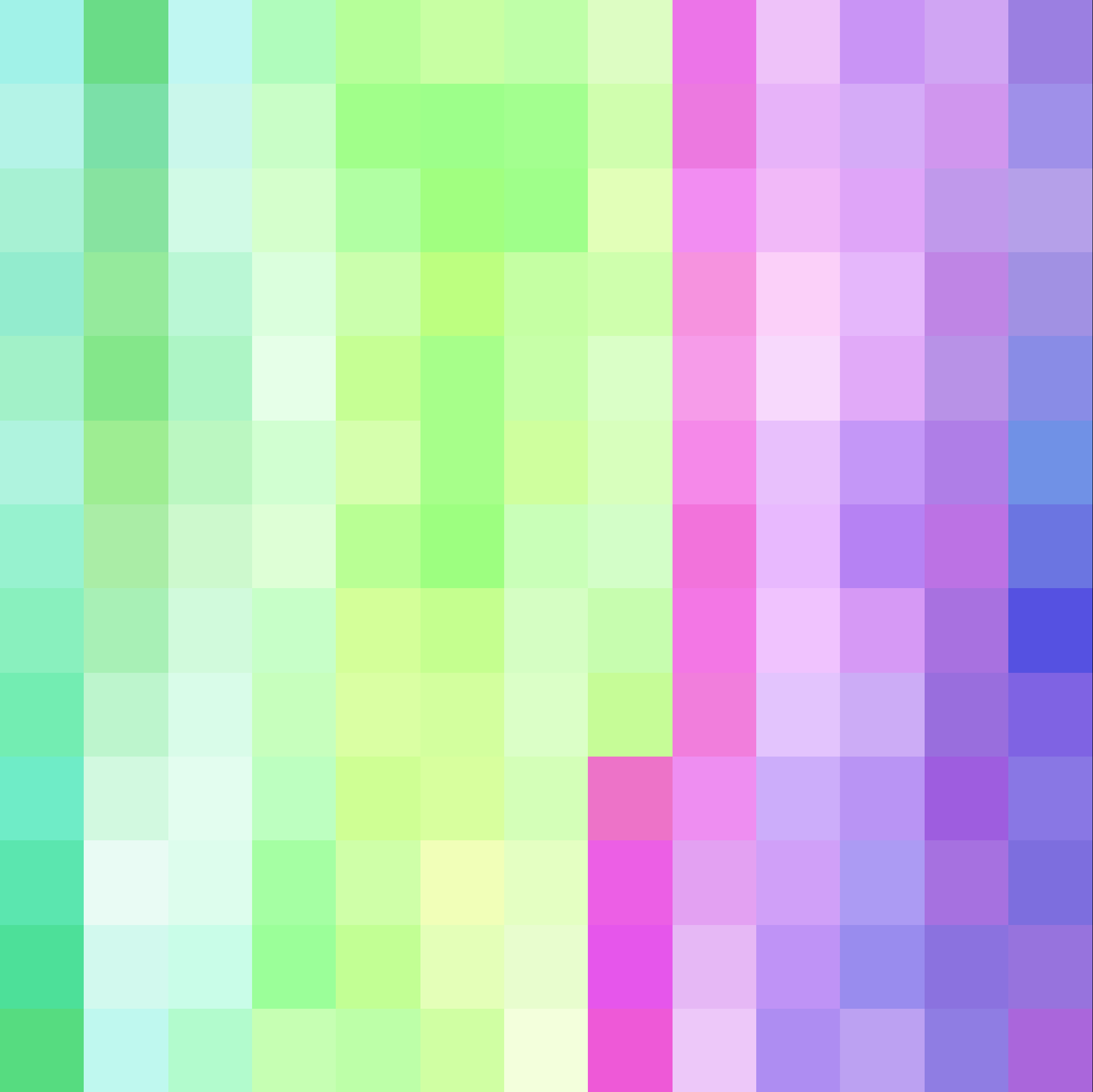
This gradient, generated in this 12 by 12 pixel grid, is mostly green, and it also has some lime, and a bit of yellow in it.
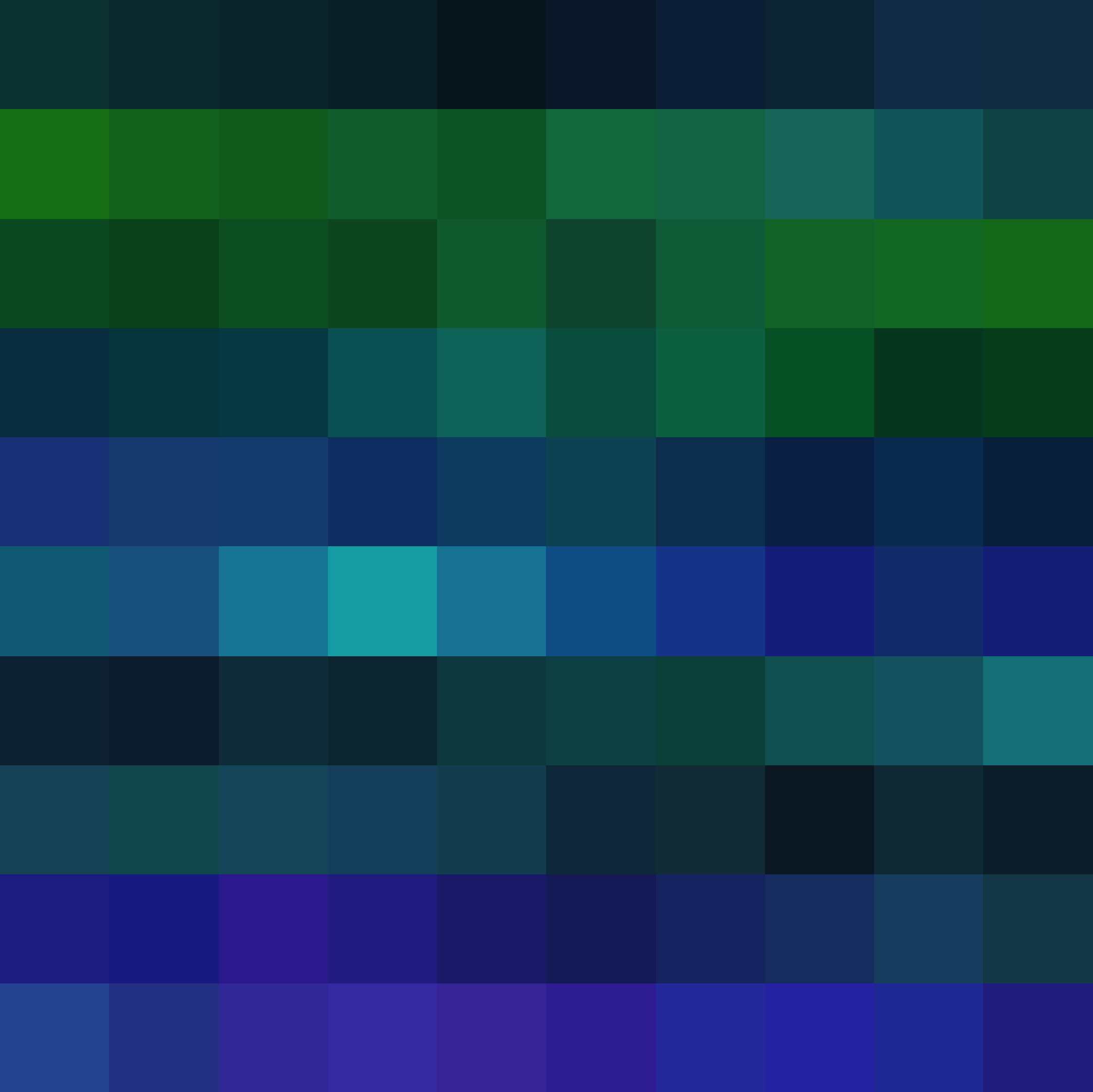
An 11 by 11 grid with coloured squares that form a very, very colourful gradient. The colours are various shades of mostly blue, but it also has quite some magenta, some green, a bit of purple, a bit of rose, a bit of violet, a bit of cyan, a little bit of red, and a little bit of indigo in it.

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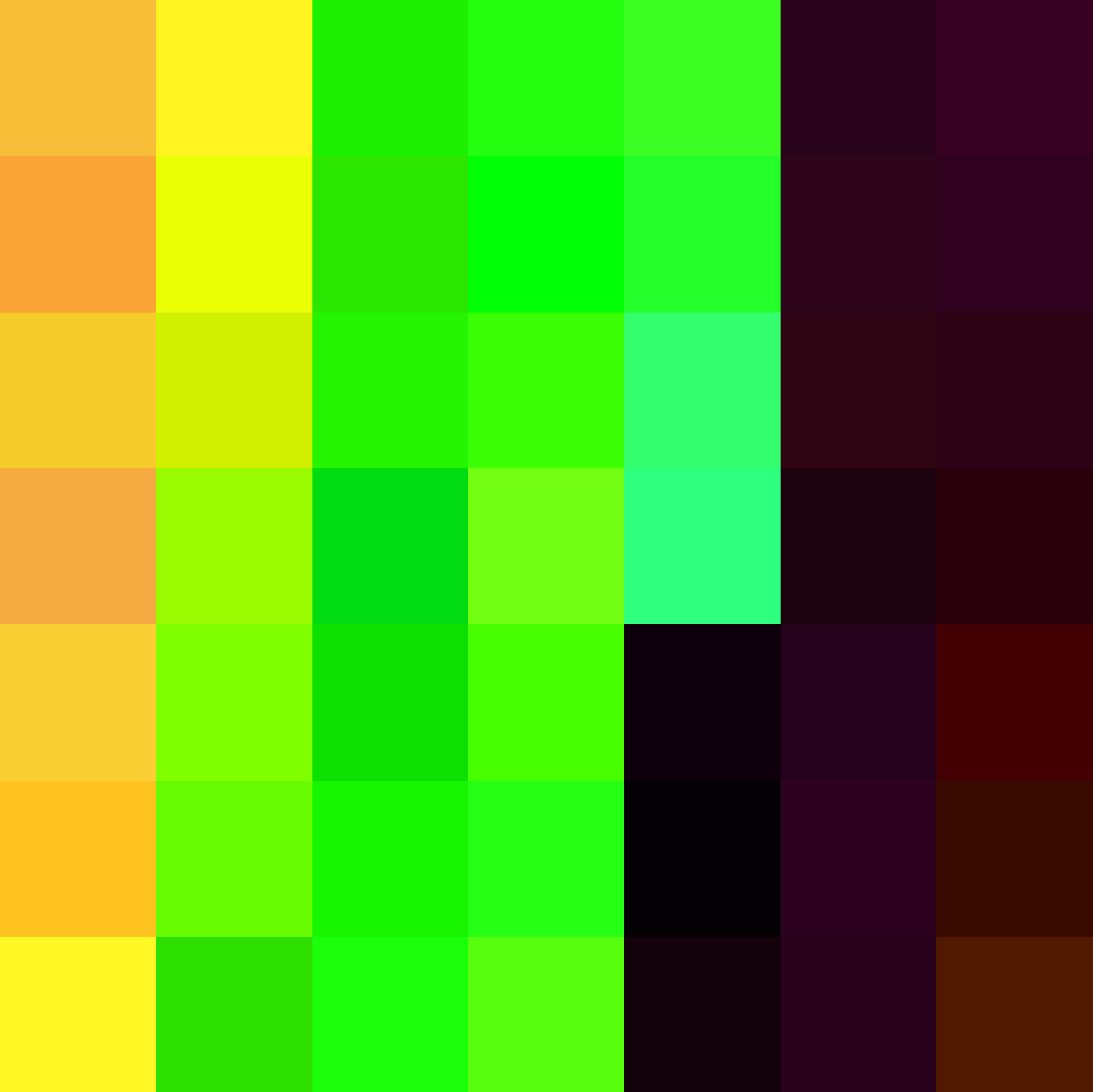
Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly green, and it also has some purple, a bit of magenta, a bit of indigo, a bit of violet, a little bit of cyan, a tiny bit of blue, and a tiny bit of lime in it.

A 10 by 10 grid with coloured squares that form a gradient. The colours are various shades of mostly blue, but it also has quite some green, quite some cyan, and a bit of indigo in it.

Here's a 14 by 14 pixelated grid that forms a gradient. It is mostly blue, but it also has quite some cyan, a bit of indigo, and a little bit of green in it.
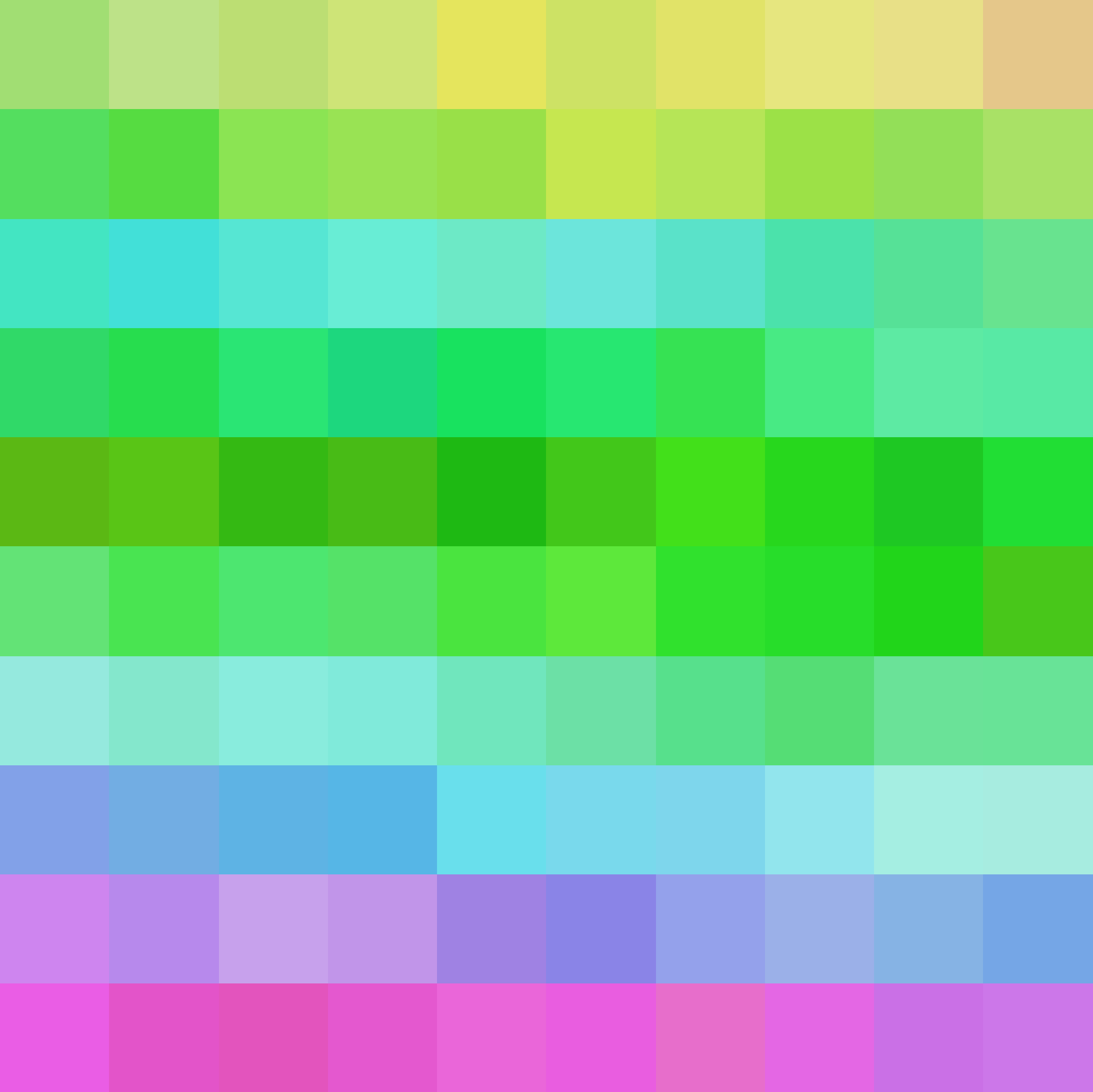
There's a very colourful pixel gradient in this 7 by 7 grid. It is mostly green, and it also has some magenta, some yellow, a bit of orange, a bit of rose, and a little bit of red in it.

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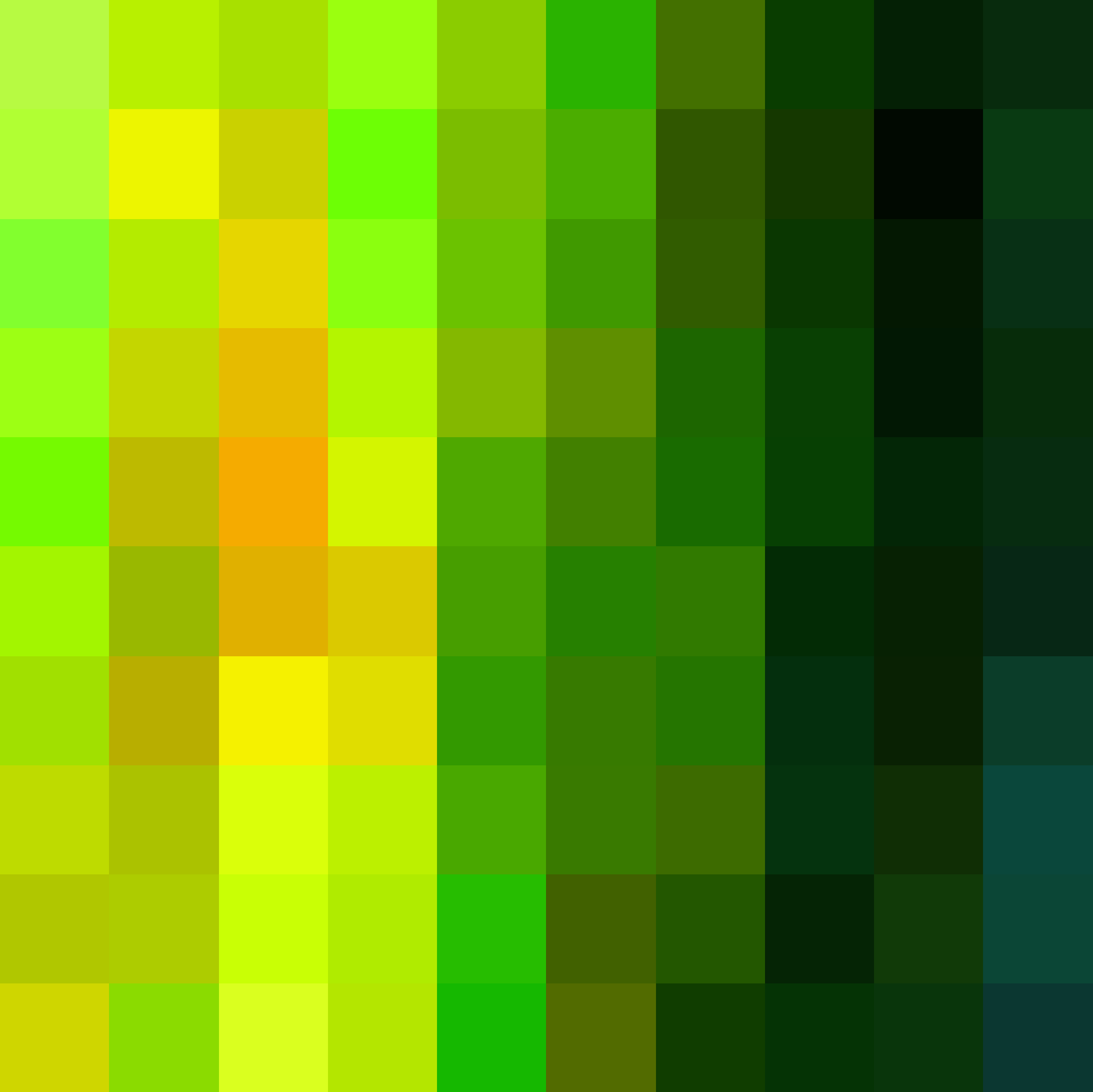
This pixel gradient—it is 5 cells wide, 5 cells high—is mostly indigo, but it also has quite some violet, quite some blue, and a bit of purple in it.

The cells in this 10 by 10 pixel grid form a very, very colourful gradient. It is mostly green, but it also has some cyan, a bit of blue, a bit of magenta, a little bit of yellow, a little bit of purple, a little bit of lime, a tiny bit of indigo, a tiny bit of violet, and a tiny bit of orange in it.
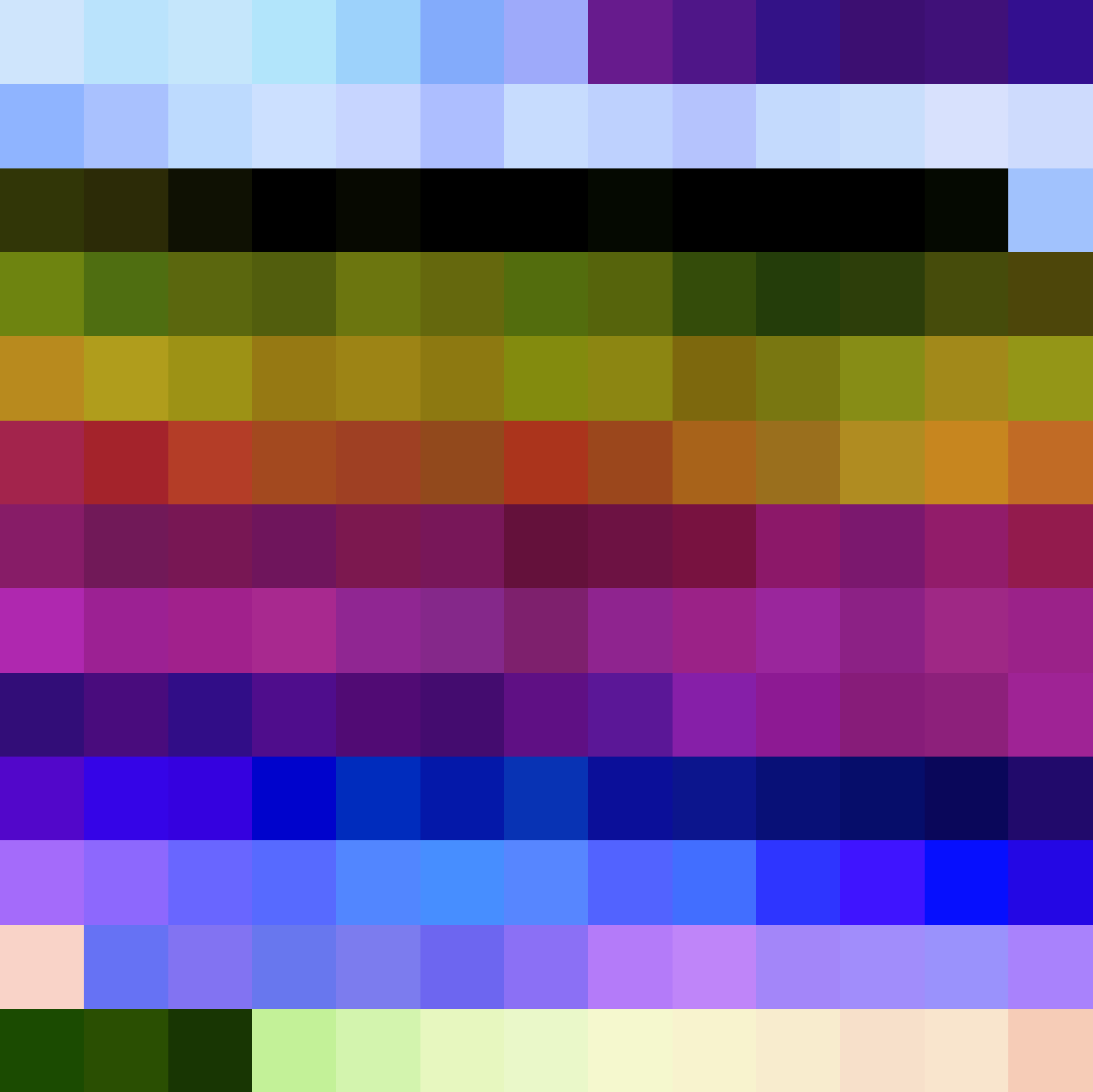
This pixel gradient—it is 7 cells wide, 7 cells high—is mostly green, and it also has quite some cyan, and some blue in it.
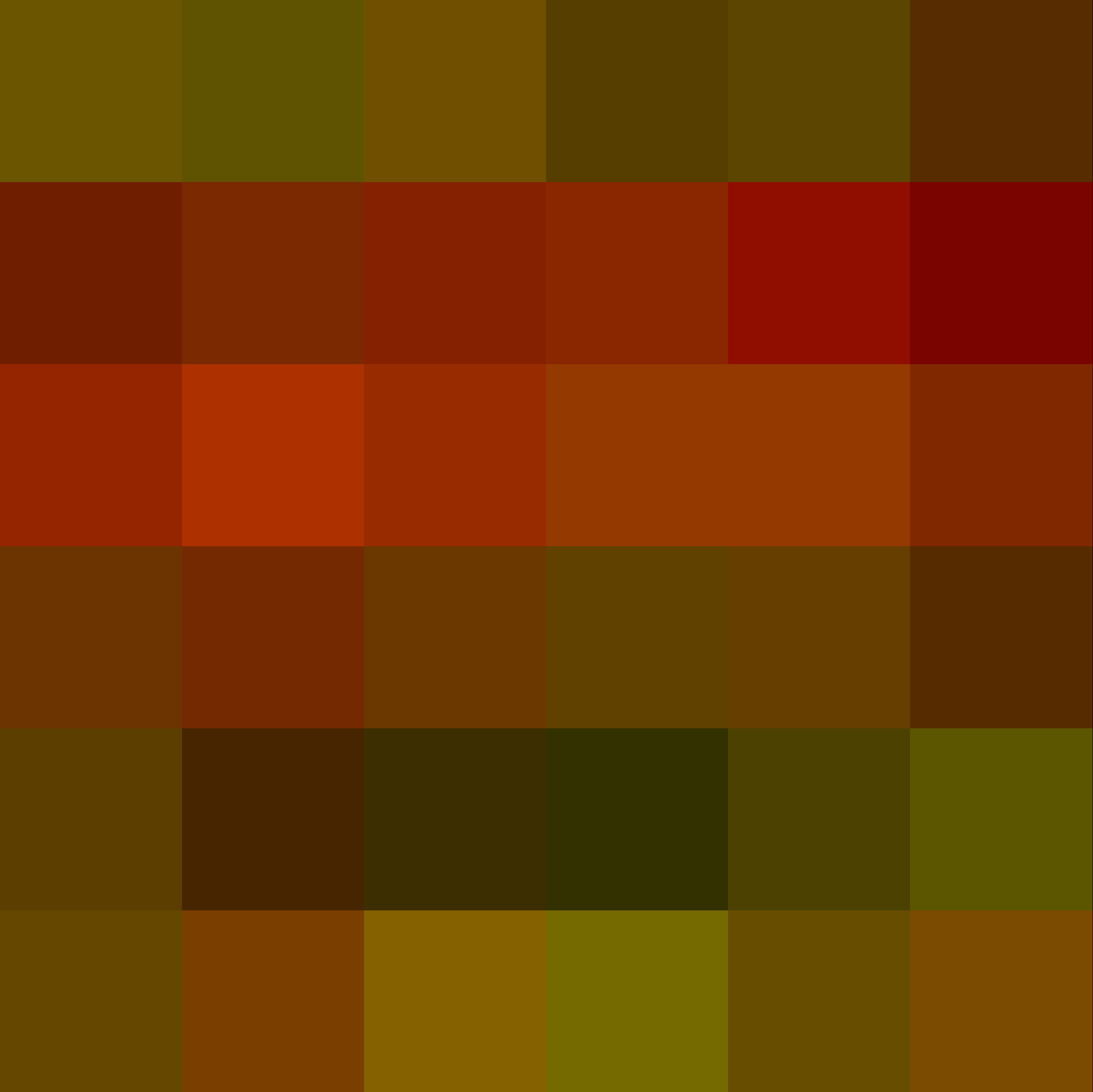
The colourful gradient in this 10 by 10 pixel grid is mostly green, and it also has quite some yellow, some lime, a tiny bit of cyan, and a tiny bit of orange in it.

This colourful gradient, generated in this 7 by 7 pixel grid, is mostly magenta, and it also has quite some purple, a bit of violet, a bit of rose, and a little bit of indigo in it.

Here's a 13 by 13 pixelated grid that forms a very, very colourful gradient. It is mostly red, but it also has some yellow, some blue, a bit of green, a bit of orange, a little bit of lime, a tiny bit of violet, a tiny bit of indigo, and a tiny bit of purple in it.
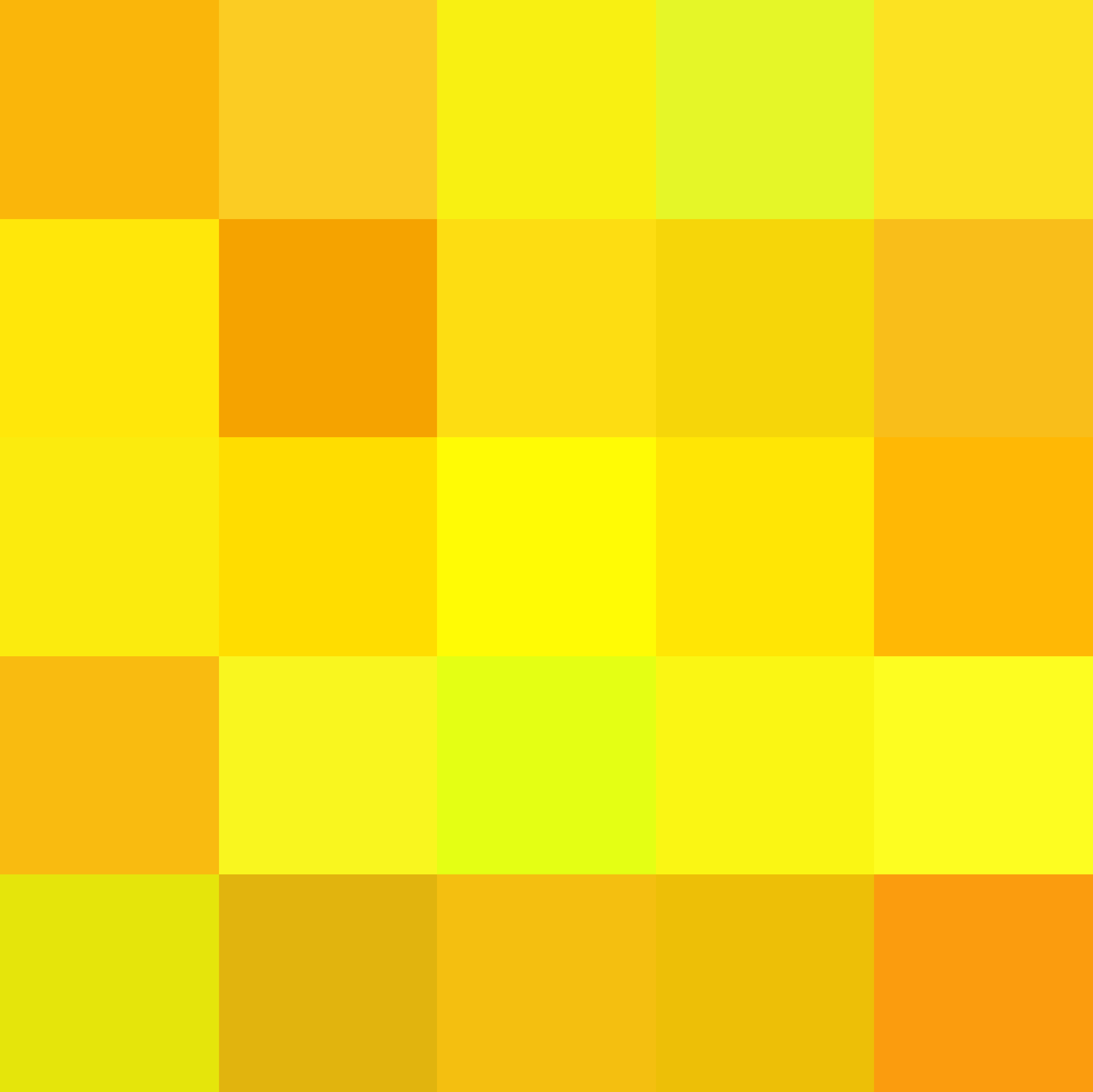
Here's a 6 by 6 pixelated grid that forms a gradient. It is mostly orange, but it also has some yellow, and some red in it.
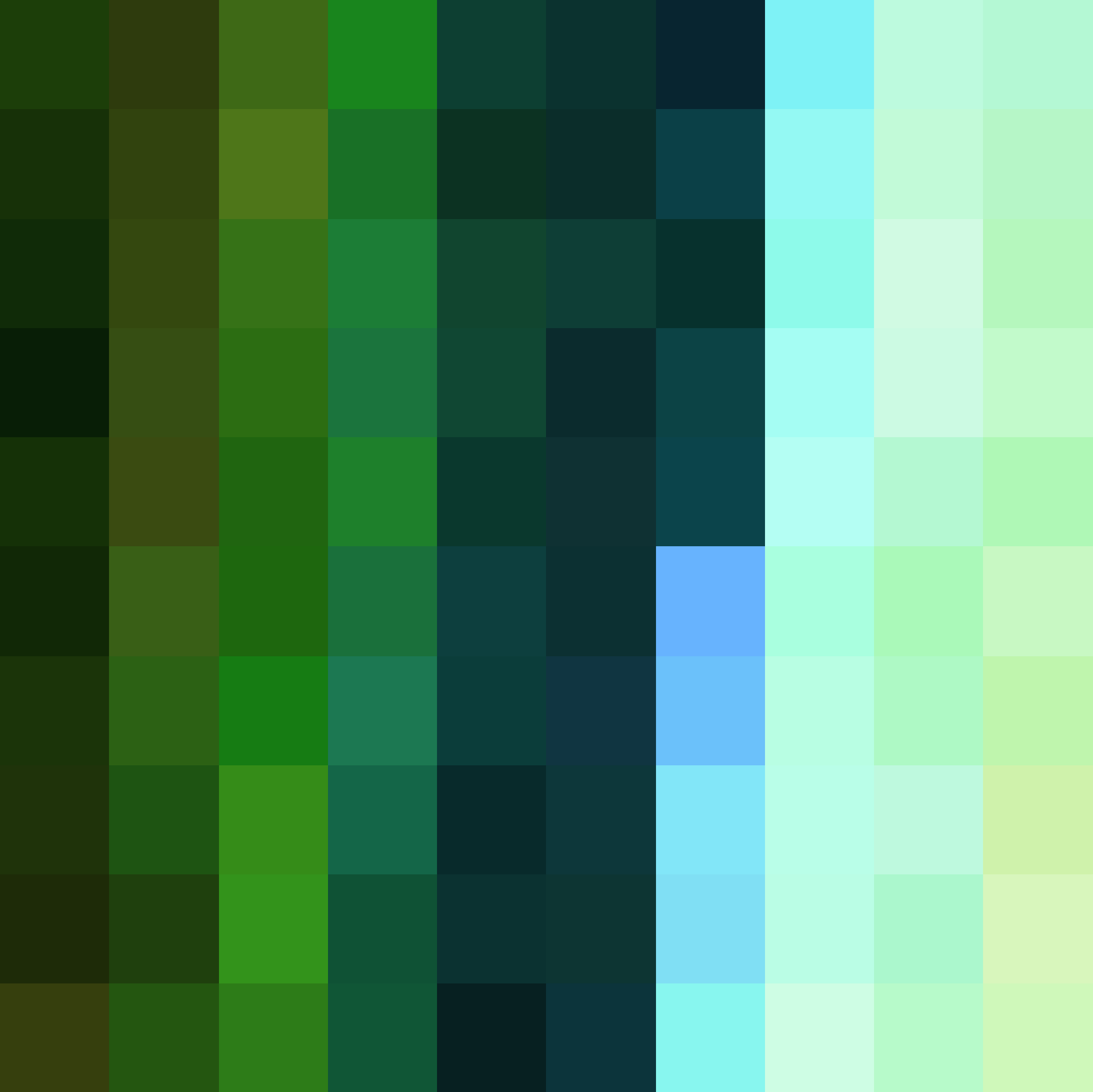
The gradient in this 5 by 5 pixel grid is mostly blue, and it also has a lot of indigo, and a bit of violet in it.
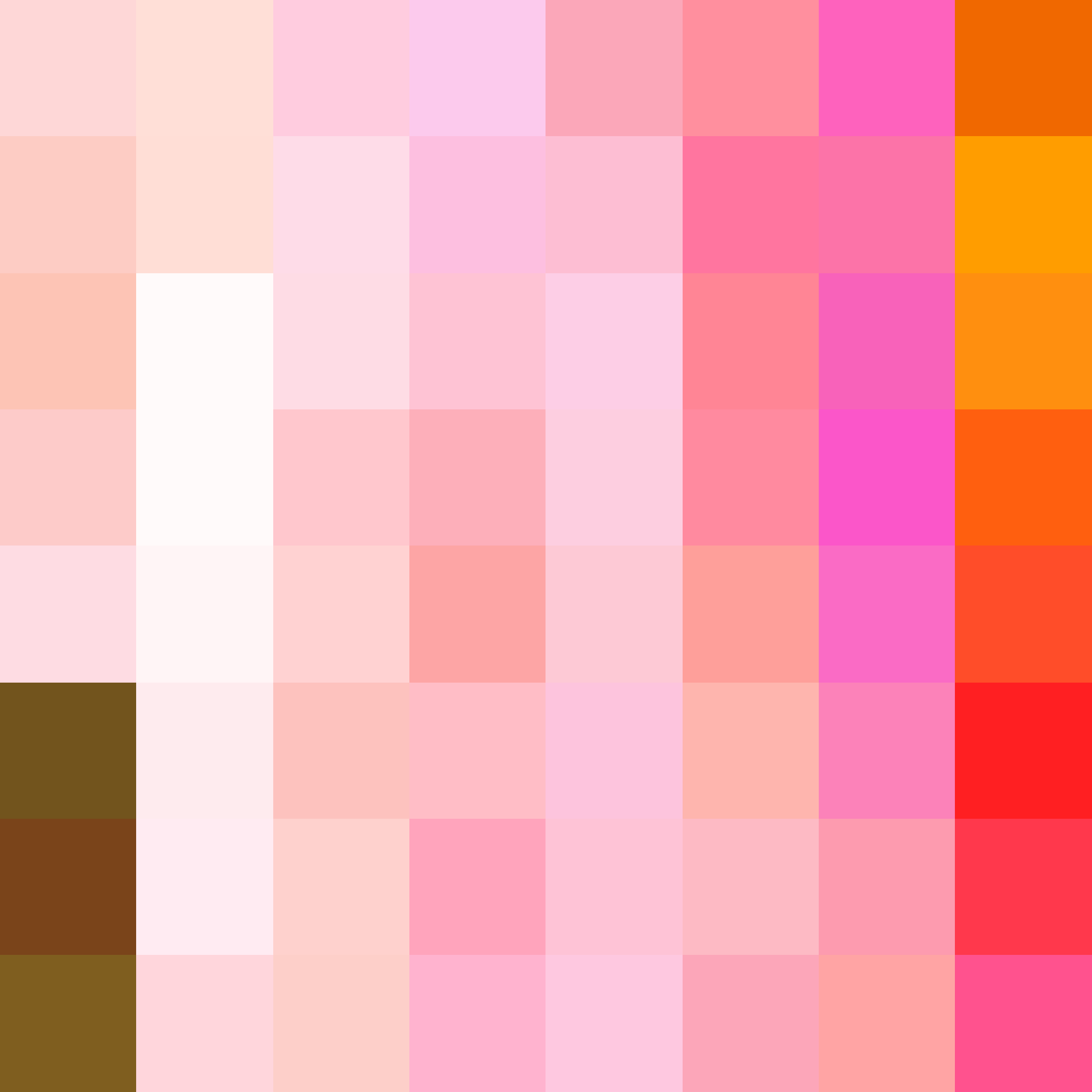
A two tone grid of 25 blocks. It's mostly magenta, but it also has a bit of purple in it.
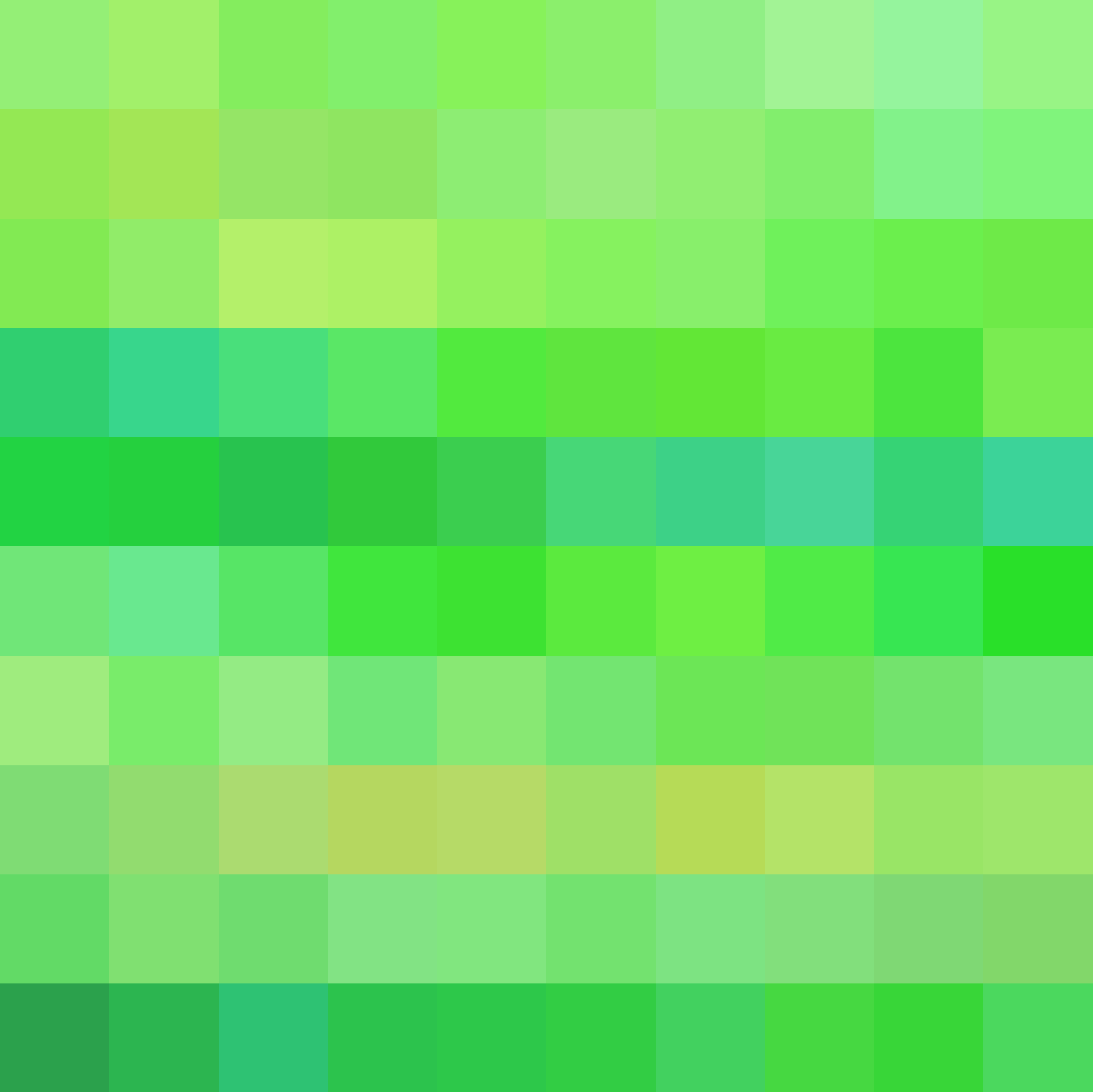
This two tone gradient, generated in this 5 by 5 pixel grid, is mostly yellow, but it also has quite some orange in it.
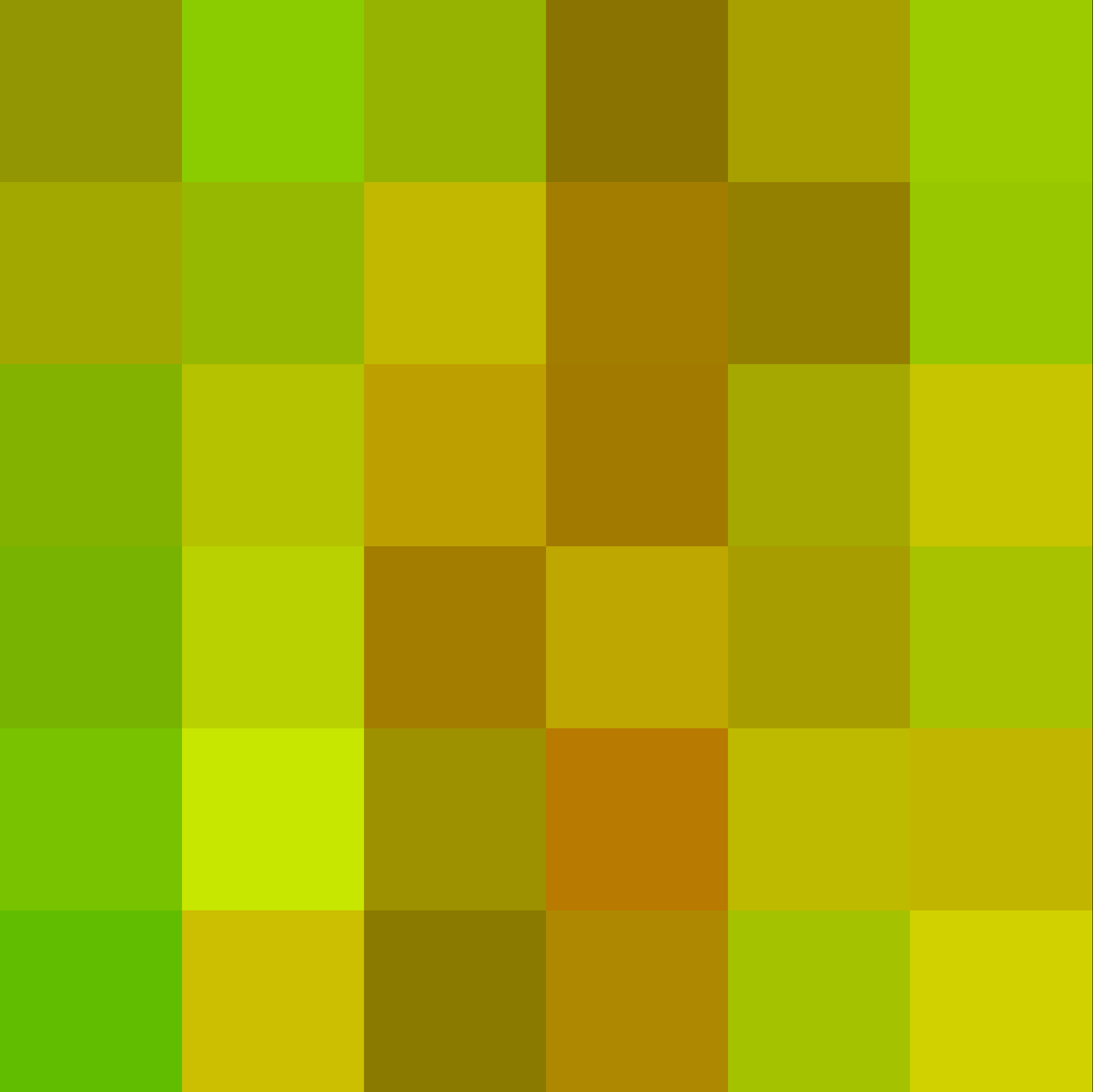
A grid with 100 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has quite some cyan, a little bit of blue, and a little bit of lime in it.
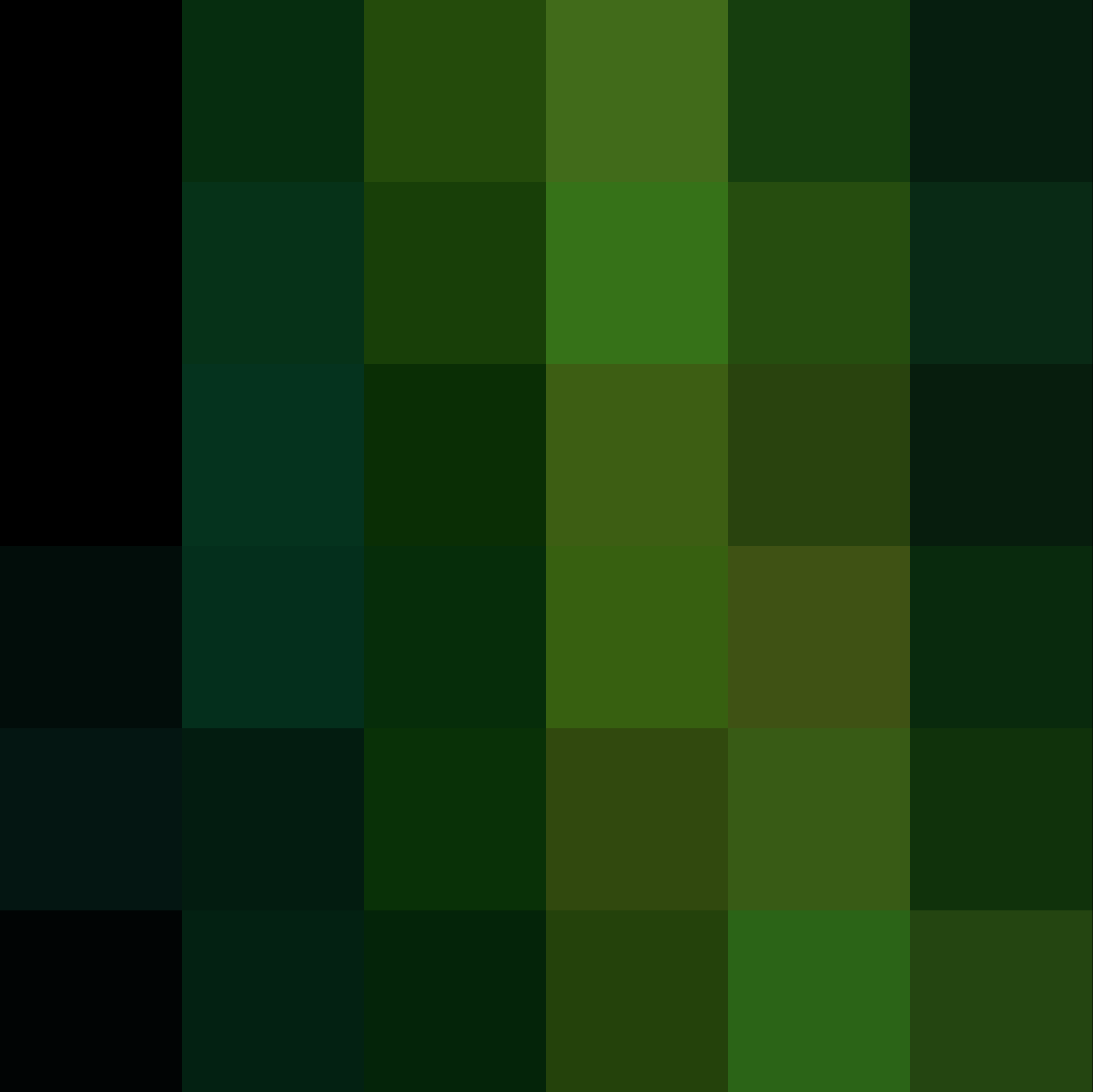
This gradient, generated in this 8 by 8 pixel grid, is mostly red, but it also has quite some rose, some orange, and a bit of magenta in it.
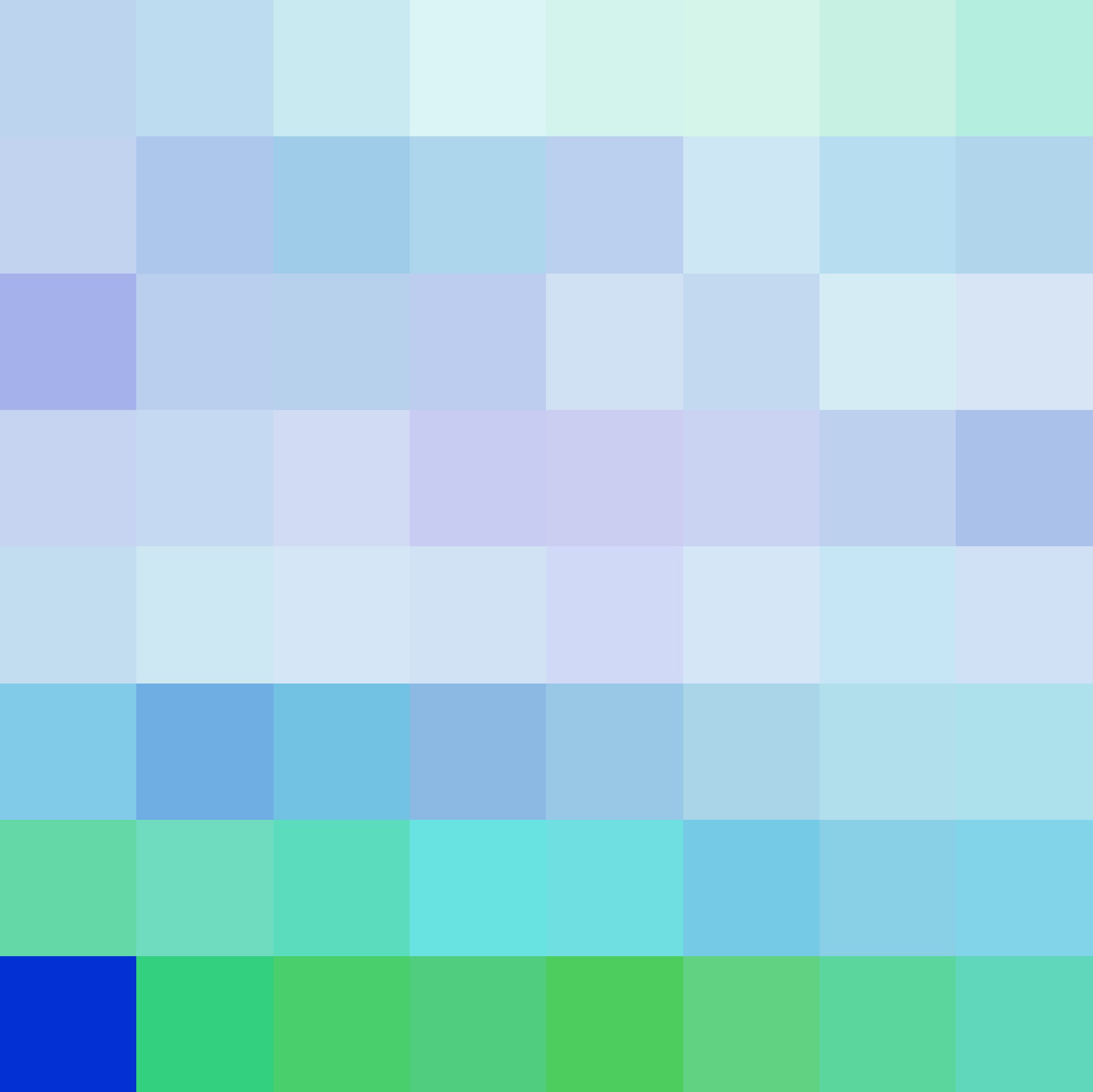
A grid with 100 coloured squares that form a two tone gradient. The colours are various shades of mostly green, and it also has a little bit of lime in it.
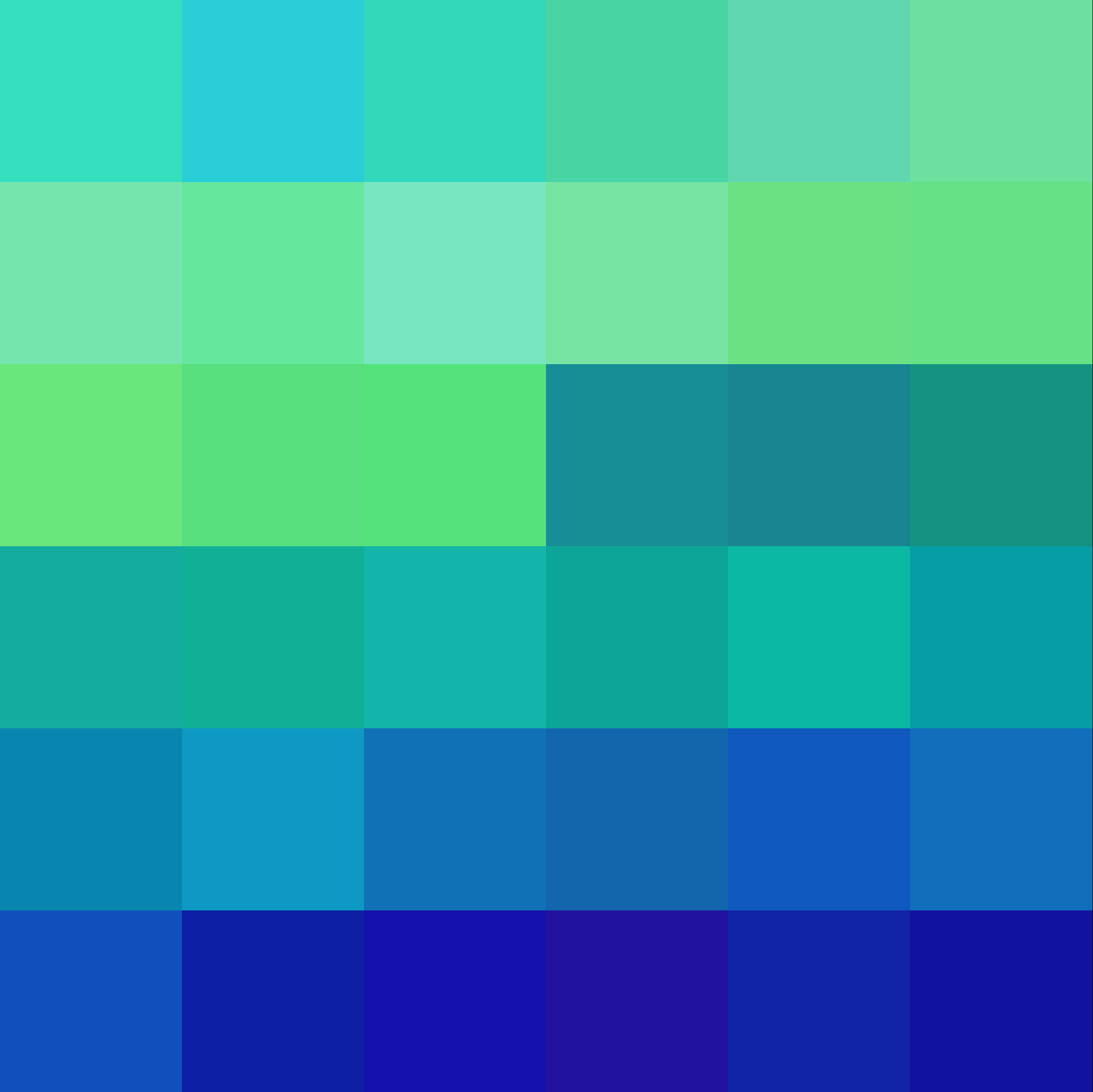
The cells in this 6 by 6 pixel grid form a gradient. It is mostly yellow, but it also has some lime, a bit of green, and a little bit of orange in it.
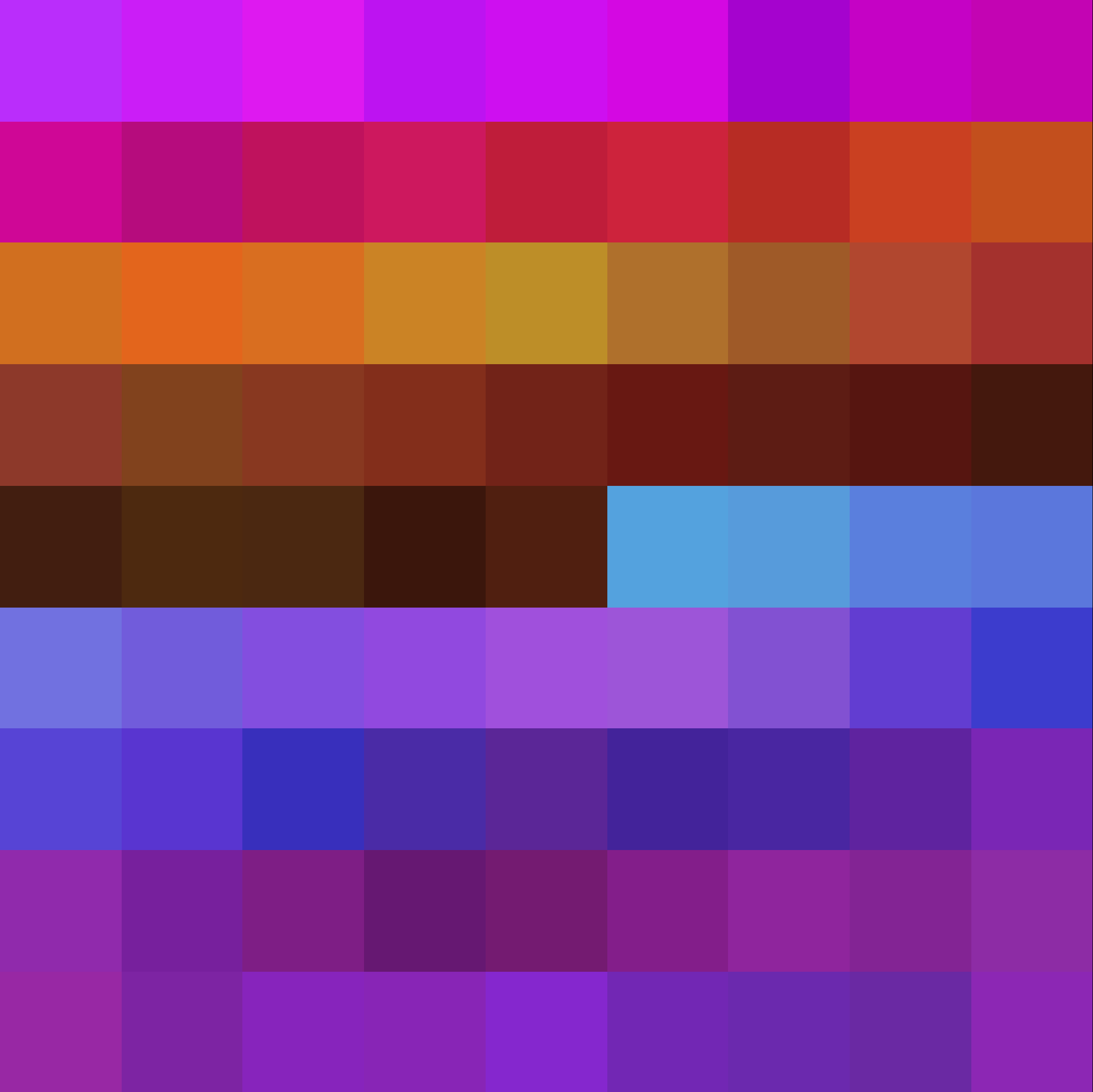
A grid with 36 coloured squares that form a gradient. The colours are various shades of mostly green, but it also has a bit of cyan, and a little bit of lime in it.

The cells in this 8 by 8 pixel grid form a gradient. It is mostly blue, but it also has some cyan, and some green in it.

The gradient in this 6 by 6 pixel grid is mostly cyan, but it also has quite some green, quite some blue, and a little bit of indigo in it.
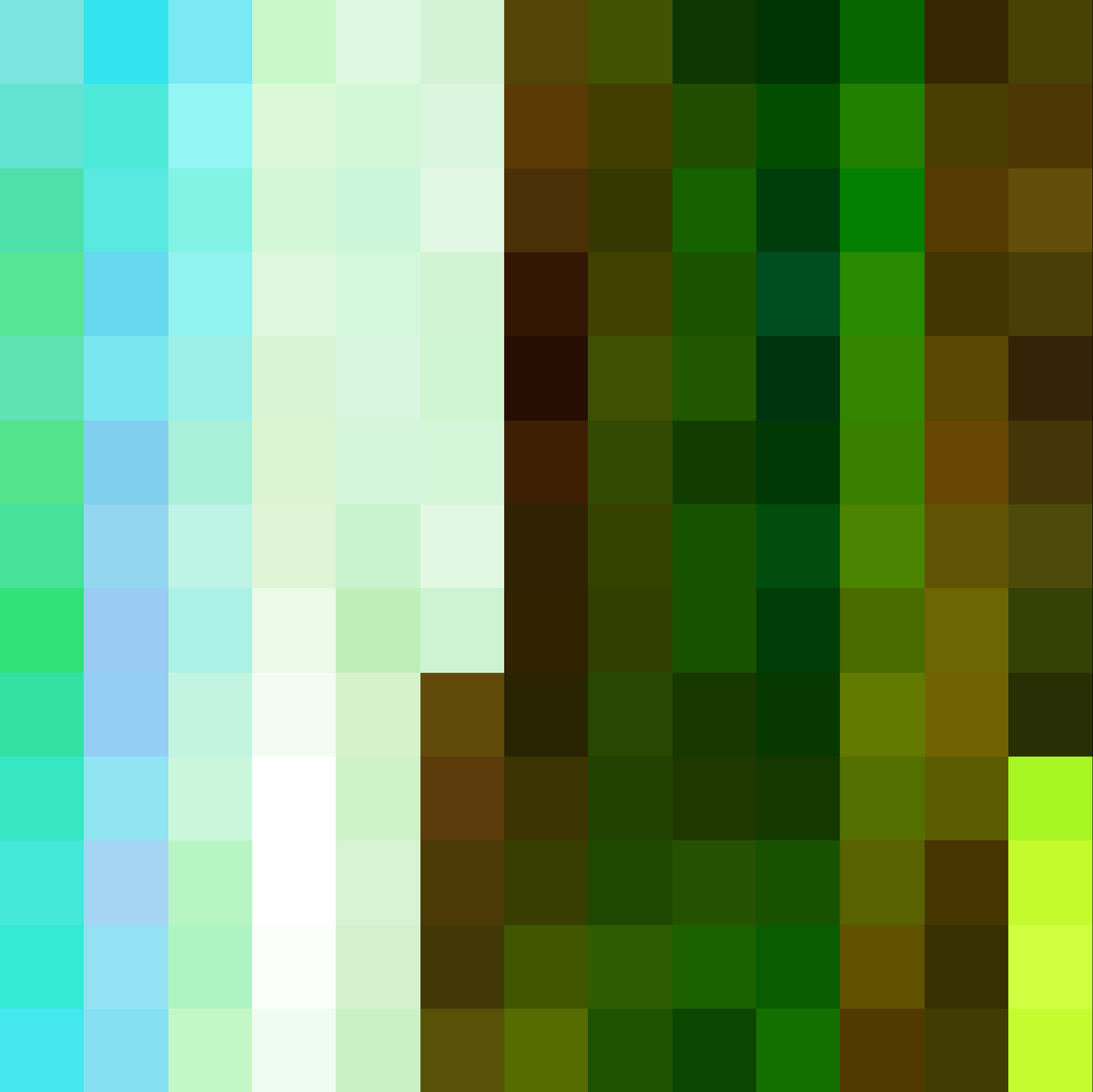
This very, very colourful gradient, generated in this 9 by 9 pixel grid, is mostly purple, and it also has quite some red, some magenta, some orange, a bit of indigo, a bit of blue, a bit of violet, and a tiny bit of rose in it.
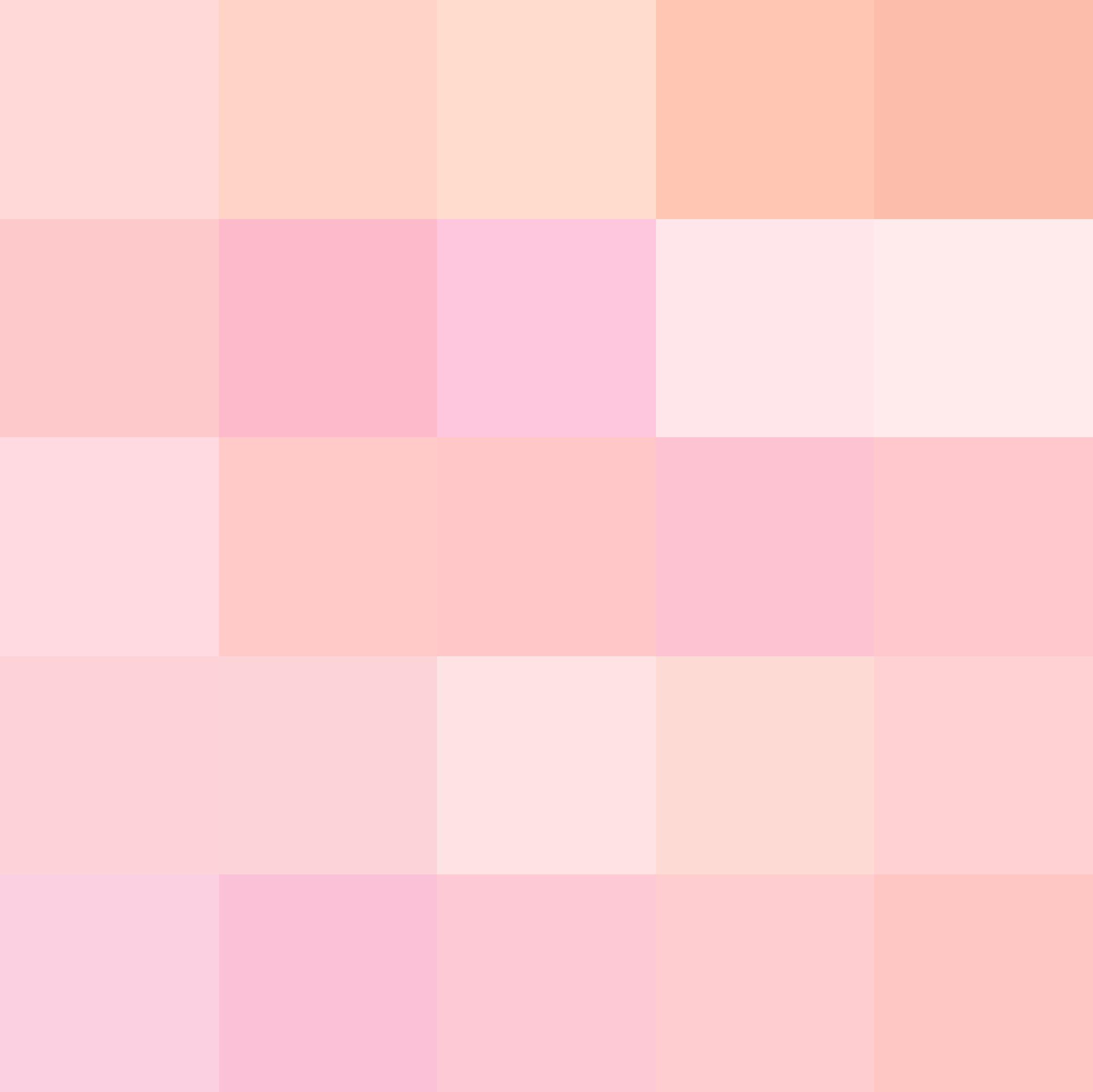
A two tone grid of 49 blocks. It's mostly blue, but it also has quite some indigo in it.
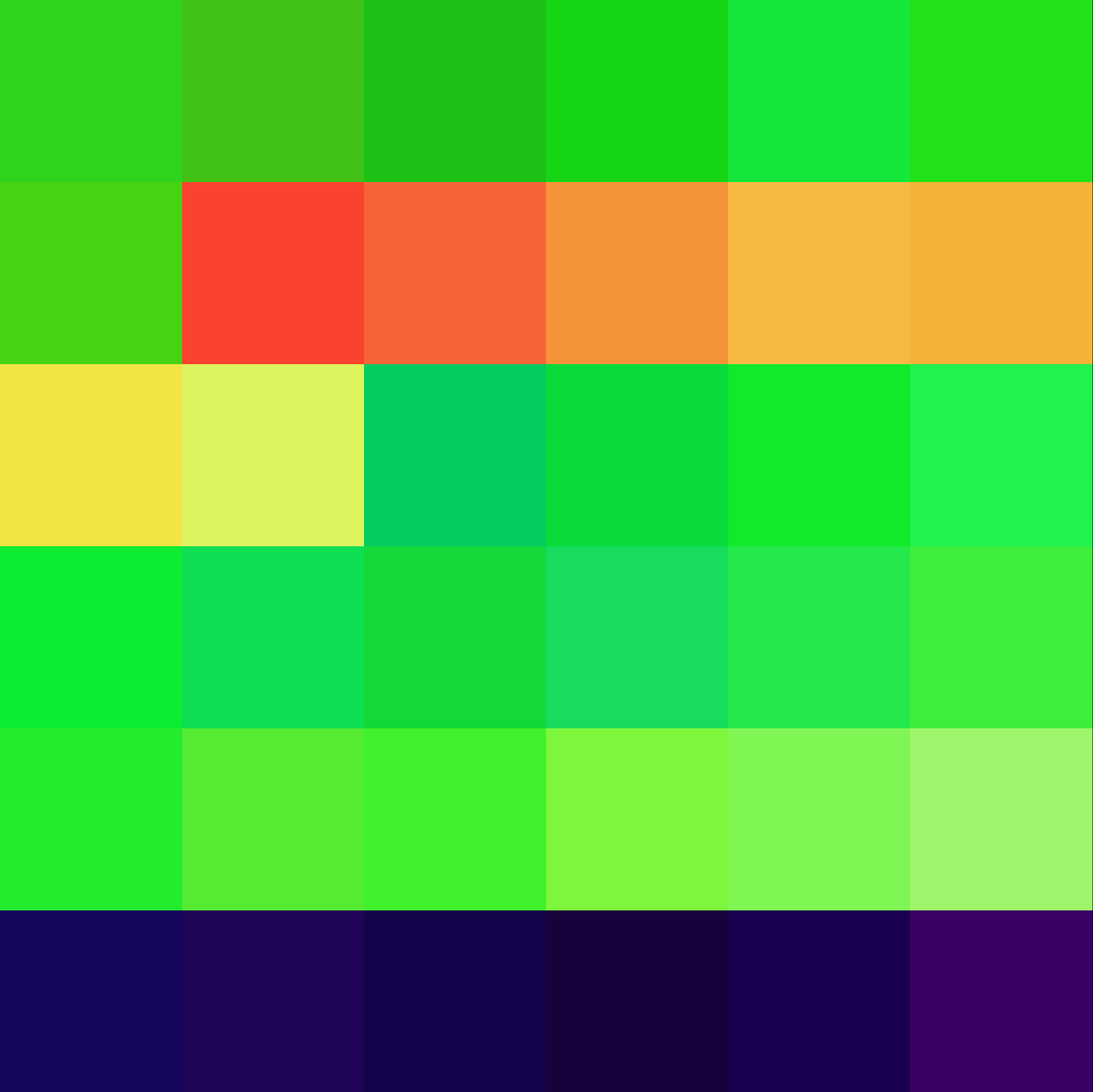
This gradient, generated in this 6 by 6 pixel grid, is mostly yellow, and it also has quite some green, some orange, and some lime in it.
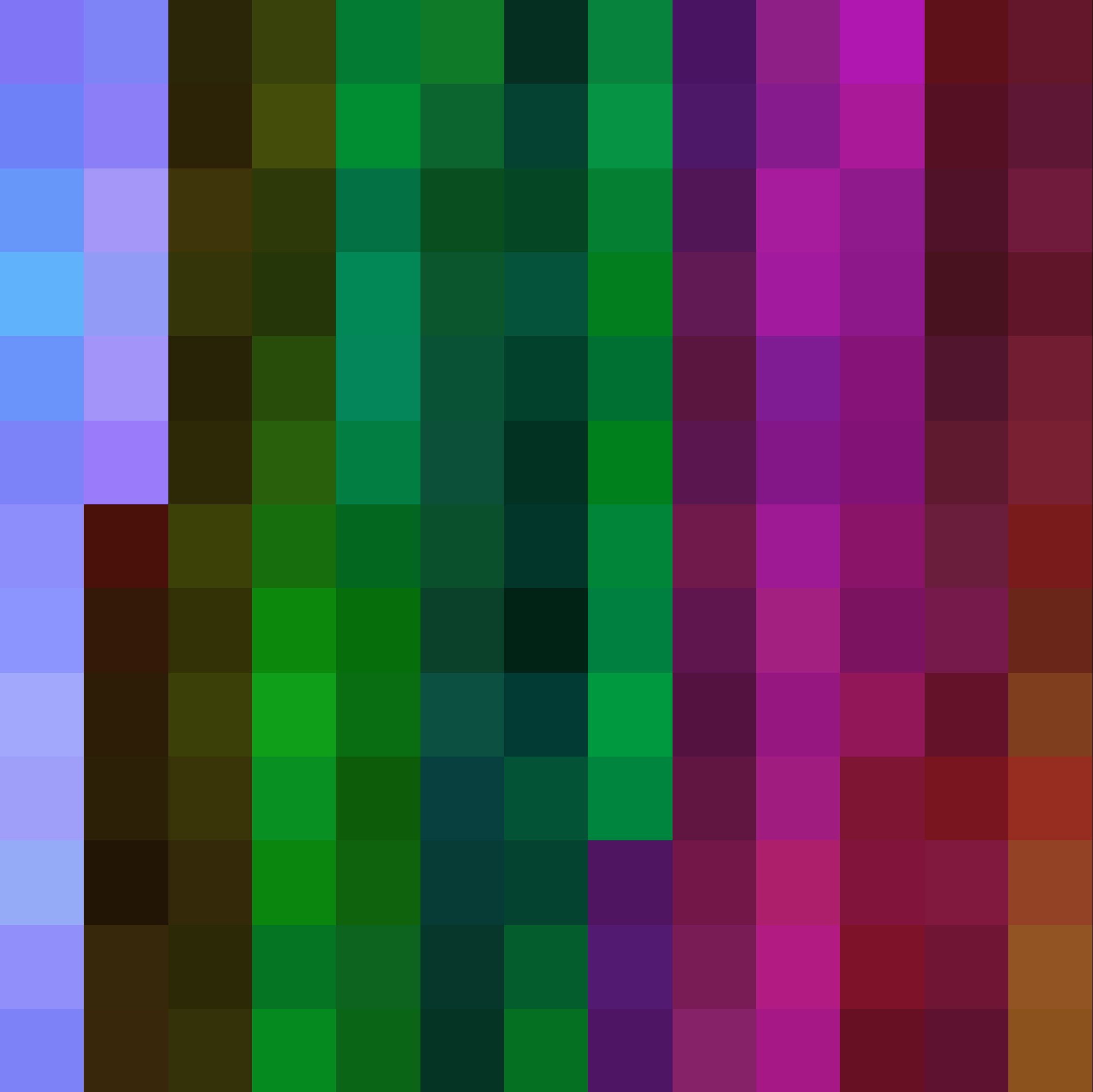
This very colourful gradient, generated in this 13 by 13 pixel grid, is mostly green, and it also has some yellow, some cyan, a bit of orange, a bit of lime, and a little bit of blue in it.

A grid with 25 coloured squares that form a two tone gradient. The colours are various shades of mostly red, and it also has a bit of orange in it.
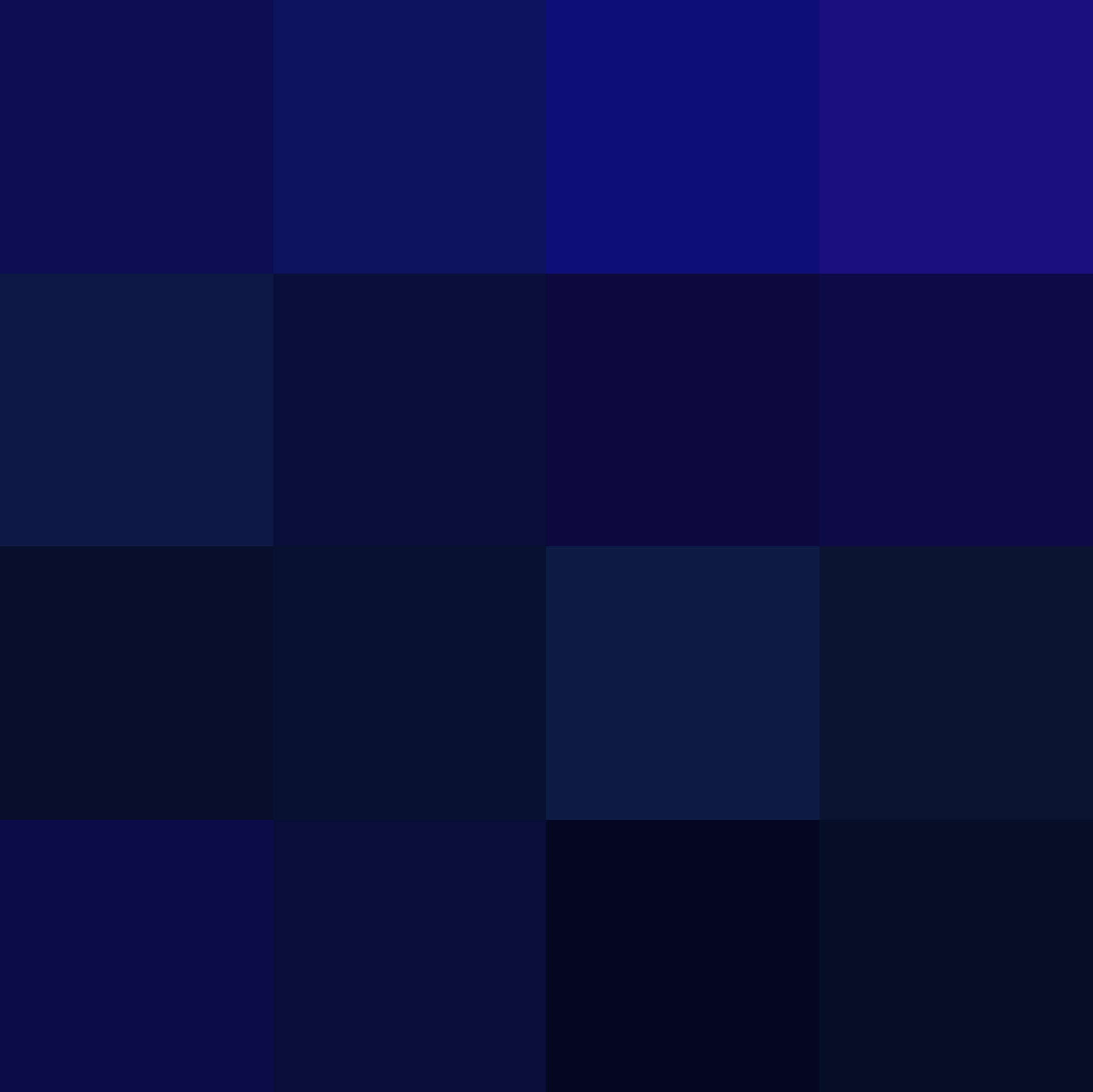
This very colourful gradient, generated in this 6 by 6 pixel grid, is mostly green, and it also has some indigo, a bit of orange, a little bit of red, a little bit of yellow, a little bit of violet, and a little bit of purple in it.

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

This gradient, generated in this 8 by 8 pixel grid, is mostly green, and it also has some lime, and a little bit of yellow in it.

A 4 by 4 grid with coloured squares that form a two tone gradient. The colours are various shades of mostly blue, but it also has some indigo in it.

This two tone pixel gradient—it is 4 cells wide, 4 cells high—is mostly blue, and it also has quite some cyan in it.

A very colourful grid of 81 blocks. It's mostly
magenta, and it also has quite some purple, some
blue, some indigo, a bit of cyan, a bit of violet,
and a tiny bit of rose 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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