Creative Computing

Homework 6

Make a generative color palette

Use a while loop to create a random set of divs and style each with a random background-color.

Explore ways to make a constrained set of colors (warm/cool/unsaturated), by playing with Math.random(). Use multiplication and addition to shift around the range of random values.

Requirements

- Include this style in your HTML and flex box will nicely space out your divs.
- The **number of divs** should be random.
- Use the **hue-saturation-lightness** color space for the background-color value.

```
html, body {
    margin: 0;
    height: 100%;
}
body { display: flex; }
div { flex: 1; }
```

HSL

Hue-saturation-lightness works very similar to rgb(), except hsl **requires percent signs for two numbers**. Remember how you use the + operator to join variables and strings.

```
This line of code: "hsl(250, 100%, 50%)"
```

Can be built: "hsl(" + hue + ", " + saturation + "%, " + lightness + "%)" Notice how the percent signs are included.





