

Shade

We are exploring how we can use math and creativity further. Find your favorite shade of your favorite color and get the RGB values

Base Color

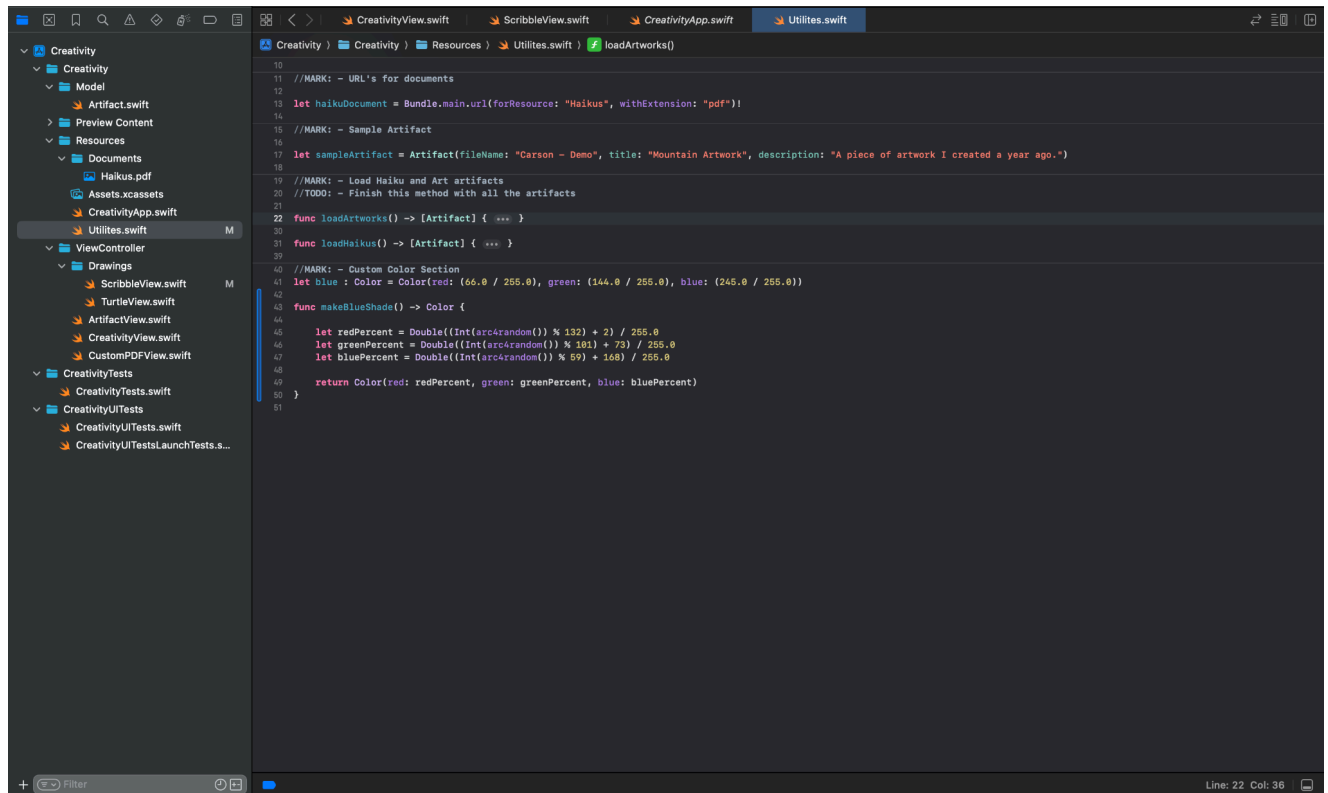
Red	Green	Blue
66	144	245

Shade Range

Now using the [RGB picker](#) find the range of values that accompany your favorite shade. This will be used to create random colors in the realm

Shade name _____	Minimum value	Maximum value	Range
Red	2	134	132
Green	73	174	101
Blue	168	227	59

Custom Shade Method



Review

What is the relationship between the values identified in the shade range and how they are implemented in the method including the shift and calculation?

The method takes the range value, the difference between the minimum and maximum. Modulos a random number with it. Then adds the minimum value to that so that the number stays in the designated range. After which it gets converted into a percentage of 255.