

On the Subject of Color Generator

While I wait for you to input, I'll just make myself a sandwich.

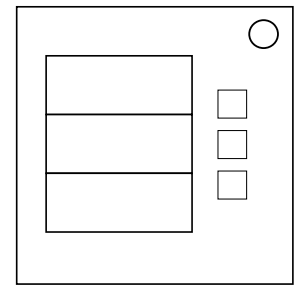
Start with the serial number. Convert every letter to a number, where A = 1, B = 2, etc. Include the numbers as well.

Modulo each result by 16.

Separate the numbers by 3. (1 2 3 4 5 6 = 12 34 56 || 2 4 3 5 1 1 = 24 35 11 || 14 5 6 11 7 8 = 145 611 78). The first pair is the red value, second pair is the green value, and third pair is the blue value.

Take the first number on each pair, multiply it by 16, then add the second number on each pair. (12 = 18 || 35 = 53)

Input each number to the buttons and then press submit. If you submit an incorrect color, the module state will reset and you will receive a strike.



RED



MULTIPLY

GREEN



RESET

BLUE



SUBMIT

The multiplier value has a default value of 1. When it is clicked, the multiplier cycles around 1, 10 and 100. When you click the colored buttons, that color's value is added by the multiplier.