On the Subject of Color Generator

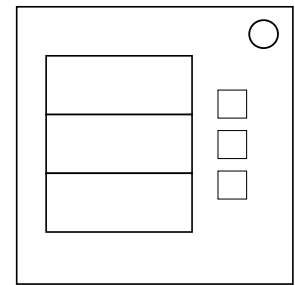*While I wait for you to input, I'll just make myself a sandwich.*

Start with the serial number. Convert every letter to a number, where A = 1, B = 2, etc. Include the numbers as well.
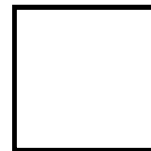
Modulo each result by 16.

Separate the numbers into 3 groups of 2. The first pair is the red value, second pair is the green value, and third pair is the blue value.

For each pair, multiply the first number in it by 16, then add the second number.

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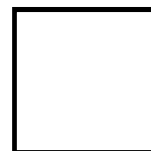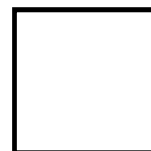
RED

GREEN

BLUE

MULTIPLIER

RESET

SUBMIT

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