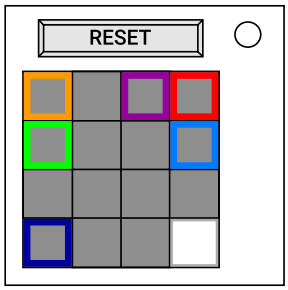
On the Subject of Painting Cubes

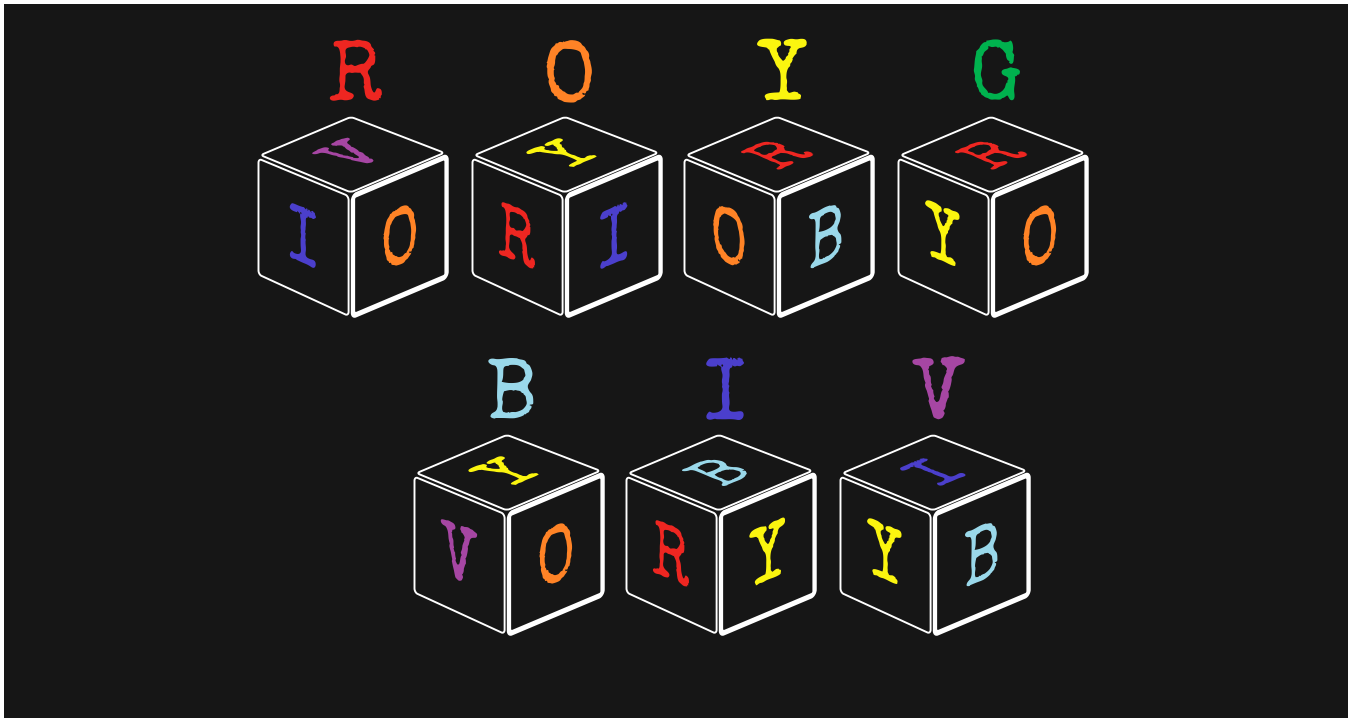


They put colors in the water that turn the freaking cubes gay!

The module consists of a reset button on top, a 4×4 grid, and a cube randomly placed somewhere on the grid.

The grid will have six unique colors placed somewhere on the grid, which can be Red, Orange, Yellow, Green, Blue, Indigo, and Violet.

Using the color missing from the grid, determine the first three colors to be filled onto the corner of the cube below:



Once the vertex is determined, press one of the cells orthogonally adjacent to the cube on the grid to move it to that direction. If the current face facing down is empty and the cell of the grid has a color on it or vice versa, that face will swap with the cell of the grid. However, if the current face facing down is colored and the cell on the grid isn't empty, no change will be made.

The module will solve if the arrangement of the colors around any vertex matches that of determined colors above and all faces are colored.