R G B result

1.0 0.0 0.0 red, duh

0.0 1.0 0.0 green, duh

0.0 0.0 1.0 blue, duh

1.0 1.0 0.0 yellow

1.0 0.0 1.0 purple

0.0 1.0 1.0 cyan

1.0 1.0 1.0 white

1.0 0.5 0.0 orange

0.5 1.0 0.0 greenish yellow

...

0.5 1.0 0.5 light green

0.0 0.5 0.0 dark green

0 0 0 Black  
1 1 1 Really, really, really dark gray  
2 2 2 Really, really dark gray  
3 3 3 Really dark gray  
4 4 4 Dark, dark gray  
5 5 5 Medium dark gray  
6 6 6 Satan grey