

# Converting Colors

Decimal(5500948)

Have a look what the booklet for  
Decimal(5500948) contains.

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# **Color**

**Decimal(5500948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53F014
RGB	83, 240, 20
RGB Percent	33%, 94%, 8%
CMY	0.6745, 0.0588, 0.9216
CMYK	0.65, 0.00, 0.92, 0.06
HSL	103°, 88%, 51%
HSV	103°, 92%, 94%
XYZ	34.8536, 64.2097, 11.2186
YIQ	167.9770, -22.9520, -101.7040

# Conversions

## Conversions Part 2

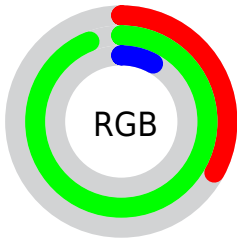
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 240, 177
Decimal	5500948
CIELab	84.07, -73.47, 78.78
CIELCh	84, 107.727, 133.004
Yxy	64.2097, 0.3160, 0.5822
Android (android.graphics.Color)	4283691028 (0xFF53F014)
YUV	167.9770, -72.9527, -74.5248
Hunter-Lab	80.1309, -62.5891, 47.7909

# Details

The Decimal color **5500948** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **11605232**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9961311**, and **46592** is the 20% darker color. If you saturate the color by 10%, you get **4583424**, and if you desaturate by 10%, it is **6615084**.

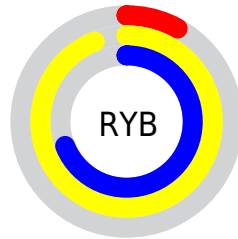
# Distribution



Red (33%)

Green (94%)

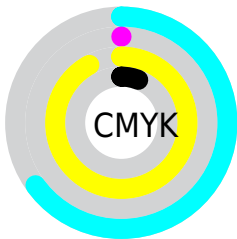
Blue (8%)



Red (8%)

Yellow (94%)

Blue (69%)

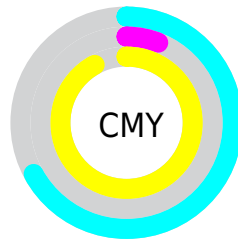


Cyan (65%)

Magenta (0%)

Yellow (92%)

Black (6%)



Cyan (67%)

Magenta (6%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5500948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5500948 by changing the saturation by 10% instead.



 5500948

 5500948

16777215

 2478848

 9961311

 46592

 12058493

 39680

 14090138

 32512

 16187320

 25856

 16777173

 19200

 16777203

 13056

 5888

 0

■ 5500948

■ 5500948

■ 4583424

■ 6615084

■ 7729220

■ 8843356

■ 10023028

■ 11137164

■ 12251300

■ 13365436

■ 14479572

■ 15593708

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13884160



5500948



64146

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5500948



61183



16733098

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5500948



11605232

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16737535



5500948



53503

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5500948



64511



16752639



16745544

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5500948



64985



16752639



16732108

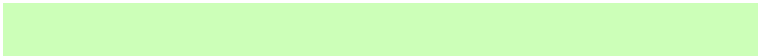


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5500948



13434808



15773204



6389844



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5500948



4849408



1372224



7305324



3520512



1062912



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11605232



11927807



15733956



7629944



8585400

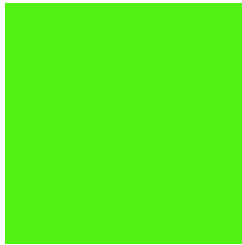


2621496



# Previews

## White Background



This preview shows how the Decimal color 5500948 looks on a white background.

## Color Contrast Check

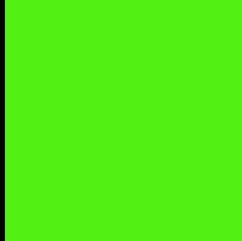
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5500948 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

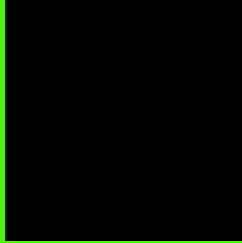
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

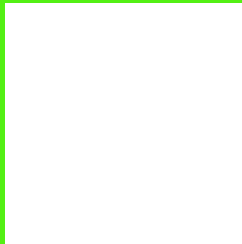
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5500948 Background



This preview shows how black text looks on a background with the Decimal color 5500948.

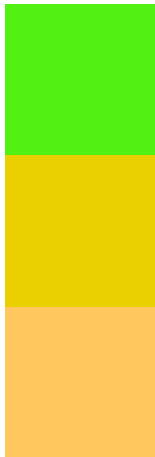


This preview shows how white text looks on a background with the Decimal color 5500948.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

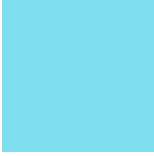
## Dichromacy



**Original Color**  
5500948

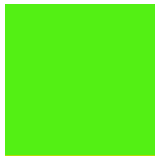
**Protanopia**  
15388672

**Deuteranopia**  
16762718



**Tritanopia**  
8380401

# Trichromacy



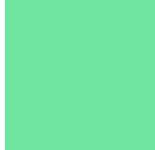
**Original Color**  
5500948



**Protanomaly**  
11787271

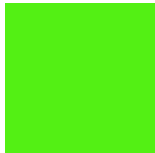


**Deuteranomaly**  
12637763

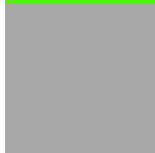


**Tritanomaly**  
7333281

# Monochromacy



**Original Color**  
5500948



**Achromatopsia**  
11053224



**Achromatomaly**  
9028210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5500948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #53F014 looks like.

```
.text, #text, p{  
    color:#53F014  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #53F014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53F014
}
```

## Border

The CSS property to change the border of an element to Decimal 5500948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53F014 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#53F014 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #53F014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53F014; -webkit-box-shadow:4px 4px  
4px 4px #53F014; box-shadow:4px 4px 4px  
4px #53F014 }
```

# Background

The CSS property to change the background color of an element to Decimal 5500948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53F014 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#53F014 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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