

Converting Colors

Decimal(5763648)

Have a look what the booklet for
Decimal(5763648) contains.

Decimal(5763648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5763648)

Conversions

Conversions Part 1

Format	Color
Hex	57F240
RGB	87, 242, 64
RGB Percent	34%, 95%, 25%
CMY	0.6588, 0.0510, 0.7490
CMYK	0.64, 0.00, 0.74, 0.05
HSL	112°, 87%, 60%
HSV	112°, 74%, 95%
XYZ	36.6080, 65.9007, 15.6411
YIQ	175.3630, -35.2420, -88.2180

Conversions

Conversions Part 2

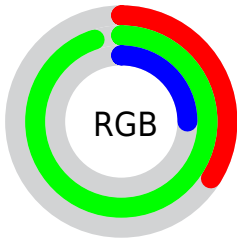
Format	Color
RYB	64, 242, 219
Decimal	5763648
CIELab	84.95, -71.32, 69.30
CIELCh	85, 99.445, 135.824
Yxy	65.9007, 0.3098, 0.5578
Android (android.graphics.Color)	4283953728 (0xFF57F240)
YUV	175.3630, -54.9020, -77.4944
Hunter-Lab	81.1792, -61.5685, 45.4018

Details

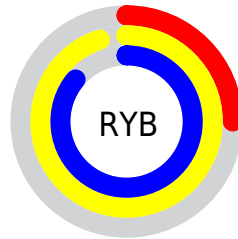
The Decimal color **5763648** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **14369010**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10092410**, and **47104** is the 20% darker color. If you saturate the color by 10%, you get **4387368**, and if you desaturate by 10%, it is **7139928**.

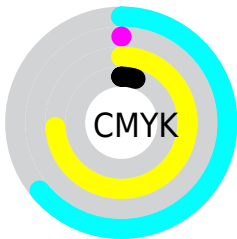
Distribution



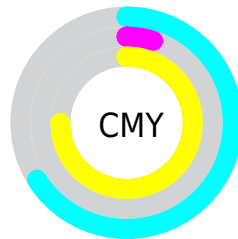
- Red (34%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (86%)



- Cyan (64%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (66%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5763648 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 5763648 by changing the saturation by 10% instead.

5763648

5763648

16777215

3003677

10092410

47104

12189591

40192

14221235

33024

16252881

26368

16777198

19712

13568

6656

0

■ 5763648

■ 5763648

■ 4387368

■ 7139928

■ 3011088

■ 8516208

■ 2093568

■ 9892489

■ 11268769

■ 12645049

■ 14021329

■ 15463145

■ 16773887

Harmonies

Analogous

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



13688576



5763648



64419

Triad

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



5763648



60671



16739751

Complementary

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



5763648



14369010

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.



16741631



5763648



5558015

Square

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



5763648



64255



16753407



16749646

Rectangle

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



5763648



65253



16753407



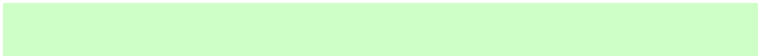
16738502

Sweetspot

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



5763648



13565895



15915584



6520926



0



8421504

Same Dimension

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



5763648



3997471



4256385



7174252



1619968



473088

Inverse Universe

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



14369010



14819327



15876273



7761016



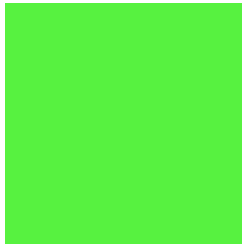
10485944



3211320

Previews

White Background



This preview shows how the Decimal color 5763648 looks on a white background.

Color Contrast Check

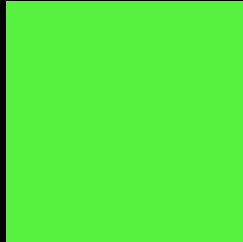
Large Text (above 18pt) WCAG AA × Fail

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 5763648 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

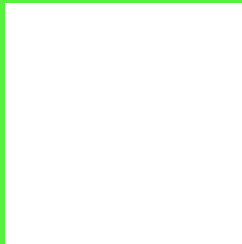
Any Text WCAG AAA ✓ Pass

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

Decimal 5763648 Background



This preview shows how black text looks on a background with the Decimal color 5763648.

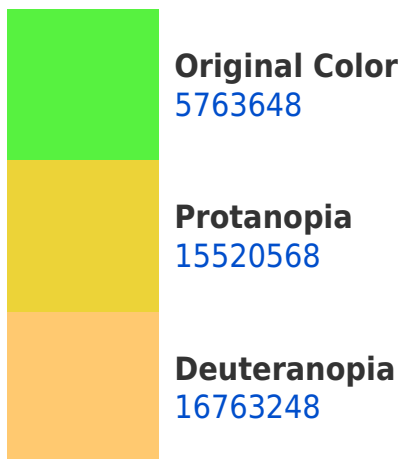


This preview shows how white text looks on a background with the Decimal color 5763648.

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





Tritanopia
8446708

Trichromacy



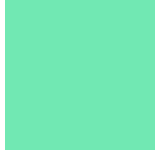
Original Color
5763648



Protanomaly
11984443

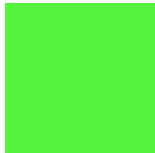


Deuteranomaly
12769375

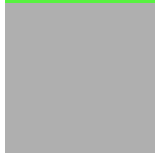


Tritanomaly
7465139

Monochromacy



Original Color
5763648



Achromatopsia
11513775



Achromatomaly
9422727

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5763648 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 #57F240 looks like.

```
.text, #text, p{  
    color:#57F240  
}
```

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 #57F240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57F240
}
```

Border

The CSS property to change the border of an element to Decimal 5763648 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
#57F240 }
```

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

```
.border{ border-color:#57F240 }
```

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

Here you see how a box with a 4 pixel #57F240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57F240; -webkit-box-shadow:4px 4px  
4px 4px #57F240; box-shadow:4px 4px 4px  
4px #57F240 }
```

Background

The CSS property to change the background color of an element to Decimal 5763648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57F240 }
```

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

```
.background{ background-color:#57F240 }
```

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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