

# Converting Colors

Decimal(5758985)

Have a look what the booklet for  
Decimal(5758985) contains.

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**Color**

**Decimal(5758985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57E009
RGB	87, 224, 9
RGB Percent	34%, 88%, 4%
CMY	0.6588, 0.1216, 0.9647
CMYK	0.61, 0.00, 0.96, 0.12
HSL	98°, 92%, 46%
HSV	98°, 96%, 88%
XYZ	30.6354, 55.3573, 9.3288
YIQ	158.5270, -12.6370, -95.9090

# Conversions

## Conversions Part 2

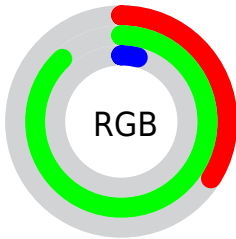
Format	Color
<a href="#">RYB</a>	<a href="#">9, 224, 146</a>
Decimal	<a href="#">5758985</a>
CIELab	<a href="#">79.25, -67.73, 76.05</a>
CIELCh	<a href="#">79, 101.835, 131.687</a>
Yxy	<a href="#">55.3573, 0.3214, 0.5807</a>
Android (android.graphics.Color)	<a href="#">4283949065</a> ( <a href="#">0xFF57E009</a> )
YUV	<a href="#">158.5270, -73.7168, -62.7292</a>
Hunter-Lab	<a href="#">74.4025, -56.7064, 44.6478</a>

# Details

The Decimal color **5758985** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9570784**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **10026841**, and **42752** is the 20% darker color. If you saturate the color by 10%, you get **5365760**, and if you desaturate by 10%, it is **6676511**.

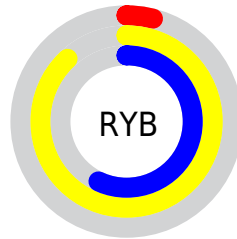
# Distribution



Red (34%)

Green (88%)

Blue (4%)



Red (4%)

Yellow (88%)

Blue (57%)

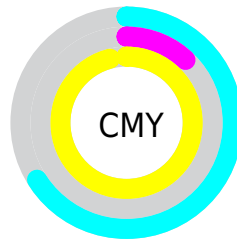


Cyan (61%)

Magenta (0%)

Yellow (96%)

Black (12%)



Cyan (66%)

Magenta (12%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5758985 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 5758985 by changing the saturation by 10% instead.





5758985



5758985

16777215



3195648



10026841



42752



12058486



35840



14090131



28928



16121776



22272



16777166



16128



16777195



9728



0



5758985



5758985

■ 5365760

■ 6676511

■ 7659574

■ 8577100

■ 9494627

■ 10412153

■ 11395215

■ 12312742

■ 13230268

■ 14147795

# Harmonies

## Analogous

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



13290496



5758985



60037

# Triad

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



5758985



57343



16731812

# Complementary

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



5758985



9570784

# 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.



16736767



5758985



50431

# Square

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



5758985



60415



16029695



16742984

# Rectangle

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



5758985



60871



16029695



16731075

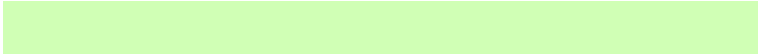


# Sweetspot

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



5758985



13696949



14717193



6520915



0



8421504



# Same Dimension

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



5758985



6160128



647206



6910053



4239360



1191936



# Inverse Universe

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



9570784



10617087



14682563



7103856



7340208

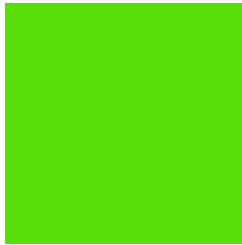


2031664



# Previews

## White Background



This preview shows how the Decimal color 5758985 looks on a white background.

## Color Contrast Check

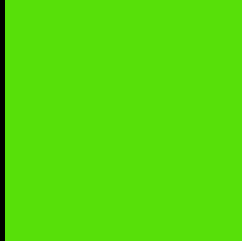
Large Text (above 18pt) WCAG AA × Fail

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 5758985 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

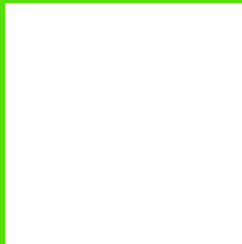
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5758985 Background



This preview shows how black text looks on a background with the Decimal color 5758985.

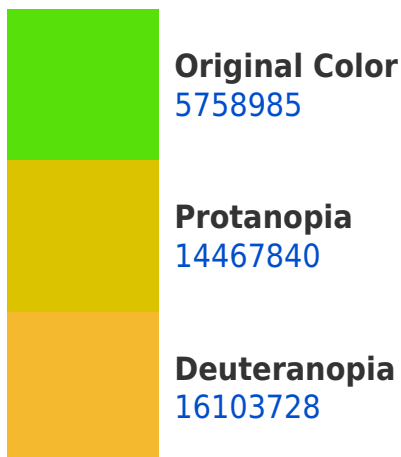


This preview shows how white text looks on a background with the Decimal color 5758985.

# 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](#).

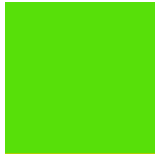
## Dichromacy





**Tritanopia**  
8179937

# Trichromacy



**Original Color**  
5758985



**Protanomaly**  
11324931



**Deuteranomaly**  
12371746



**Tritanomaly**  
7329426

# Monochromacy



**Original Color**  
5758985



**Achromatopsia**  
10461087



**Achromatomaly**  
8763240

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5758985 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 #57E009 looks like.

```
.text, #text, p{  
    color:#57E009  
}
```

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 #57E009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E009
}
```

## Border

The CSS property to change the border of an element to Decimal 5758985 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
#57E009 }
```

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

```
.border{ border-color:#57E009 }
```

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

Here you see how a box with a 4 pixel #57E009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E009; -webkit-box-shadow:4px 4px  
4px 4px #57E009; box-shadow:4px 4px 4px  
4px #57E009 }
```

# Background

The CSS property to change the background color of an element to Decimal 5758985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E009 }
```

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

```
.background{ background-color:#57E009 }
```

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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