

# Converting Colors

Decimal(5809741)

Have a look what the booklet for  
Decimal(5809741) contains.

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**Color**

**Decimal(5809741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58A64D
RGB	88, 166, 77
RGB Percent	35%, 65%, 30%
CMY	0.6549, 0.3490, 0.6980
CMYK	0.47, 0.00, 0.54, 0.35
HSL	113°, 37%, 48%
HSV	113°, 54%, 65%
XYZ	19.0003, 29.8830, 11.7877
YIQ	132.5320, -17.9190, -44.2150

# Conversions

## Conversions Part 2

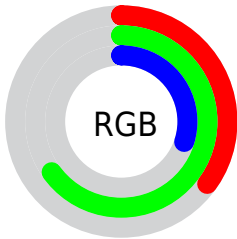
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 166, 155
Decimal	5809741
CIELab	61.55, -41.93, 38.39
CIElCh	62, 56.848, 137.519
Yxy	29.8830, 0.3132, 0.4925
Android (android.graphics.Color)	4283999821 (0xFF58A64D)
YUV	132.5320, -27.3773, -39.0546
Hunter-Lab	54.6653, -33.6222, 25.4807

# Details

The Decimal color **5809741** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10177958**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **9428608**, and **1995035** is the 20% darker color. If you saturate the color by 10%, you get **4826684**, and if you desaturate by 10%, it is **6792798**.

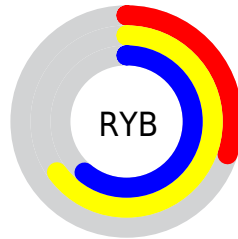
# Distribution



Red (35%)

Green (65%)

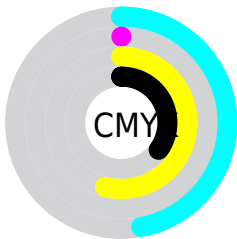
Blue (30%)



Red (30%)

Yellow (65%)

Blue (61%)

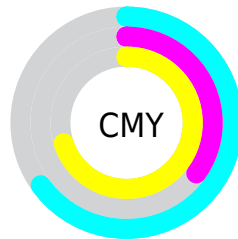


Cyan (47%)

Magenta (0%)

Yellow (54%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5809741 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 5809741 by changing the saturation by 10% instead.



 5809741

 5809741

16777215

 3967796

 9428608

 1995035

 11271067

 22528

 13107126

 16384

 15007698

 10752

 16777199

 2816

 0

 5809741

 5809741

 4826684

 6792798

■ 3909164

■ 7710318

■ 2926107

■ 8693375

■ 2008587

■ 9610895

■ 1418752

■ 10593952

■ 11511473

■ 12494529

■ 13412050

■ 14395106

# Harmonies

## Analogous

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



9673516



5809741



44157

# Triad

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



5809741



41207



15820921

# Complementary

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



5809741



10177958

# 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.



15100332



5809741



7311605

# Square

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



5809741



43742



12418009



14841676

# Rectangle

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



5809741



44448



12418009



15754890



# Sweetspot

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



5809741



12245430



10918477



5992025



15592941



7237230



# Same Dimension

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



5809741



6281550



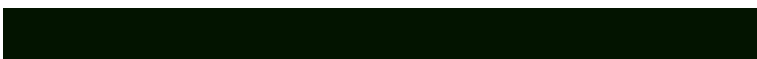
5088878



5067852



1217536



201728



# Inverse Universe

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



10177958



13127385



10898821



5459028



8519828



1179668



# Previews

## White Background



This preview shows how the Decimal color 5809741 looks on a white background.

## Color Contrast Check

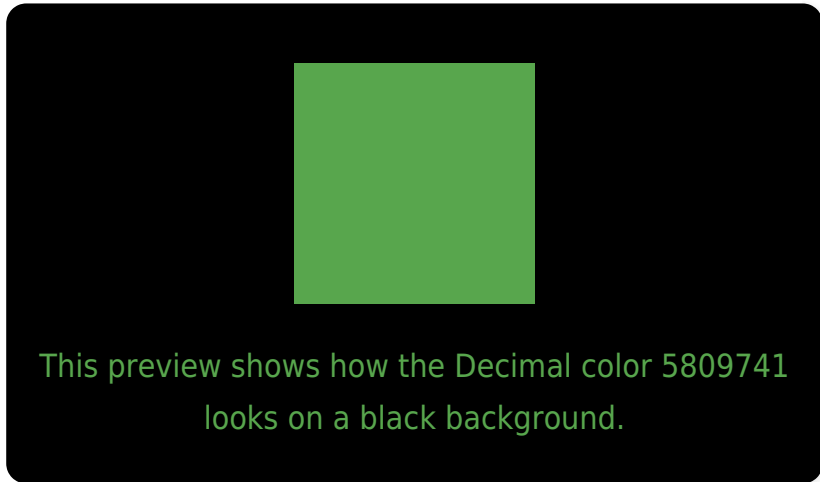
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



## Decimal 5809741 Background



This preview shows how black text looks on a background with the Decimal color 5809741.



This preview shows how white text looks on a background with the Decimal color 5809741.

# 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**  
5809741

**Protanopia**  
10785863

**Deuteranopia**  
11832660



**Tritanopia**  
6986921

# Trichromacy



**Original Color**  
5809741



**Protanomaly**  
8952649



**Deuteranomaly**  
9672273



**Tritanomaly**  
6529160

# Monochromacy



**Original Color**  
5809741



**Achromatopsia**  
8750469



**Achromatomaly**  
7704945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5809741 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 #58A64D looks like.

```
.text, #text, p{  
  color:#58A64D  
}
```

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 #58A64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A64D
}
```

## Border

The CSS property to change the border of an element to Decimal 5809741 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
#58A64D }
```

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

```
.border{ border-color:#58A64D }
```

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

Here you see how a box with a 4 pixel #58A64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A64D; -webkit-box-shadow:4px 4px  
4px 4px #58A64D; box-shadow:4px 4px 4px  
4px #58A64D }
```

# Background

The CSS property to change the background color of an element to Decimal 5809741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A64D }
```

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

```
.background{ background-color:#58A64D }
```

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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