

Converting Colors

Decimal(5809664)

Have a look what the booklet for
Decimal(5809664) contains.

Decimal(5809664)	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(5809664)

Conversions

Conversions Part 1

Format	Color
Hex	58A600
RGB	88, 166, 0
RGB Percent	35%, 65%, 0%
CMY	0.6549, 0.3490, 1.0000
CMYK	0.47, 0.00, 1.00, 0.35
HSL	88°, 100%, 33%
HSV	88°, 100%, 65%
XYZ	17.6607, 29.3471, 4.7337
YIQ	123.7540, 6.7980, -68.1620

Conversions

Conversions Part 2

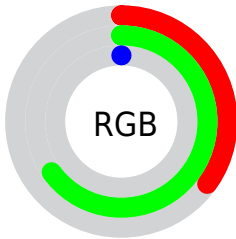
Format	Color
RYB	0, 166, 78
Decimal	5809664
CIELab	61.09, -46.95, 62.58
CIElCh	61, 78.239, 126.880
Yxy	29.3471, 0.3413, 0.5672
Android (android.graphics.Color)	4283999744 (0xFF58A600)
YUV	123.7540, -61.0107, -31.3563
Hunter-Lab	54.1730, -36.6107, 32.7402

Details

The Decimal color **5809664** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5111974**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9559626**, and **1536256** is the 20% darker color. If you saturate the color by 10%, you get **5809664**, and if you desaturate by 10%, it is **6333969**.

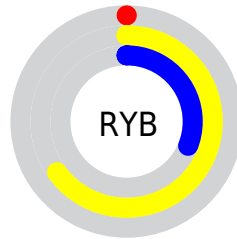
Distribution



Red (35%)

Green (65%)

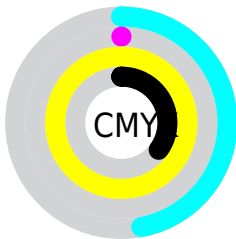
Blue (0%)



Red (0%)

Yellow (65%)

Blue (31%)

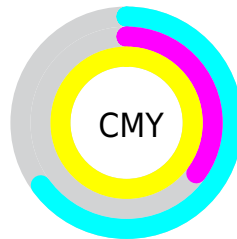


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (65%)



















Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5809664 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 5809664 by changing the saturation by 10% instead.

 5809664	 5809664
 16777215	 3836672
 9559626	 1536256
 11467621	 22528
 13369217	 16384
 15335325	 11008
 16777145	 1792
 16777174	 0
 16777203	
 5809664	

■ 6333969

■ 6858273

■ 7317042

■ 7841346

■ 8365651

■ 8889956

■ 9414260

■ 9873029

■ 10397333

Harmonies

Analogous

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



10720768



5809664



44890

Triad

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



5809664



43519



16728455

Complementary

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



5809664



5111974

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.



15815883



5809664



38911

Square

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



5809664



45541



10975743



16734532

Rectangle

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



5809664



45450



10975743



16728990

Sweetspot

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



5809664



12245400



10898688



5992006



15592941



7237230

Same Dimension

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



5809664



7592192



435712



5264460



5149696



726016

Inverse Universe

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



5111974



6684889



10485926



5262420



4522132



655380

Previews

White Background



This preview shows how the Decimal color 5809664 looks on a white background.

Color Contrast Check

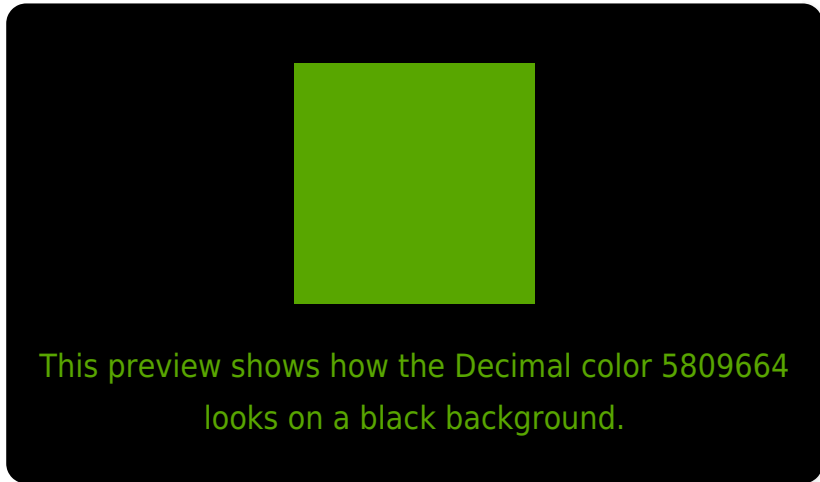
Large Text (above 18pt) WCAG AA ✓ Pass

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 5809664 Background



This preview shows how black text looks on a background with the Decimal color 5809664.



This preview shows how white text looks on a background with the Decimal color 5809664.

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
5809664

Protanopia
10851072

Deuteranopia
12159778



Tritanopia
7183015

Trichromacy



Original Color
5809664

Protanomaly
9017856

Deuteranomaly
9868566

Tritanomaly
6659690

Monochromacy



Original Color
5809664

Achromatopsia
8158332

Achromatomaly
7310159

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5809664 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 #58A600 looks like.

```
.text, #text, p{  
    color:#58A600  
}
```

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 #58A600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A600
}
```

Border

The CSS property to change the border of an element to Decimal 5809664 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
#58A600 }
```

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

```
.border{ border-color:#58A600 }
```

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

Here you see how a box with a 4 pixel #58A600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A600; -webkit-box-shadow:4px 4px  
4px 4px #58A600; box-shadow:4px 4px 4px  
4px #58A600 }
```

Background

The CSS property to change the background color of an element to Decimal 5809664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A600 }
```

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

```
.background{ background-color:#58A600 }
```

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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