

Converting Colors

Hex(57C00C)

Have a look what the booklet for
Hex(57C00C) contains.

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Color

Hex(57C00C)

Conversions

Conversions Part 1

Format	Color
Hex	57C00C
RGB	87, 192, 12
RGB Percent	34%, 75%, 5%
CMY	0.6588, 0.2471, 0.9529
CMYK	0.55, 0.00, 0.94, 0.25
HSL	95°, 88%, 40%
HSV	95°, 94%, 75%
XYZ	22.8465, 39.7521, 6.8166
YIQ	140.0850, -4.8000, -78.2400

Conversions

Conversions Part 2

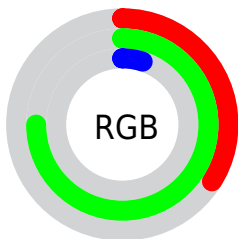
Format	Color
RYB	12, 192, 117
Decimal	5750796
CIELab	69.29, -56.76, 67.64
CIELCh	69, 88.300, 130.000
Yxy	39.7521, 0.3291, 0.5727
Android (android.graphics.Color)	4283940876 (0xFF57C00C)
YUV	140.0850, -63.1459, -46.5555
Hunter-Lab	63.0492, -45.6550, 37.7243

Details

The Hex color **57C00C** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **750CC0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **93F953**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **50C000**, and if you desaturate by 10%, it is **62C01F**.

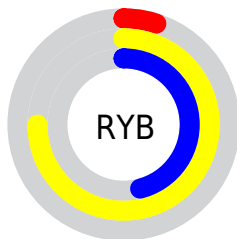
Distribution



Red (34%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (46%)

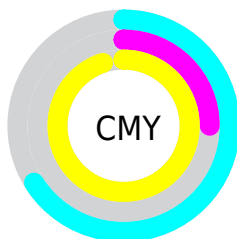


Cyan (55%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (66%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C00C 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 Hex color 57C00C by changing the saturation by 10% instead.

 57C00C

 57C00C

FFFFFF

 36A400

 93F953

 008900

 B1FF6F

 006F00

 CFFF8C

 005600

 EDFFA8

 003D00

 FFFFC5

 002600

 FFFFE2

 000000

 57C00C

 57C00C

 50C000

 62C01F

 6DC032

 79C046

 84C059

 8FC06C

 9AC07F

 A5C092

 B1C0A6

 BCC0B9

Harmonies

Analogous

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



B3AE00



57C00C



00C96F

Triad

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



57C00C



00C1FF



FF4992

Complementary

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



57C00C



750CC0

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.



FF5AE2



57C00C



00AAFF

Square

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



57C00C



00CBFF



CC86FF



FF6945

Rectangle

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



57C00C



00CCA7



CC86FF



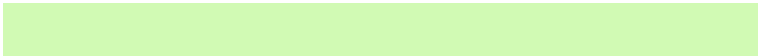
FF48AD

Sweetspot

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



57C00C



D1FAB4



C0750C



647D52



FCFCFC



7D7D7D

Same Dimension

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



57C00C



68FA00



0CC01B



5B6157



43A100



0E2100

Inverse Universe

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



750CC0



9200FA



C00CB1



5D5761



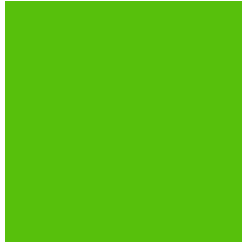
5E00A1



130021

Previews

White Background



This preview shows how the Hex color 57C00C looks on a white background.

Color Contrast Check

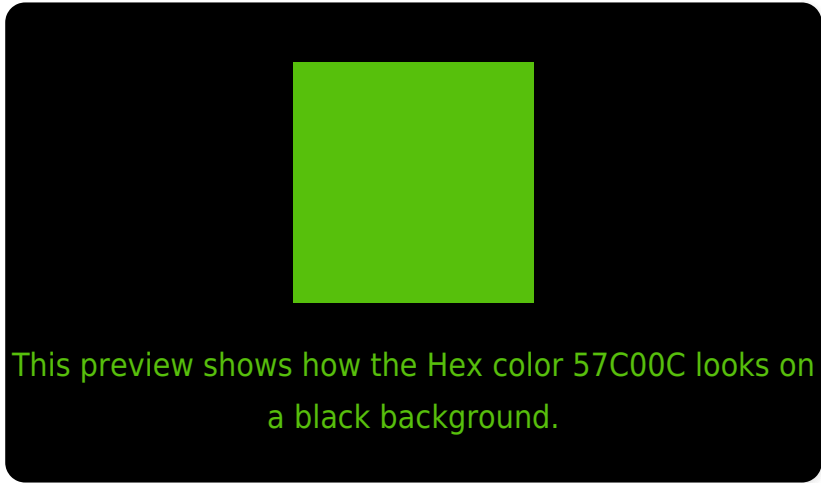
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex 57C00C Background



This preview shows how black text looks on a background with the Hex color 57C00C.

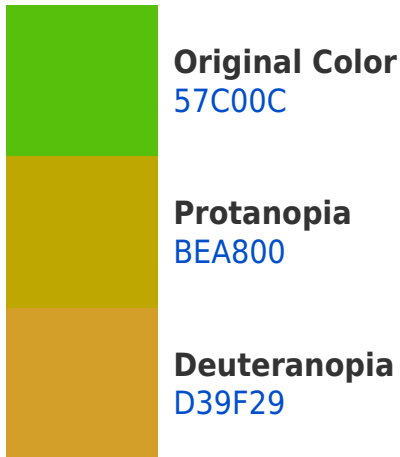


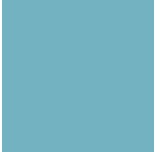
This preview shows how white text looks on a background with the Hex color 57C00C.

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
73B2C1

Trichromacy



Original Color
57C00C



Protanomaly
99B104



Deuteranomaly
A6AB1E



Tritanomaly
69B77F

Monochromacy



Original Color
57C00C



Achromatopsia
8C8C8C



Achromatomaly
799F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C00C 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 #57C00C looks like.

```
.text, #text, p{  
    color:#57C00C  
}
```

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 #57C00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C00C
}
```

Border

The CSS property to change the border of an element to Hex 57C00C 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
#57C00C }
```

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

```
.border{ border-color:#57C00C }
```

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

Here you see how a box with a 4 pixel #57C00C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C00C; -webkit-box-shadow:4px 4px  
4px 4px #57C00C; box-shadow:4px 4px 4px  
4px #57C00C }
```

Background

The CSS property to change the background color of an element to Hex 57C00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C00C }
```

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

```
.background{ background-color:#57C00C }
```

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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