

Converting Colors

Hex(57C034)

Have a look what the booklet for
Hex(57C034) contains.

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Color

Hex(57C034)

Conversions

Conversions Part 1

Format	Color
Hex	57C034
RGB	87, 192, 52
RGB Percent	34%, 75%, 20%
CMY	0.6588, 0.2471, 0.7961
CMYK	0.55, 0.00, 0.73, 0.25
HSL	105°, 57%, 48%
HSV	105°, 73%, 75%
XYZ	23.4000, 39.9734, 9.7312
YIQ	144.6450, -17.6400, -65.8000

Conversions

Conversions Part 2

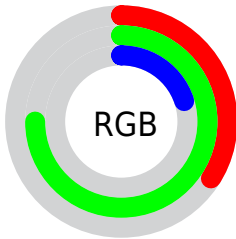
Format	Color
RYB	52, 192, 157
Decimal	5750836
CIELab	69.45, -54.95, 57.91
CIElCh	69, 79.830, 133.497
Yxy	39.9734, 0.3201, 0.5468
Android (android.graphics.Color)	4283940916 (0xFF57C034)
YUV	144.6450, -45.6740, -50.5547
Hunter-Lab	63.2246, -44.5786, 35.1316

Details

The Hex color **57C034** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **9D34C0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **92F96B**, and **058900** is the 20% darker color. If you saturate the color by 10%, you get **49C021**, and if you desaturate by 10%, it is **65C047**.

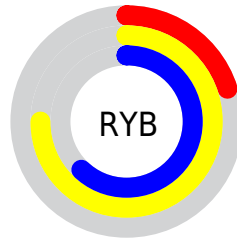
Distribution



Red (34%)

Green (75%)

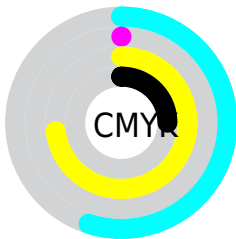
Blue (20%)



Red (20%)

Yellow (75%)

Blue (62%)

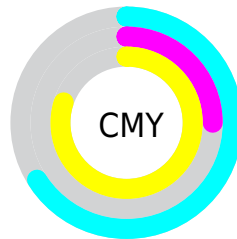


Cyan (55%)

Magenta (0%)

Yellow (73%)

Black (25%)



Cyan (66%)

Magenta (25%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C034 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 57C034 by changing the saturation by 10% instead.

 57C034

 57C034


FFFFFF

 37A413

 92F96B

 058900

 AFFF86

 006F00

 CDFFA2

 005600

 EBFFBE

 003D00

 FFFFDB

 002600

 FFFFF8

 000000

 57C034

 57C034

 49C021

 65C047

 3AC00E

 74C05A

 30C000

 82C06E

 91C081

 9FC094

 ADC0A7

 BCC0BA

 CAC0CE

 D9C0E1

Harmonies

Analogous

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



ADB000



57C034



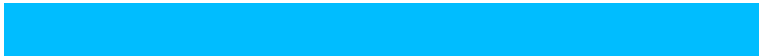
00C87E

Triad

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



57C034



00BDFE



FF5D8C

Complementary

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



57C034



9D34C0

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.



FF65D5



57C034



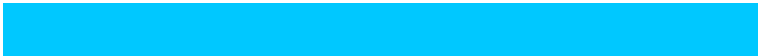
39A7FF

Square

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



57C034



00C8FF



D586FF



FF7748

Rectangle

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



57C034



00CAB0



D586FF



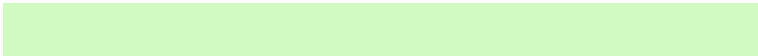
FF5BA4

Sweetspot

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



57C034



D1FAC3



C09D34



657D5C



FCFCFC



7D7D7D

Same Dimension

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



57C034



55FA1E



34C057



5A6157



28A100



082100

Inverse Universe

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



9D34C0



C31EFA



C0349D



5E5761



7800A1



190021

Previews

White Background



This preview shows how the Hex color 57C034 looks on a white background.

Color Contrast Check

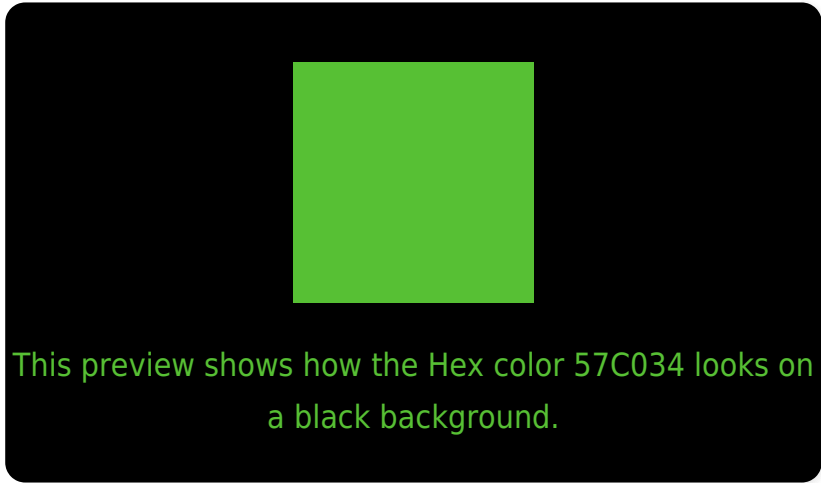
Large Text (above 18pt) WCAG AA × Fail

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 57C034 Background



This preview shows how black text looks on a background with the Hex color 57C034.

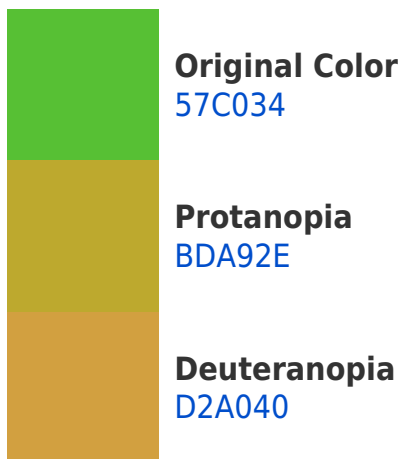


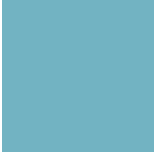
This preview shows how white text looks on a background with the Hex color 57C034.

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](#).

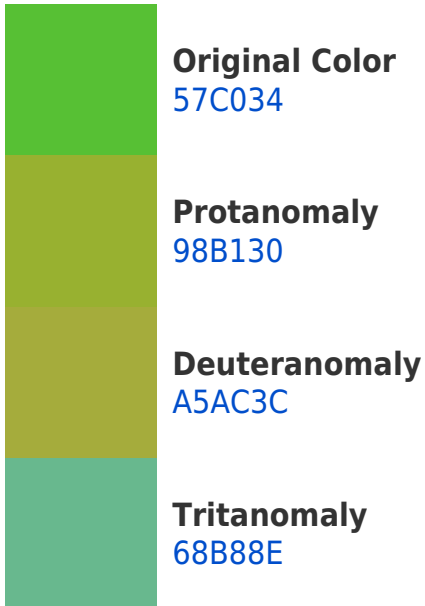
Dichromacy



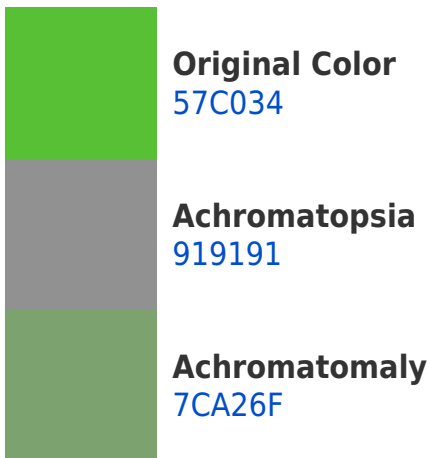


Tritanopia
72B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57C034 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 #57C034 looks like.

```
.text, #text, p{  
    color:#57C034  
}
```

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 #57C034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C034
}
```

Border

The CSS property to change the border of an element to Hex 57C034 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
#57C034 }
```

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

```
.border{ border-color:#57C034 }
```

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

Here you see how a box with a 4 pixel #57C034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C034; -webkit-box-shadow:4px 4px  
4px 4px #57C034; box-shadow:4px 4px 4px  
4px #57C034 }
```

Background

The CSS property to change the background color of an element to Hex 57C034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C034 }
```

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

```
.background{ background-color:#57C034 }
```

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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