

Converting Colors

Hex(50C034)

Have a look what the booklet for
Hex(50C034) contains.

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Color

Hex(50C034)

Conversions

Conversions Part 1

Format	Color
Hex	50C034
RGB	80, 192, 52
RGB Percent	31%, 75%, 20%
CMY	0.6863, 0.2471, 0.7961
CMYK	0.58, 0.00, 0.73, 0.25
HSL	108°, 57%, 48%
HSV	108°, 73%, 75%
XYZ	22.7777, 39.6527, 9.7020
YIQ	142.5520, -21.8120, -67.2840

Conversions

Conversions Part 2

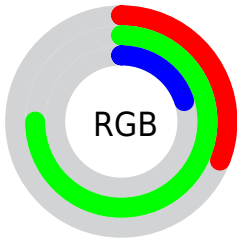
Format	Color
RYB	52, 192, 164
Decimal	5292084
CIELab	69.22, -56.76, 57.60
CIELCh	69, 80.871, 134.579
Yxy	39.6527, 0.3158, 0.5497
Android (android.graphics.Color)	4283482164 (0xFF50C034)
YUV	142.5520, -44.6421, -54.8581
Hunter-Lab	62.9704, -45.6309, 34.9443

Details

The Hex color **50C034** 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 **A434C0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8CF96B**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **41C021**, and if you desaturate by 10%, it is **5FC047**.

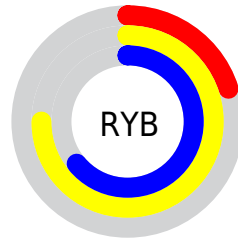
Distribution



Red (31%)

Green (75%)

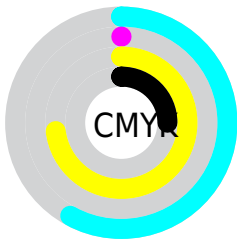
Blue (20%)



Red (20%)

Yellow (75%)

Blue (64%)

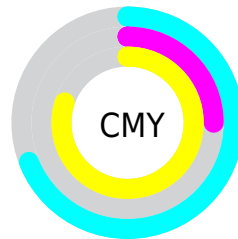


Cyan (58%)

Magenta (0%)

Yellow (73%)

Black (25%)



Cyan (69%)

Magenta (25%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C034 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 50C034 by changing the saturation by 10% instead.

 50C034

 50C034

FFFFFF

 2EA413

 8CF96B

 008900

 AAFF86

 006F00

 C7FFA2

 005500

 E5FFBE

 003D00

 FFFFDB

 002600

 FFFFF8

 000000

 50C034

 50C034

 41C021

 5FC047

 31C00E

 6FC05A

 26C000

 7EC06E

 8DC081

 9DC094

 ACC0A7

 BCC0BA

 CBC0CE

 DAC0E1

Harmonies

Analogous

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



A9B100



50C034



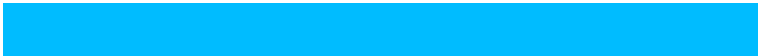
00C87F

Triad

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



50C034



00BCFF



FF5A89

Complementary

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



50C034



A434C0

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.



FF61D2



50C034



40A6FF

Square

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



50C034



00C7FF



D884FF



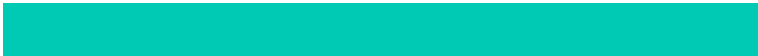
FF7644

Rectangle

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



50C034



00CAB3



D884FF



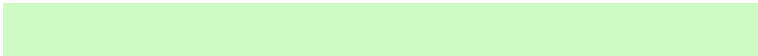
FF58A1

Sweetspot

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



50C034



CEFAC3



C0A434



637D5C



FCFCFC



7D7D7D

Same Dimension

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



50C034



4AFA1E



34C05E



596157



20A100



072100

Inverse Universe

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



A434C0



CE1EFA



C03496



5F5761



8100A1



1B0021

Previews

White Background



This preview shows how the Hex color 50C034 looks on a white background.

Color Contrast Check

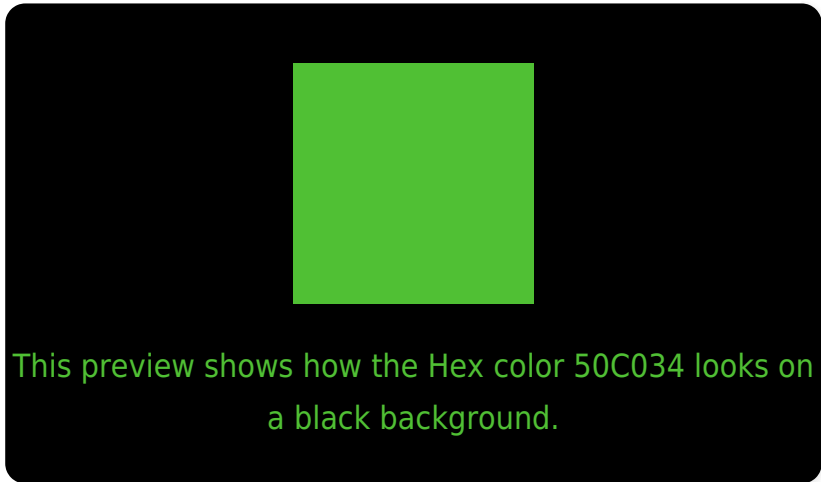
Large Text (above 18pt) WCAG AA × Fail

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 50C034 Background



This preview shows how black text looks on a background with the Hex color 50C034.

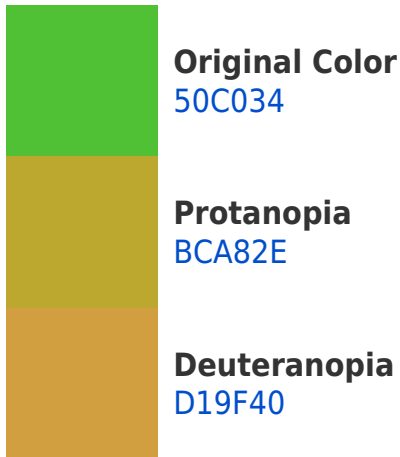


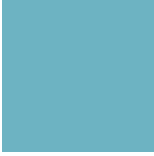
This preview shows how white text looks on a background with the Hex color 50C034.

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
6DB3C2

Trichromacy



Original Color
50C034



Protanomaly
95B130



Deuteranomaly
A2AB3C



Tritanomaly
62B88E

Monochromacy



Original Color
50C034



Achromatopsia
8F8F8F



Achromatomaly
78A16E

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C034 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 #50C034 looks like.

```
.text, #text, p{  
    color:#50C034  
}
```

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 #50C034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C034
}
```

Border

The CSS property to change the border of an element to Hex 50C034 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
#50C034 }
```

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

```
.border{ border-color:#50C034 }
```

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

Here you see how a box with a 4 pixel #50C034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C034; -webkit-box-shadow:4px 4px  
4px 4px #50C034; box-shadow:4px 4px 4px  
4px #50C034 }
```

Background

The CSS property to change the background color of an element to Hex 50C034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C034 }
```

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

```
.background{ background-color:#50C034 }
```

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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