

# Converting Colors

Hex(5CC61C)

Have a look what the booklet for  
Hex(5CC61C) contains.

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**Color**

**Hex(5CC61C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CC61C
RGB	92, 198, 28
RGB Percent	36%, 78%, 11%
CMY	0.6392, 0.2235, 0.8902
CMYK	0.54, 0.00, 0.86, 0.22
HSL	97°, 75%, 44%
HSV	97°, 86%, 78%
XYZ	24.8173, 42.7473, 8.0417
YIQ	146.9260, -8.6060, -75.3420

# Conversions

## Conversions Part 2

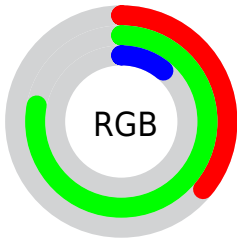
Format	Color
<a href="#">RYB</a>	<a href="#">28, 198, 134</a>
Decimal	<a href="#">6080028</a>
CIELab	<a href="#">71.38, -57.07, 66.75</a>
CIELCh	<a href="#">71, 87.823, 130.533</a>
Yxy	<a href="#">42.7473, 0.3282, 0.5654</a>
Android (android.graphics.Color)	<a href="#">4284270108 (0xFF5CC61C)</a>
YUV	<a href="#">146.9260, -58.6305, -48.1701</a>
Hunter-Lab	<a href="#">65.3814, -46.6629, 38.4746</a>

# Details

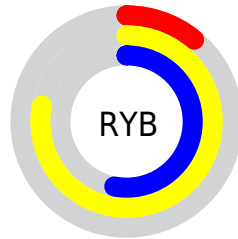
The Hex color **5CC61C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **861CC6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **98FF5B**, and **0C8F00** is the 20% darker color. If you saturate the color by 10%, you get **50C608**, and if you desaturate by 10%, it is **68C630**.

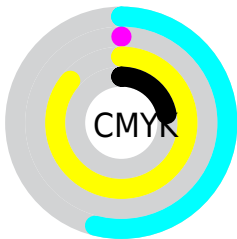
# Distribution



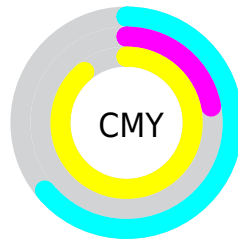
- Red (36%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (53%)



- Cyan (54%)
- Magenta (0%)
- Yellow (86%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CC61C 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 5CC61C by changing the saturation by 10% instead.



 5CC61C

 5CC61C

FFFFFF

 3BAA00

 98FF5B

 0C8F00

 B6FF77

 007500

 D4FF94

 005B00

 F2FFB0

 004200

 FFFFCD

 002C00

 FFFFEA

 000900

 000000

 5CC61C

 5CC61C

 50C608

 68C630

 4BC600

 75C644

 81C657

 8DC66B

 9AC67F

 A6C693

 B2C6A7

 BFC6BA

 CBC6CE

# Harmonies

## Analogous

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



B8B400



5CC61C



00CF76

# Triad

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



5CC61C



00C6FF



FF5296

# Complementary

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



5CC61C



861CC6

# 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.



FF61E6



5CC61C



00AFFF

# Square

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



5CC61C



00D0FF



D48BFF



FF714A

# Rectangle

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



5CC61C



00D2AE



D48BFF



FF51B1

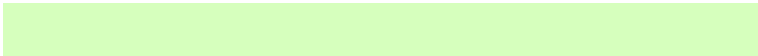


# Sweetspot

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



5CC61C



D6FFBD



C6851C



678058



000000



808080



# Same Dimension

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



5CC61C



60FF00



1CC630



5D635A



3DA300



0D2400



# Inverse Universe

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



861CC6



9F00FF



C61CB2



605A63



6600A3



160024



# Previews

## White Background



This preview shows how the Hex color 5CC61C looks on a white background.

## Color Contrast Check

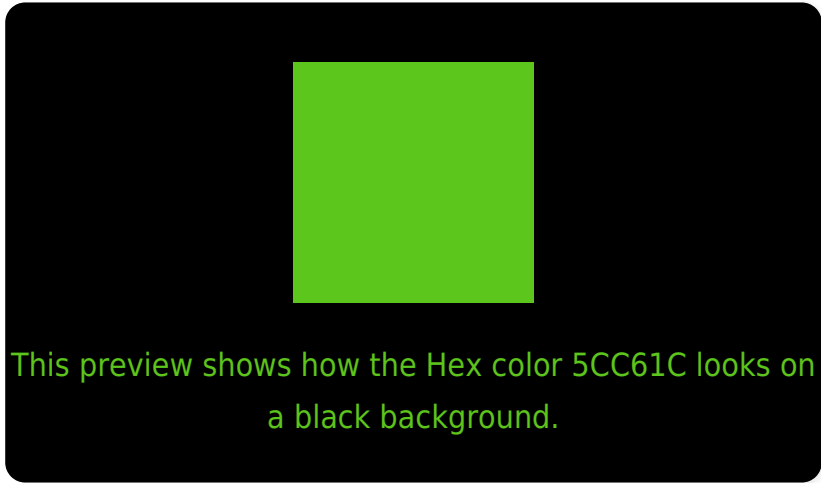
Large Text (above 18pt) WCAG AA × Fail

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 5CC61C Background



This preview shows how black text looks on a background with the Hex color 5CC61C.



This preview shows how white text looks on a background with the Hex color 5CC61C.

# 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](#).

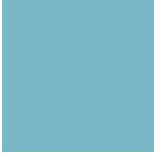
## Dichromacy



**Original Color**  
5CC61C

**Protanopia**  
C4AE14

**Deuteranopia**  
DAA530



**Tritanopia**  
78B8C7

# Trichromacy



**Original Color**  
5CC61C



**Protanomaly**  
9EB717



**Deuteranomaly**  
ACB129



**Tritanomaly**  
6EBD89

# Monochromacy



**Original Color**  
5CC61C



**Achromatopsia**  
939393



**Achromatomaly**  
7FA668

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CC61C 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 #5CC61C looks like.

```
.text, #text, p{  
    color:#5CC61C  
}
```

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 #5CC61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC61C
}
```

## Border

The CSS property to change the border of an element to Hex 5CC61C 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
#5CC61C }
```

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

```
.border{ border-color:#5CC61C }
```

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

Here you see how a box with a 4 pixel #5CC61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC61C; -webkit-box-shadow:4px 4px  
4px 4px #5CC61C; box-shadow:4px 4px 4px  
4px #5CC61C }
```

# Background

The CSS property to change the background color of an element to Hex 5CC61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC61C }
```

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

```
.background{ background-color:#5CC61C }
```

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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