

# Converting Colors

Hex(54C10F)

Have a look what the booklet for  
Hex(54C10F) contains.

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**Color**

**Hex(54C10F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54C10F
RGB	84, 193, 15
RGB Percent	33%, 76%, 6%
CMY	0.6706, 0.2431, 0.9412
CMYK	0.56, 0.00, 0.92, 0.24
HSL	97°, 86%, 41%
HSV	97°, 92%, 76%
XYZ	22.8123, 40.0592, 6.9818
YIQ	140.1170, -7.8260, -78.4660

# Conversions

## Conversions Part 2

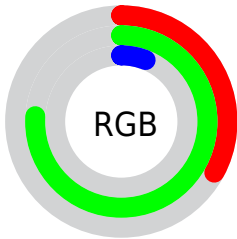
Format	Color
<a href="#">RYB</a>	<a href="#">15, 193, 124</a>
Decimal	<a href="#">5554447</a>
CIELab	<a href="#">69.51, -57.86, 67.38</a>
CIELCh	<a href="#">70, 88.814, 130.650</a>
Yxy	<a href="#">40.0592, 0.3266, 0.5735</a>
Android (android.graphics.Color)	<a href="#">4283744527 (0xFF54C10F)</a>
YUV	<a href="#">140.1170, -61.6827, -49.2146</a>
Hunter-Lab	<a href="#">63.2924, -46.4252, 37.7643</a>

# Details

The Hex color **54C10F** 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 **7C0FC1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **91FA54**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **4BC100**, and if you desaturate by 10%, it is **60C122**.

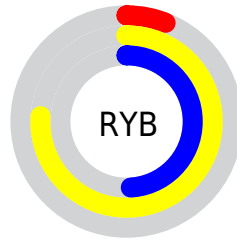
# Distribution



Red (33%)

Green (76%)

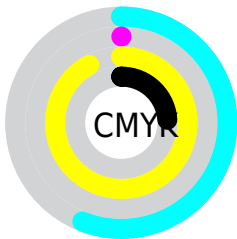
Blue (6%)



Red (6%)

Yellow (76%)

Blue (49%)

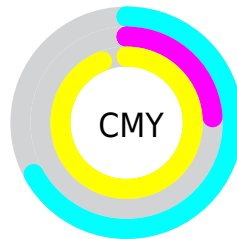


Cyan (56%)

Magenta (0%)

Yellow (92%)

Black (24%)



Cyan (67%)

Magenta (24%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54C10F 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 54C10F by changing the saturation by 10% instead.



 54C10F

 54C10F

FFFFFF

 32A500

 91FA54

 008A00

 AFFF71

 007000

 CDFF8D

 005600

 EBFFA9

 003E00

 FFFFC6

 002700

 FFFF E3

 000000

 54C10F

 54C10F

 4BC100

 60C122

 6CC136

 77C149

 83C15C

 8FC170

 9BC183

 A7C196

 B3C1A9

 BEC1BD

# Harmonies

## Analogous

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



B2AF00



54C10F



00CA71

# Triad

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



54C10F



00C1FF



FF4991

# Complementary

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



54C10F



7C0FC1

# 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.



FF59E1



54C10F



00AAFF

# Square

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



54C10F



00CBFF



CF85FF



FF6A43

# Rectangle

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



54C10F



00CDA9



CF85FF



FF48AC

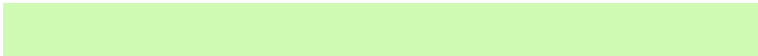


# Sweetspot

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



54C10F



CFFAB4



C17A0F



637D52



FCFCFC



7D7D7D



# Same Dimension

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



54C10F



61FA00



0FC121



5B6157



3EA100



0D2100



# Inverse Universe

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



7C0FC1



9900FA



C10FAF



5D5761



6200A1



140021



# Previews

## White Background



This preview shows how the Hex color 54C10F looks on a white background.

## Color Contrast Check

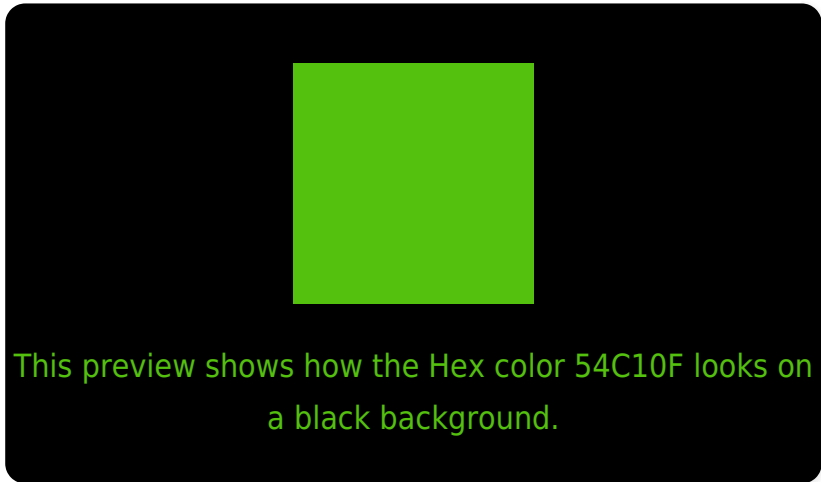
Large Text (above 18pt) WCAG AA × Fail

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 54C10F Background



This preview shows how black text looks on a background with the Hex color 54C10F.

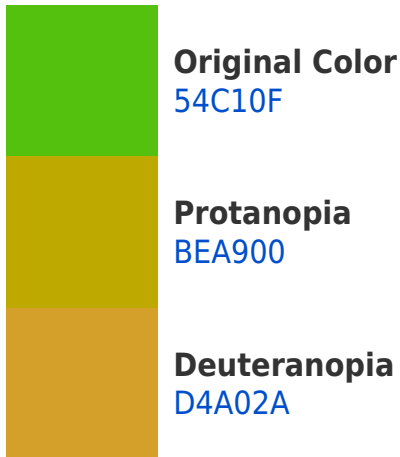


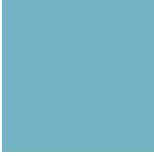
This preview shows how white text looks on a background with the Hex color 54C10F.

# 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**  
71B3C2

# Trichromacy



**Original Color**  
54C10F



**Protanomaly**  
97B205



**Deuteranomaly**  
A5AC20



**Tritanomaly**  
66B881

# Monochromacy



**Original Color**  
54C10F



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
789F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54C10F 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 #54C10F looks like.

```
.text, #text, p{  
    color:#54C10F  
}
```

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 #54C10F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54C10F
}
```

## Border

The CSS property to change the border of an element to Hex 54C10F 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".

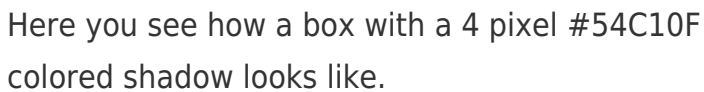
```
.border, #border, table{ border:4px solid
#54C10F }
```

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

```
.border{ border-color:#54C10F }
```

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

Here you see how a box with a 4 pixel #54C10F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54C10F; -webkit-box-shadow:4px 4px  
4px 4px #54C10F; box-shadow:4px 4px 4px  
4px #54C10F }
```

# Background

The CSS property to change the background color of an element to Hex 54C10F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54C10F }
```

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

```
.background{ background-color:#54C10F }
```

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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