

Converting Colors

Hex(4FC10C)

Have a look what the booklet for
Hex(4FC10C) contains.

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Color

Hex(4FC10C)

Conversions

Conversions Part 1

Format	Color
Hex	4FC10C
RGB	79, 193, 12
RGB Percent	31%, 76%, 5%
CMY	0.6902, 0.2431, 0.9529
CMYK	0.59, 0.00, 0.94, 0.24
HSL	98°, 88%, 40%
HSV	98°, 94%, 76%
XYZ	22.3608, 39.8287, 6.8570
YIQ	138.2800, -9.8430, -80.4590

Conversions

Conversions Part 2

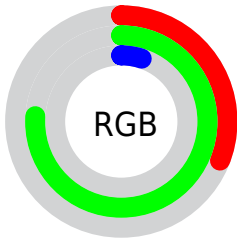
Format	Color
RYB	12, 193, 126
Decimal	5226764
CIELab	69.35, -59.21, 67.58
CIELCh	69, 89.851, 131.224
Yxy	39.8287, 0.3239, 0.5768
Android (android.graphics.Color)	4283416844 (0xFF4FC10C)
YUV	138.2800, -62.2560, -51.9886
Hunter-Lab	63.1100, -47.1974, 37.7351

Details

The Hex color **4FC10C** 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 **7E0CC1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8DFA53**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **47C100**, and if you desaturate by 10%, it is **5BC11F**.

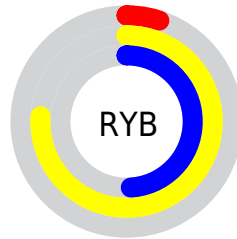
Distribution



Red (31%)

Green (76%)

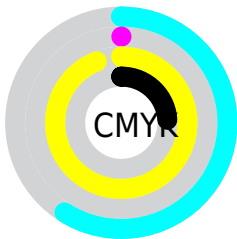
Blue (5%)



Red (5%)

Yellow (76%)

Blue (49%)

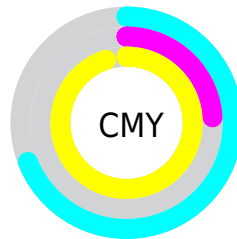


Cyan (59%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (69%)

Magenta (24%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC10C 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 4FC10C by changing the saturation by 10% instead.



4FC10C



4FC10C

FFFFFF



2BA500



8DFA53



008A00



ABFF70



007000



C9FF8C



005600



E7FFA8



003D00



FFFFC5



002600



FFFFE2



000000



4FC10C



4FC10C



47C100



5BC11F

 67C133

 73C146

 80C159

 8CC16D

 98C180

 A4C193

 B0C1A6

 BCC1BA

Harmonies

Analogous

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



B0AF00



4FC10C



00CA71

Triad

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



4FC10C



00C1FF



FF468E

Complementary

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



4FC10C



7E0CC1

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.



FF56E0



4FC10C



00A9FF

Square

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



4FC10C



00CBFF



D184FF



FF6940

Rectangle

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



4FC10C



00CDAA



D184FF



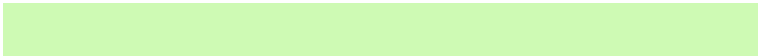
FF44AA

Sweetspot

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



4FC10C



CEFAB4



C17C0C



627D52



FCFCFC



7D7D7D

Same Dimension

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



4FC10C



5DFA00



0CC121



5B6157



3BA100



0C2100

Inverse Universe

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



7E0CC1



9D00FA



C10CAC



5D5761



6500A1



150021

Previews

White Background



This preview shows how the Hex color 4FC10C looks on a white background.

Color Contrast Check

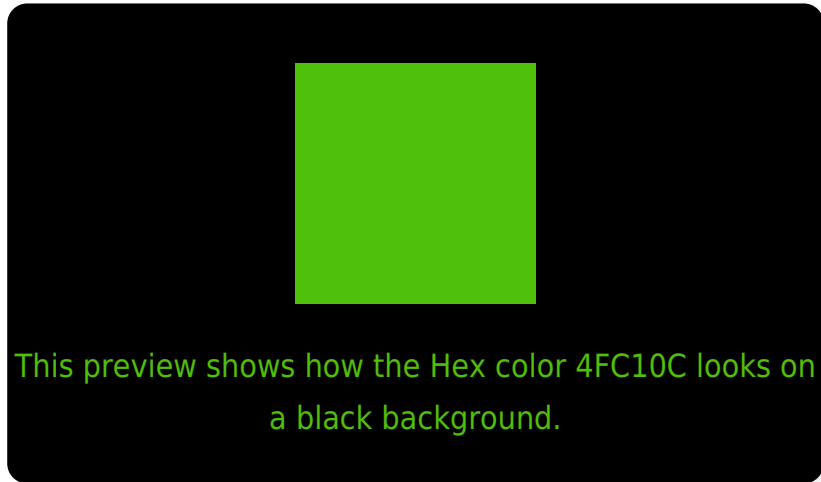
Large Text (above 18pt) WCAG AA × Fail

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 4FC10C Background



This preview shows how black text looks on a background with the Hex color 4FC10C.

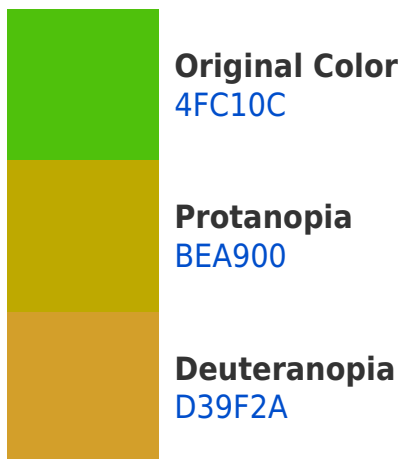


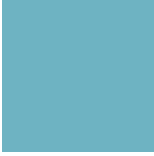
This preview shows how white text looks on a background with the Hex color 4FC10C.

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](#).

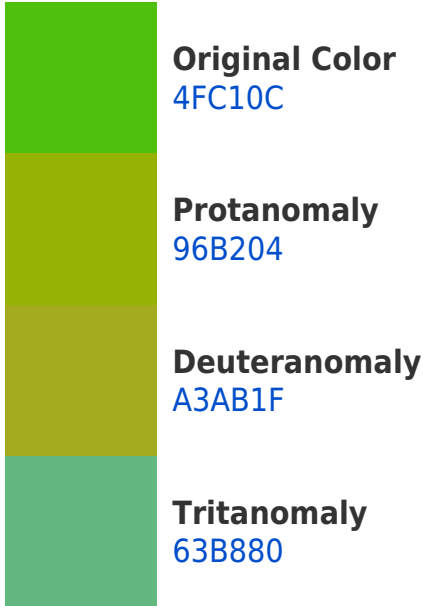
Dichromacy



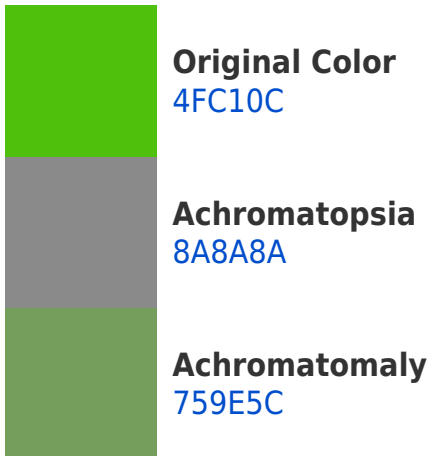


Tritanopia
6EB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC10C 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 #4FC10C looks like.

```
.text, #text, p{  
    color:#4FC10C  
}
```

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 #4FC10C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC10C
}
```

Border

The CSS property to change the border of an element to Hex 4FC10C 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
#4FC10C }
```

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

```
.border{ border-color:#4FC10C }
```

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

Here you see how a box with a 4 pixel #4FC10C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC10C; -webkit-box-shadow:4px 4px  
4px 4px #4FC10C; box-shadow:4px 4px 4px  
4px #4FC10C }
```

Background

The CSS property to change the background color of an element to Hex 4FC10C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC10C }
```

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

```
.background{ background-color:#4FC10C }
```

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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