

# Converting Colors

Hex(C0F048)

Have a look what the booklet for  
Hex(C0F048) contains.

<b>Hex(C0F048)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C0F048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0F048
RGB	192, 240, 72
RGB Percent	75%, 94%, 28%
CMY	0.2471, 0.0588, 0.7176
CMYK	0.20, 0.00, 0.70, 0.06
HSL	77°, 85%, 61%
HSV	77°, 70%, 94%
XYZ	54.0680, 73.9945, 17.5636
YIQ	206.4960, 25.3200, -62.4240

# Conversions

## Conversions Part 2

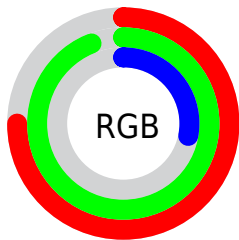
Format	Color
<a href="#">RYB</a>	<a href="#">72, 240, 120</a>
Decimal	<a href="#">12644424</a>
CIELab	<a href="#">88.92, -37.95, 72.02</a>
CIElCh	<a href="#">89, 81.412, 117.786</a>
Yxy	<a href="#">73.9945, 0.3713, 0.5081</a>
Android (android.graphics.Color)	<a href="#">4290834504</a> (0xFFC0F048)
YUV	<a href="#">206.4960, -66.3065, -12.7130</a>
Hunter-Lab	<a href="#">86.0201, -38.3387, 48.1082</a>

# Details

The Hex color **C0F048** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **7848F0**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FCFF82**, and **86B800** is the 20% darker color. If you saturate the color by 10%, you get **B9F030**, and if you desaturate by 10%, it is **C7F060**.

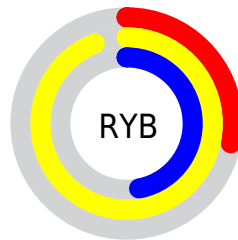
# Distribution



Red (75%)

Green (94%)

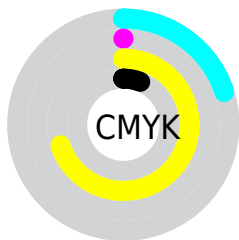
Blue (28%)



Red (28%)

Yellow (94%)

Blue (47%)

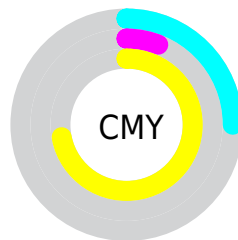


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0F048 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 C0F048 by changing the saturation by 10% instead.



 C0F048

 C0F048

FFFFFF

 A3D427

 FCFF82

 86B800

 FFFF9E

 6A9D00

 FFFFBB

 4D8200

 FFFF80

 316900

 FFFFF6

 0C5000

 003900

 002500

 000000

 C0F048

 C0F048

 B9F030

 C7F060

 B2F018

 CEF078

 ABF000

 D5F090

 DBF0A8

 E2F0C0

 E9F0D8

 F0F0F0

 F7F0FF

 FEF0FF

# Harmonies

## Analogous

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



FFDA31



C0F048



4DFE88

# Triad

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



C0F048



00FCFF



FF96E8

# Complementary

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



C0F048



7848F0

# 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.



FFABFF



C0F048



00EAFF

# Square

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



C0F048



00FFFF



D5CDFF



FF9E9C

# Rectangle

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



C0F048



00FFBC



D5CDFF



FF9AFF



# Sweetspot

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



C0F048



F0FFC9



F07848



768060



000000



808080



# Same Dimension

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



C0F048



C2FF29



6CF048



74786C



83B800



283800



# Inverse Universe

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



7848F0



6629FF



CC48F0



6F6C78



3400B8

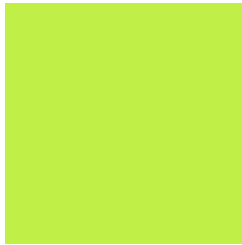


100038



# Previews

## White Background



This preview shows how the Hex color C0F048 looks on a white background.

## Color Contrast Check

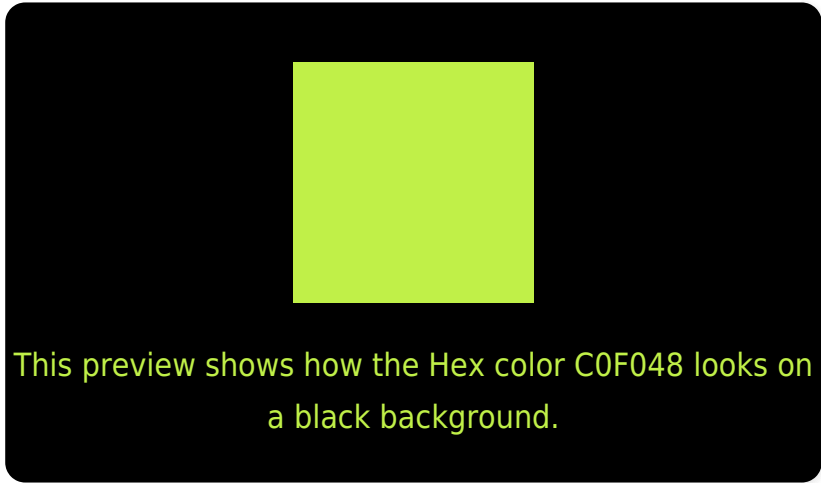
Large Text (above 18pt) WCAG AA × Fail

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 C0F048 Background



This preview shows how black text looks on a background with the Hex color C0F048.

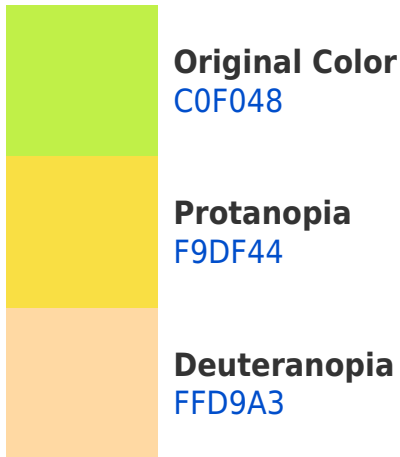


This preview shows how white text looks on a background with the Hex color C0F048.

# 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](#).

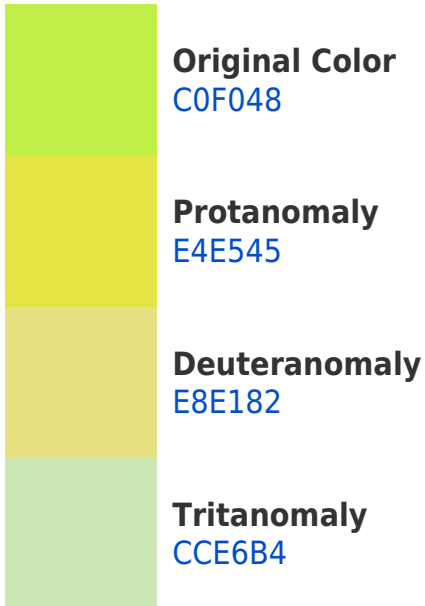
## Dichromacy



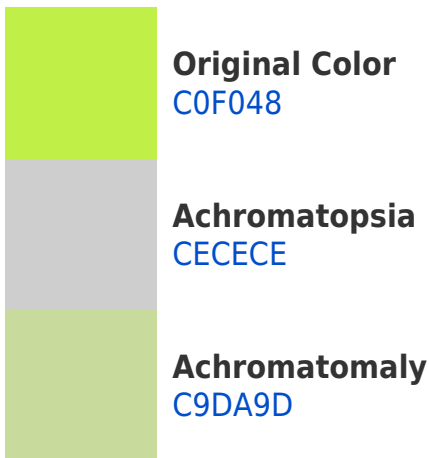


**Tritanopia**  
D3E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0F048 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 #C0F048 looks like.

```
.text, #text, p{  
    color:#C0F048  
}
```

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 #C0F048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0F048
}
```

## Border

The CSS property to change the border of an element to Hex C0F048 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
#C0F048 }
```

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

```
.border{ border-color:#C0F048 }
```

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

Here you see how a box with a 4 pixel #C0F048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0F048; -webkit-box-shadow:4px 4px  
4px 4px #C0F048; box-shadow:4px 4px 4px  
4px #C0F048 }
```

# Background

The CSS property to change the background color of an element to Hex C0F048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0F048 }
```

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

```
.background{ background-color:#C0F048 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor