

# Converting Colors

Hex(C6CD0F)

Have a look what the booklet for  
Hex(C6CD0F) contains.

<b>Hex(C6CD0F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C6CD0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6CD0F
RGB	198, 205, 15
RGB Percent	78%, 80%, 6%
CMY	0.2235, 0.1961, 0.9412
CMYK	0.03, 0.00, 0.93, 0.20
HSL	62°, 86%, 43%
HSV	62°, 93%, 80%
XYZ	45.2062, 55.7029, 8.8210
YIQ	181.2470, 56.8180, -60.5740

# Conversions

## Conversions Part 2

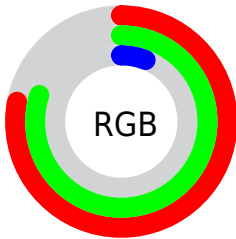
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 205, 22
Decimal	13028623
CIELab	79.44, -21.11, 78.02
CIELCh	79, 80.824, 105.138
Yxy	55.7029, 0.4120, 0.5076
Android (android.graphics.Color)	4291218703 (0xFFC6CD0F)
YUV	181.2470, -81.9598, 14.6924
Hunter-Lab	74.6344, -22.4922, 45.2366

# Details

The Hex color **C6CD0F** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **160FCD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFF59**, and **8C9700** is the 20% darker color. If you saturate the color by 10%, you get **C5CD00**, and if you desaturate by 10%, it is **C7CD24**.

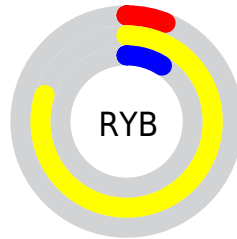
# Distribution



Red (78%)

Green (80%)

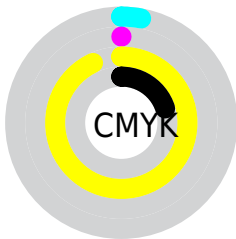
Blue (6%)



Red (6%)

Yellow (80%)

Blue (9%)

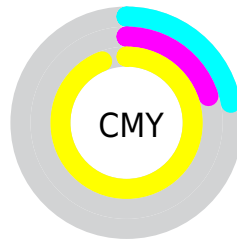


Cyan (3%)

Magenta (0%)

Yellow (93%)

Black (20%)



Cyan (22%)

Magenta (20%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6CD0F 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 C6CD0F by changing the saturation by 10% instead.



 C6CD0F

 C6CD0F

FFFFFF

 A9B200

 FFFF59

 8C9700

 FFFF76

 6F7D00

 FFFF93

 536400

 FFFFB0

 384D00

 FFFFCD

 1D3600

 FFFFEB

 002100

 000000

 C6CD0F

 C6CD0F

 C5CD00

 C7CD24

 C8CD38

 C8CD4D

 C9CD61

 CACD76

 CBCD8A

 CBCD9F

 CCCDB3

 CDCDC8

# Harmonies

## Analogous

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



FFB41F



C6CD0F



6DDD52

# Triad

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



C6CD0F



00E4FF



FF80EE

# Complementary

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



C6CD0F



160FCD

# 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.



F89FFF



C6CD0F



00D8FF

# Square

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



C6CD0F



00E8EA



72C0FF



FF7BA2

# Rectangle

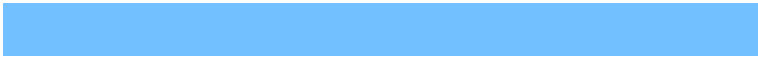
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6CD0F



00E482



72C0FF



FF89FF



# Sweetspot

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



C6CD0F



FCFFB8



CD150F



7E8054



000000



808080



# Same Dimension

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



C6CD0F



F6FF00



68CD0F



66665C



A0A600



252600



# Inverse Universe

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



160FCD



0900FF



740FCD



5C5C66



0600A6



010026



# Previews

## White Background



This preview shows how the Hex color C6CD0F looks on a white background.

## Color Contrast Check

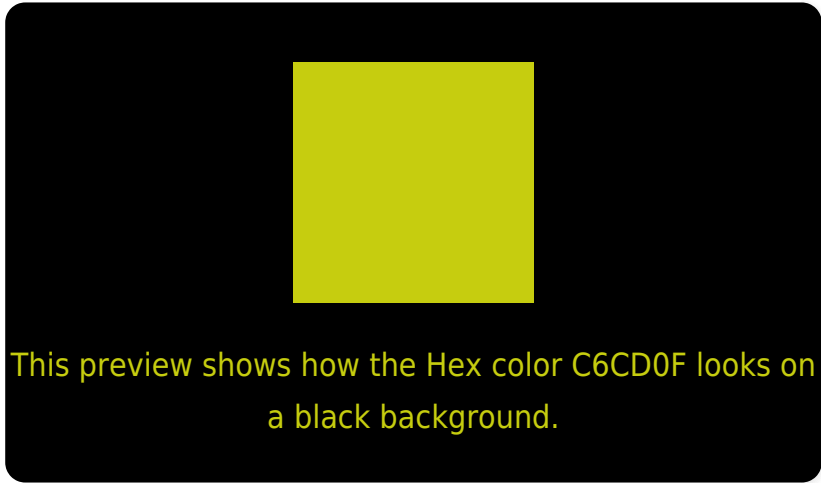
Large Text (above 18pt) WCAG AA × Fail

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 C6CD0F Background



This preview shows how black text looks on a background with the Hex color C6CD0F.



This preview shows how white text looks on a background with the Hex color C6CD0F.

# 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**  
C6CD0F

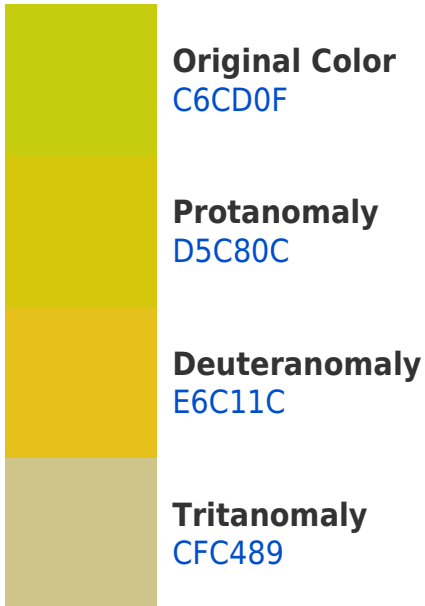
**Protanopia**  
DEC50A

**Deuteranopia**  
F8BA23



**Tritanopia**  
D4BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6CD0F 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 #C6CD0F looks like.

```
.text, #text, p{  
    color:#C6CD0F  
}
```

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 #C6CD0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CD0F
}
```

## Border

The CSS property to change the border of an element to Hex C6CD0F 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
#C6CD0F }
```

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

```
.border{ border-color:#C6CD0F }
```

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

Here you see how a box with a 4 pixel #C6CD0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CD0F; -webkit-box-shadow:4px 4px  
4px 4px #C6CD0F; box-shadow:4px 4px 4px  
4px #C6CD0F }
```

# Background

The CSS property to change the background color of an element to Hex C6CD0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CD0F }
```

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

```
.background{ background-color:#C6CD0F }
```

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