

# Converting Colors

Hex(C6D61C)

Have a look what the booklet for  
Hex(C6D61C) contains.

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# **Color**

**Hex(C6D61C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D61C
RGB	198, 214, 28
RGB Percent	78%, 84%, 11%
CMY	0.2235, 0.1608, 0.8902
CMYK	0.07, 0.00, 0.87, 0.16
HSL	65°, 77%, 47%
HSV	65°, 87%, 84%
XYZ	47.5449, 60.1827, 10.2092
YIQ	188.0120, 50.1700, -61.2380

# Conversions

## Conversions Part 2

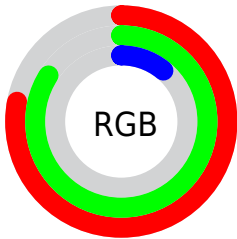
Format	Color
R <sub>Y</sub> B	28, 214, 44
Decimal	13030940
CIE Lab	81.94, -25.23, 78.00
CIE LCh	82, 81.978, 107.928
Yxy	60.1827, 0.4031, 0.5103
Android (android.graphics.Color)	4291221020 (0xFFC6D61C)
YUV	188.0120, -78.8859, 8.7595
Hunter-Lab	77.5775, -26.3636, 46.5017

# Details

The Hex color **C6D61C** 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 **2C1CD6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF60**, and **8C9F00** is the 20% darker color. If you saturate the color by 10%, you get **C4D607**, and if you desaturate by 10%, it is **C8D631**.

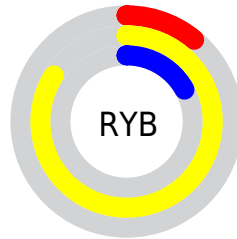
# Distribution



Red (78%)

Green (84%)

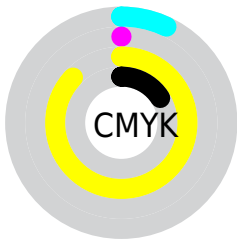
Blue (11%)



Red (11%)

Yellow (84%)

Blue (17%)

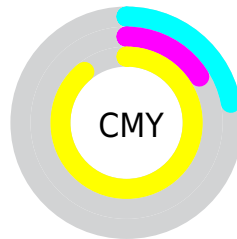


Cyan (7%)

Magenta (0%)

Yellow (87%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6D61C 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 C6D61C by changing the saturation by 10% instead.



 C6D61C

 C6D61C

FFFFFF

 A9BA00

 FFFF60

 8C9F00

 FFFF7D

 6F8500

 FFFF9A

 536C00

 FFFFB7

 375400

 FFFFD4

 1C3D00

 FFFFF2

 002700

 000D00

 000000

 C6D61C

 C6D61C

 C4D607

 C8D631

 C4D600

 CAD647

 CCD65C

 CDD672

 CFD687

 D1D69C

 D3D6B2

 D5D6C7

 D7D6DD

# Harmonies

## Analogous

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



FFBD1F



C6D61C



67E65D

# Triad

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



C6D61C



00EBFF



FF84EE

# Complementary

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



C6D61C



2C1CD6

# 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.



FFA2FF



C6D61C



00DDFF

# Square

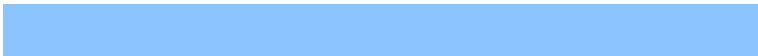
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C6D61C



00F0F9



8CC4FF



FF82A1

# Rectangle

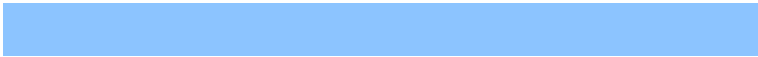
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6D61C



00EC8F



8CC4FF



FF8CFF



# Sweetspot

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



C6D61C



F9FFBD



D62C1C



7C8058



000000



808080



# Same Dimension

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



C6D61C



E9FF00



69D61C



6A6B60



9CAB00



282B00



# Inverse Universe

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



2C1CD6



1600FF



881CD6



61606B



0F00AB



04002B



# Previews

## White Background



This preview shows how the Hex color C6D61C looks on a white background.

## Color Contrast Check

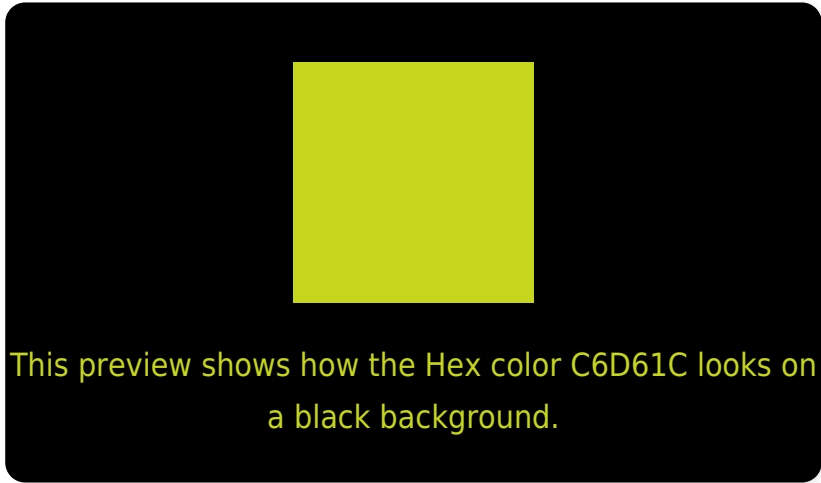
Large Text (above 18pt) WCAG AA × Fail

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 C6D61C Background



This preview shows how black text looks on a background with the Hex color C6D61C.



This preview shows how white text looks on a background with the Hex color C6D61C.

# 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**  
C6D61C

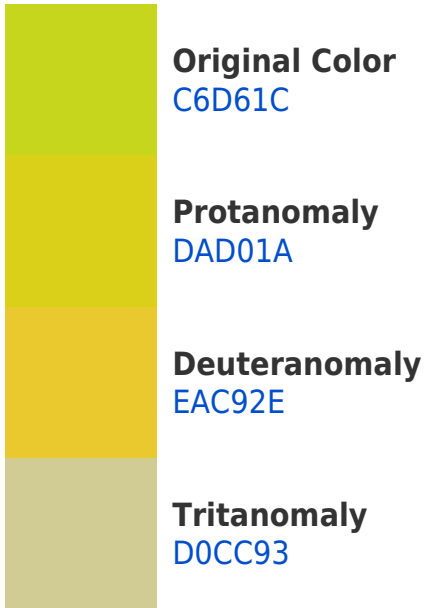
**Protanopia**  
E5CC19

**Deuteranopia**  
FFC138



**Tritanopia**  
D5C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6D61C 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 #C6D61C looks like.

```
.text, #text, p{  
    color:#C6D61C  
}
```

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 #C6D61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D61C
}
```

## Border

The CSS property to change the border of an element to Hex C6D61C 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
#C6D61C }
```

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

```
.border{ border-color:#C6D61C }
```

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

Here you see how a box with a 4 pixel #C6D61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D61C; -webkit-box-shadow:4px 4px  
4px 4px #C6D61C; box-shadow:4px 4px 4px  
4px #C6D61C }
```

# Background

The CSS property to change the background color of an element to Hex C6D61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D61C }
```

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

```
.background{ background-color:#C6D61C }
```

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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