

# Converting Colors

Hex(C0C60B)

Have a look what the booklet for  
Hex(C0C60B) contains.

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**Color**

**Hex(C0C60B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C60B
RGB	192, 198, 11
RGB Percent	75%, 78%, 4%
CMY	0.2471, 0.2235, 0.9569
CMYK	0.03, 0.00, 0.94, 0.22
HSL	62°, 89%, 41%
HSV	62°, 94%, 78%
XYZ	41.9927, 51.6188, 8.0668
YIQ	174.8880, 56.4510, -59.4290

# Conversions

## Conversions Part 2

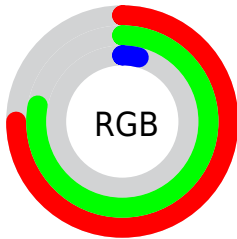
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 198, 17
Decimal	12633611
CIELab	77.05, -20.27, 76.44
CIELCh	77, 79.078, 104.854
Yxy	51.6188, 0.4130, 0.5077
Android (android.graphics.Color)	4290823691 (0xFFC0C60B)
YUV	174.8880, -80.7968, 15.0072
Hunter-Lab	71.8462, -21.4011, 43.6354

# Details

The Hex color **C0C60B** 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 **110BC6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FCFE56**, and **869000** is the 20% darker color. If you saturate the color by 10%, you get **C0C600**, and if you desaturate by 10%, it is **C1C61F**.

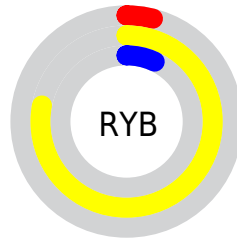
# Distribution



Red (75%)

Green (78%)

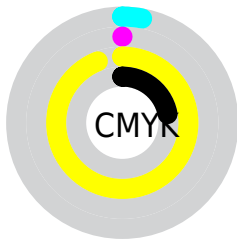
Blue (4%)



Red (4%)

Yellow (78%)

Blue (7%)

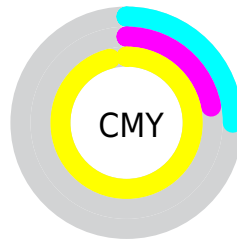


Cyan (3%)

Magenta (0%)

Yellow (94%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0C60B 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 C0C60B by changing the saturation by 10% instead.



 C0C60B

 C0C60B

FFFFFF

 A3AB00

 FCFE56

 869000

 FFFF73

 6A7700

 FFFF90

 4E5E00

 FFFFAD

 334700

 FFFFFA

 183000

 FFFFFE7

 001D00

 000000

 C0C60B

 C0C60B

 COC600

 C1C61F

 C1C633

 C2C646

 C3C65A

 C3C66E

 C4C682

 C4C696

 C5C6A9

 C6C6BD

# Harmonies

## Analogous

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



FFAD1D



C0C60B



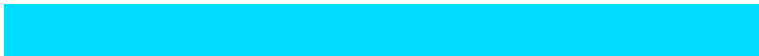
6AD64E

# Triad

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



C0C60B



00DDFF



FF7CE7

# Complementary

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



C0C60B



110BC6

# 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.



F09AFF



C0C60B



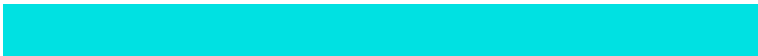
00D1FF

# Square

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



C0C60B



00E1E2



6BB AFF



FF769D

# Rectangle

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



C0C60B



00DC7D



6BBAFF



FF84FE



# Sweetspot

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



C0C60B



FDFFB8



C60E0B



7E8054



000000



808080



# Same Dimension

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



C0C60B



F7FF00



65C60B



63635A



9EA300



232400



# Inverse Universe

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



110BC6



0800FF



6C0BC6



5A5A63



0500A3



010024



# Previews

## White Background



This preview shows how the Hex color C0C60B looks on a white background.

## Color Contrast Check

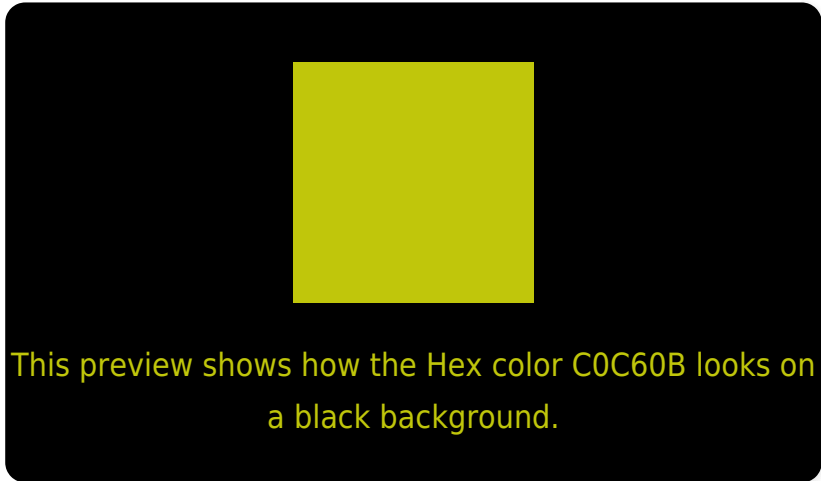
Large Text (above 18pt) WCAG AA × Fail

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 C0C60B Background



This preview shows how black text looks on a background with the Hex color C0C60B.



This preview shows how white text looks on a background with the Hex color C0C60B.

# 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**  
C0C60B

**Protanopia**  
D6BF00

**Deuteranopia**  
F0B420



**Tritanopia**  
CDB8C6

# Trichromacy



**Original Color**  
C0C60B

**Protanomaly**  
CEC204

**Deuteranomaly**  
DFBB18

**Tritanomaly**  
C8BD82

# Monochromacy



**Original Color**  
C0C60B

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B5B773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0C60B 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 #C0C60B looks like.

```
.text, #text, p{  
    color:#C0C60B  
}
```

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 #C0C60B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C60B
}
```

## Border

The CSS property to change the border of an element to Hex C0C60B 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
#C0C60B }
```

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

```
.border{ border-color:#C0C60B }
```

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

Here you see how a box with a 4 pixel #C0C60B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C60B; -webkit-box-shadow:4px 4px  
4px 4px #C0C60B; box-shadow:4px 4px 4px  
4px #C0C60B }
```

# Background

The CSS property to change the background color of an element to Hex C0C60B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C60B }
```

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

```
.background{ background-color:#C0C60B }
```

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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