

# Converting Colors

Hex(C07C0B)

Have a look what the booklet for  
Hex(C07C0B) contains.

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**Color**

**Hex(C07C0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07C0B
RGB	192, 124, 11
RGB Percent	75%, 49%, 4%
CMY	0.2471, 0.5137, 0.9569
CMYK	0.00, 0.35, 0.94, 0.25
HSL	37°, 89%, 40%
HSV	37°, 94%, 75%
XYZ	29.0063, 25.6459, 3.7380
YIQ	131.4500, 76.8010, -20.7270

# Conversions

## Conversions Part 2

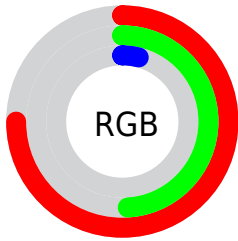
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 192, 11
Decimal	12614667
CIE Lab	57.70, 18.96, 62.07
CIE LCh	58, 64.898, 73.012
Yxy	25.6459, 0.4968, 0.4392
Android (android.graphics.Color)	4290804747 (0xFFC07C0B)
YUV	131.4500, -59.3818, 53.1024
Hunter-Lab	50.6418, 13.6169, 31.0730

# Details

The Hex color **C07C0B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0B4FC0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FDB149**, and **854B00** is the 20% darker color. If you saturate the color by 10%, you get **C07800**, and if you desaturate by 10%, it is **C0831E**.

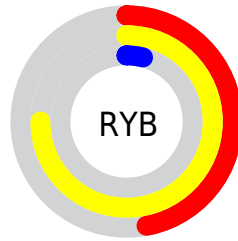
# Distribution



Red (75%)

Green (49%)

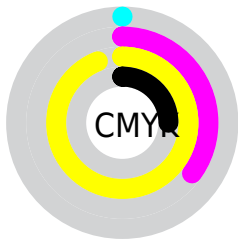
Blue (4%)



Red (47%)

Yellow (75%)

Blue (4%)

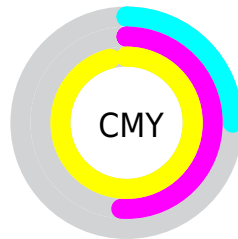


Cyan (0%)

Magenta (35%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C07C0B 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 C07C0B by changing the saturation by 10% instead.



 C07C0B

 C07C0B

FFFFFF

 A26300

 FDB149

 854B00

 FFCC63

 683400

 FFE87E

 4C1F00

 FFFF9A

 310A00

 FFFFB5

 140000

 FFFFD2

 000000

 FFFFEE

 C07C0B

 C07C0B

■ C07800

■ C0831E

■ C08A31

■ C09245

■ C09958

■ C0A06B

■ C0A77E

■ C0AE91

■ C0B6A5

■ C0BDB8

# Harmonies

## Analogous

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



E3633F



C07C0B



8F9000

# Triad

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



C07C0B



00A5A3



AC70DE

# Complementary

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



C07C0B



0B4FC0

# 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.



3A89FA



C07C0B



00A3D7

# Square

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



C07C0B



00A367



009AF7



E057AD

# Rectangle

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



C07C0B



66991D



009AF7



9179EA

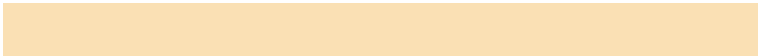


# Sweetspot

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



C07C0B



FAE0B4



C00B50



7D6D52



FCFCFC



7D7D7D



# Same Dimension

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



C07C0B



FA9C00



ABC00B



615D57



A16400



211500



# Inverse Universe

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



0B4FC0



005EFA



200BC0



575B61



003CA1



000C21



# Previews

## White Background



This preview shows how the Hex color C07C0B looks on a white background.

## Color Contrast Check

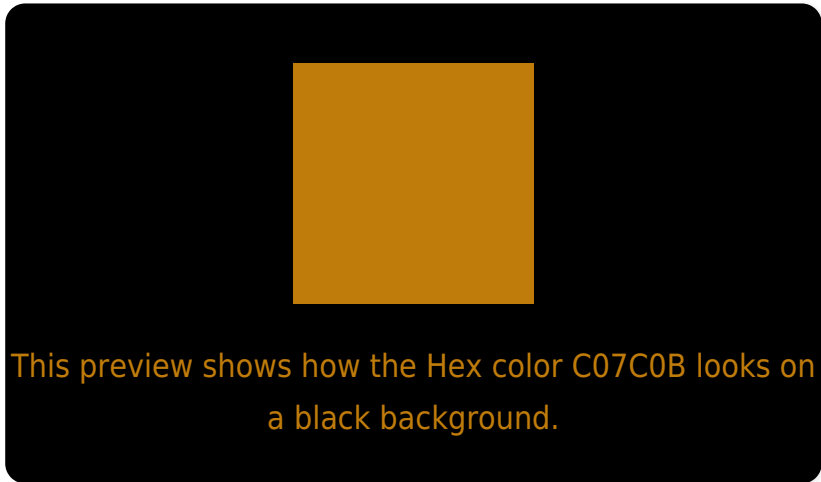
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C07C0B Background



This preview shows how black text looks on a background with the Hex color C07C0B.



This preview shows how white text looks on a background with the Hex color C07C0B.

# 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**  
C07C0B

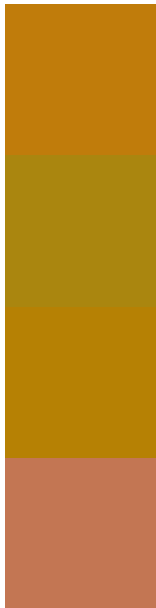
**Protanopia**  
9D8B11

**Deuteranopia**  
B08400



**Tritanopia**  
C5737C

# Trichromacy



**Original Color**  
C07C0B

**Protanomaly**  
AA860F

**Deuteranomaly**  
B68104

**Tritanomaly**  
C37653

# Monochromacy



**Original Color**  
C07C0B

**Achromatopsia**  
838383

**Achromatomaly**  
998057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C07C0B 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 #C07C0B looks like.

```
.text, #text, p{  
    color:#C07C0B  
}
```

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 #C07C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C07C0B
}
```

## Border

The CSS property to change the border of an element to Hex C07C0B 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
#C07C0B }
```

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

```
.border{ border-color:#C07C0B }
```

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

Here you see how a box with a 4 pixel #C07C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C07C0B; -webkit-box-shadow:4px 4px  
4px 4px #C07C0B; box-shadow:4px 4px 4px  
4px #C07C0B }
```

# Background

The CSS property to change the background color of an element to Hex C07C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C07C0B }
```

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

```
.background{ background-color:#C07C0B }
```

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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