

# Converting Colors

Hex(CC8B0A)

Have a look what the booklet for  
Hex(CC8B0A) contains.

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**Color**

**Hex(CC8B0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC8B0A
RGB	204, 139, 10
RGB Percent	80%, 55%, 4%
CMY	0.2000, 0.4549, 0.9608
CMYK	0.00, 0.32, 0.95, 0.20
HSL	40°, 91%, 42%
HSV	40°, 95%, 80%
XYZ	34.1892, 31.3245, 4.5314
YIQ	143.7290, 80.1490, -26.3390

# Conversions

## Conversions Part 2

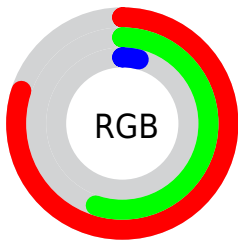
Format	Color
<a href="#">RYB</a>	108, 204, 10
Decimal	13404938
CIELab	62.78, 16.02, 66.52
CIELCh	63, 68.422, 76.458
Yxy	31.3245, 0.4881, 0.4472
Android (android.graphics.Color)	4291595018 (0xFFCC8B0A)
YUV	143.7290, -65.9284, 52.8577
Hunter-Lab	55.9683, 11.0954, 34.3775

# Details

The Hex color **CC8B0A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0A4BCC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFC04C**, and **905900** is the 20% darker color. If you saturate the color by 10%, you get **CC8800**, and if you desaturate by 10%, it is **CC921E**.

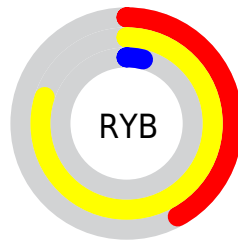
# Distribution



Red (80%)

Green (55%)

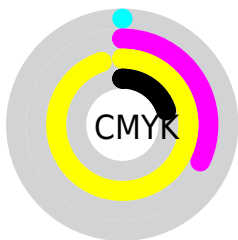
Blue (4%)



Red (42%)

Yellow (80%)

Blue (4%)

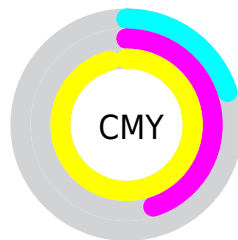


Cyan (0%)

Magenta (32%)

Yellow (95%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8B0A 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 CC8B0A by changing the saturation by 10% instead.



 CC8B0A

 CC8B0A

FFFFFF

 AE7200

 FFC04C

 905900

 FFDC67

 734200

 FFF982

 562C00

 FFFF9E

 3B1700

 FFFFBA

 240000

 FFFFD7

 000000

 FFFFF4

 CC8B0A

 CC8B0A

■ CC8800

■ CC921E

■ CC9933

■ CCA047

■ CCA65C

■ CCAD70

■ CCB484

■ CCBB99

■ CCC2AD

■ CCC9C2

# Harmonies

## Analogous

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



F37141



CC8B0A



969F00

# Triad

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



CC8B0A



00B4B9



C578EC

# Complementary

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



CC8B0A



0A4BCC

# 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.



5A93FF



CC8B0A



00B1EF

# Square

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



CC8B0A



00B279



00A7FF



F75FB6

# Rectangle

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



CC8B0A



69A82A



00A7FF



AA82FA



# Sweetspot

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



CC8B0A



FFE6B5



CC0A4E



807153



000000



808080



# Same Dimension

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



CC8B0A



FFAA00



AFCC0A



66635C



A66E00



261900



# Inverse Universe

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



0A4BCC



0055FF



270ACC



5C5F66



0038A6

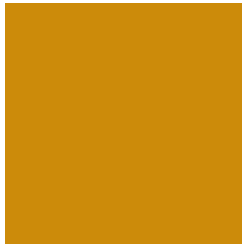


000D26



# Previews

## White Background



This preview shows how the Hex color CC8B0A looks on a white background.

## Color Contrast Check

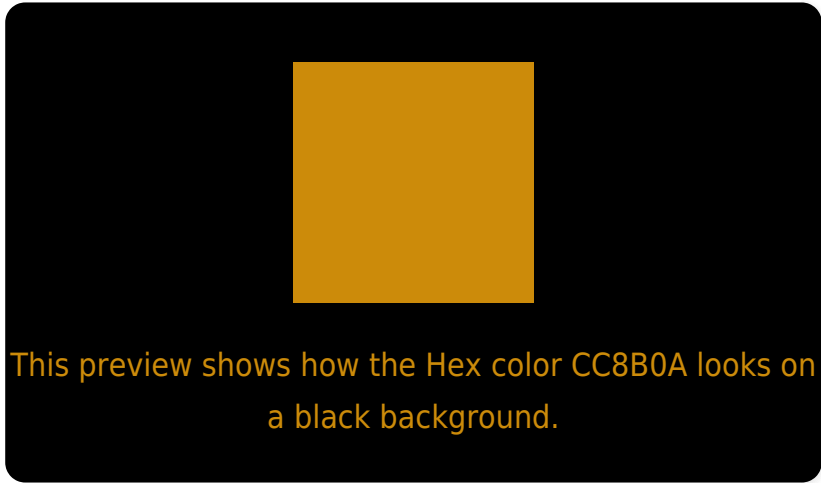
Large Text (above 18pt) WCAG AA × Fail

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 CC8B0A Background



This preview shows how black text looks on a background with the Hex color CC8B0A.



This preview shows how white text looks on a background with the Hex color CC8B0A.

# 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**  
CC8B0A

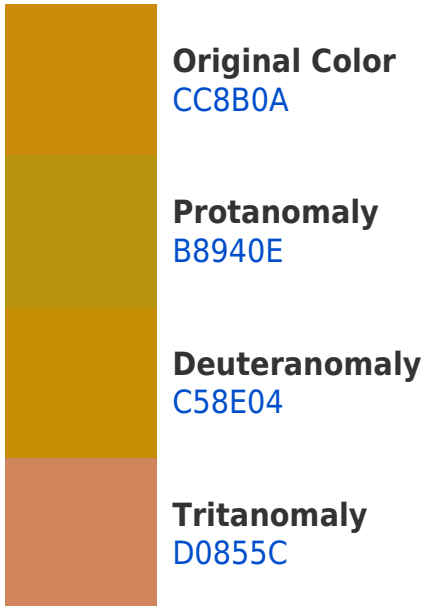
**Protanopia**  
AC9910

**Deuteranopia**  
C19000

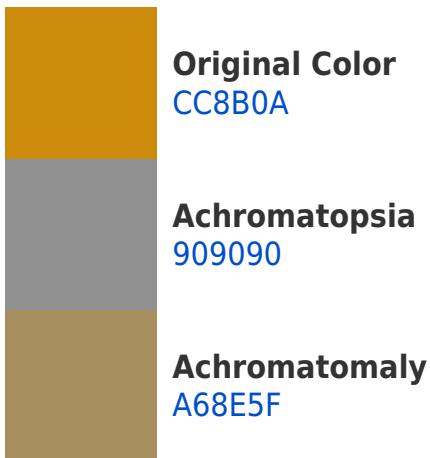


**Tritanopia**  
D2818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8B0A 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 #CC8B0A looks like.

```
.text, #text, p{  
    color:#CC8B0A  
}
```

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 #CC8B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8B0A
}
```

## Border

The CSS property to change the border of an element to Hex CC8B0A 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
#CC8B0A }
```

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

```
.border{ border-color:#CC8B0A }
```

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

Here you see how a box with a 4 pixel #CC8B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8B0A; -webkit-box-shadow:4px 4px  
4px 4px #CC8B0A; box-shadow:4px 4px 4px  
4px #CC8B0A }
```

# Background

The CSS property to change the background color of an element to Hex CC8B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8B0A }
```

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

```
.background{ background-color:#CC8B0A }
```

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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