

# Converting Colors

Hex(C58A0B)

Have a look what the booklet for  
Hex(C58A0B) contains.

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# **Color**

**Hex(C58A0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C58A0B
RGB	197, 138, 11
RGB Percent	77%, 54%, 4%
CMY	0.2275, 0.4588, 0.9569
CMYK	0.00, 0.30, 0.94, 0.23
HSL	41°, 89%, 41%
HSV	41°, 94%, 77%
XYZ	32.1748, 30.0714, 4.4252
YIQ	141.1630, 75.9310, -26.9890

# Conversions

## Conversions Part 2

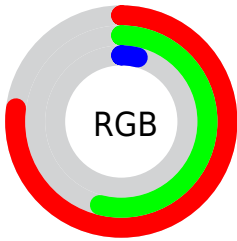
Format	Color
<a href="#">RYB</a>	<a href="#">97, 197, 11</a>
Decimal	<a href="#">12945931</a>
CIELab	<a href="#">61.72, 13.49, 65.23</a>
CIElCh	<a href="#">62, 66.609, 78.319</a>
Yxy	<a href="#">30.0714, 0.4826, 0.4510</a>
Android (android.graphics.Color)	<a href="#">4291136011</a> ( <a href="#">0xFFC58A0B</a> )
YUV	<a href="#">141.1630, -64.1704, 48.9690</a>
Hunter-Lab	<a href="#">54.8374, 8.7661, 33.6017</a>

# Details

The Hex color **C58A0B** 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 **0B46C5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBF4B**, and **8A5800** is the 20% darker color. If you saturate the color by 10%, you get **C58700**, and if you desaturate by 10%, it is **C5901F**.

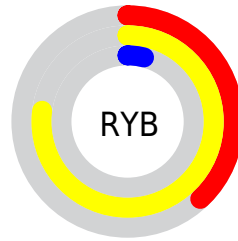
# Distribution



Red (77%)

Green (54%)

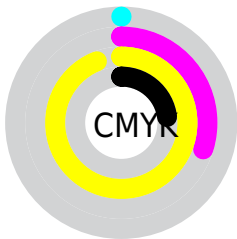
Blue (4%)



Red (38%)

Yellow (77%)

Blue (4%)

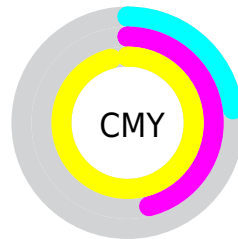


Cyan (0%)

Magenta (30%)

Yellow (94%)

Black (23%)



Cyan (23%)

Magenta (46%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58A0B 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 C58A0B by changing the saturation by 10% instead.



 C58A0B

 C58A0B

FFFFFF

 A77100


 FFBF4B

 8A5800

 FFDB67

 6D4100

 FFF782

 512B00

 FFFF9D

 361600

 FFFFBA

 1F0000

 FFFFFD6

 000000

 FFFFFF3

 C58A0B

 C58A0B

 C58700

 C5901F

 C59632

 C59D46

 C5A35A

 C5A96E

 C5AF81

 C5B695

 C5BCA9

 C5C2BC

# Harmonies

## Analogous

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



EC713E



C58A0B



909D09

# Triad

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



C58A0B



00B1B8



C575E4

# Complementary

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



C58A0B



0B46C5

# 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.



648FFF



C58A0B



00ADEC

# Square

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



C58A0B



00AF7B



00A3FF



F35DAF

# Rectangle

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



C58A0B



63A62F



00A3FF



AC7EF2



# Sweetspot

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



C58A0B



FFE8B8



C50B49



807254



000000



808080



# Same Dimension

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



C58A0B



FFAE00



A6C50B



63605A



A36F00



241800



# Inverse Universe

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



0B46C5



0051FF



2A0BC5



5A5D63



0034A3



000B24



# Previews

## White Background



This preview shows how the Hex color C58A0B looks on a white background.

## Color Contrast Check

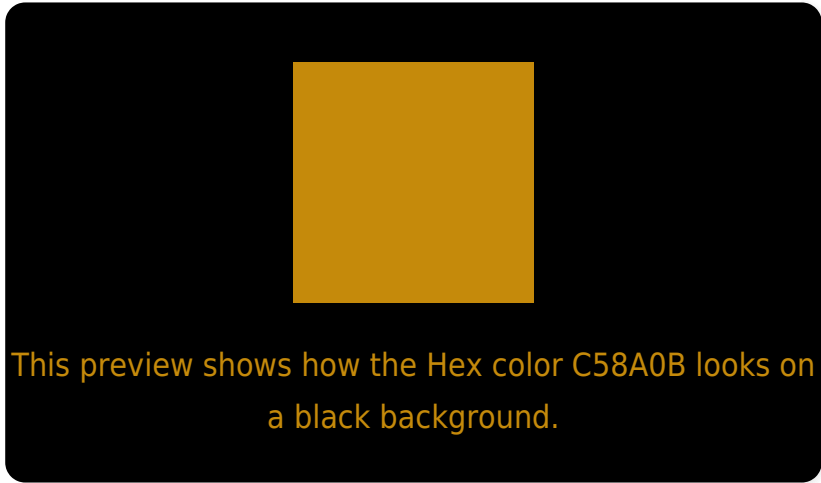
Large Text (above 18pt) WCAG AA × Fail

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 C58A0B Background



This preview shows how black text looks on a background with the Hex color C58A0B.



This preview shows how white text looks on a background with the Hex color C58A0B.

# 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**  
C58A0B

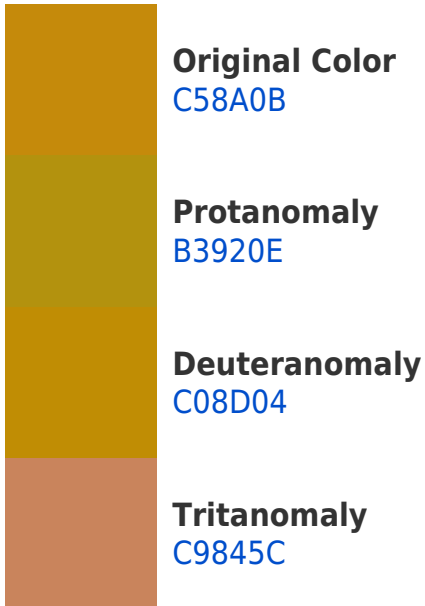
**Protanopia**  
A99610

**Deuteranopia**  
BD8E00



**Tritanopia**  
CB808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58A0B 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 #C58A0B looks like.

```
.text, #text, p{  
    color:#C58A0B  
}
```

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 #C58A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58A0B
}
```

## Border

The CSS property to change the border of an element to Hex C58A0B 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
#C58A0B }
```

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

```
.border{ border-color:#C58A0B }
```

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

Here you see how a box with a 4 pixel #C58A0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58A0B; -webkit-box-shadow:4px 4px  
4px 4px #C58A0B; box-shadow:4px 4px 4px  
4px #C58A0B }
```

# Background

The CSS property to change the background color of an element to Hex C58A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58A0B }
```

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

```
.background{ background-color:#C58A0B }
```

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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