

# Converting Colors

Hex(C57E0E)

Have a look what the booklet for  
Hex(C57E0E) contains.

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# Color

Hex(C57E0E)

# Conversions

## Conversions Part 1

Format	Color
Hex	C57E0E
RGB	197, 126, 14
RGB Percent	77%, 49%, 5%
CMY	0.2275, 0.5059, 0.9451
CMYK	0.00, 0.36, 0.93, 0.23
HSL	37°, 87%, 41%
HSV	37°, 93%, 77%
XYZ	30.5661, 26.8237, 3.9820
YIQ	134.4610, 78.2680, -19.7800

# Conversions

## Conversions Part 2

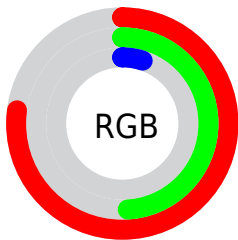
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	130, 197, 14
Decimal	12942862
CIE Lab	58.81, 20.10, 62.60
CIE LCh	59, 65.746, 72.198
Yxy	26.8237, 0.4980, 0.4371
Android (android.graphics.Color)	4291132942 (0xFFC57E0E)
YUV	134.4610, -59.3873, 54.8467
Hunter-Lab	51.7916, 14.7107, 31.6957

# Details

The Hex color **C57E0E** 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 **0E55C5**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFB34B**, and **894D00** is the 20% darker color. If you saturate the color by 10%, you get **C57900**, and if you desaturate by 10%, it is **C58622**.

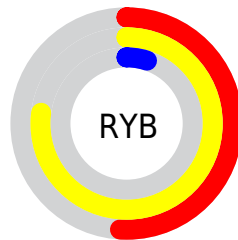
# Distribution



Red (77%)

Green (49%)

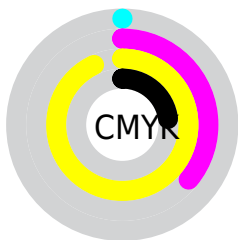
Blue (5%)



Red (51%)

Yellow (77%)

Blue (5%)

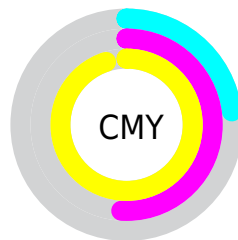


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C57E0E 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 C57E0E by changing the saturation by 10% instead.



 C57E0E

 C57E0E

FFFFFF

 A76500

 FFB34B

 894D00

 FFCE65

 6C3600

 FFEA80

 502000

 FFFF9C

 350B00

 FFFFFB8

 1C0001

 FFFFFD4

 000000

 FFFFFF1

 C57E0E

 C57E0E

■ C57900

■ C58622

■ C58D35

■ C59549

■ C59D5D

■ C5A471

■ C5AC84

■ C5B498

■ C5BBAC

■ C5C3BF

# Harmonies

## Analogous

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



E86542



C57E0E



939200

# Triad

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



C57E0E



00A8A4



AE73E4

# Complementary

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



C57E0E



0E55C5

# 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.



358CFF



C57E0E



00A6DA

# Square

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



C57E0E



00A668



009DFB



E35AB2

# Rectangle

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



C57E0E



6B9C1D



009DFB



927CF0

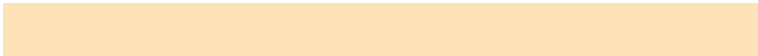


# Sweetspot

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



C57E0E



FFE3B8



C50E57



806F54



000000



808080



# Same Dimension

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



C57E0E



FF9C00



B3C50E



63605A



A36400



241600



# Inverse Universe

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



0E55C5



0063FF



200EC5



5A5D63



003FA3



000E24



# Previews

## White Background



This preview shows how the Hex color C57E0E looks on a white background.

## Color Contrast Check

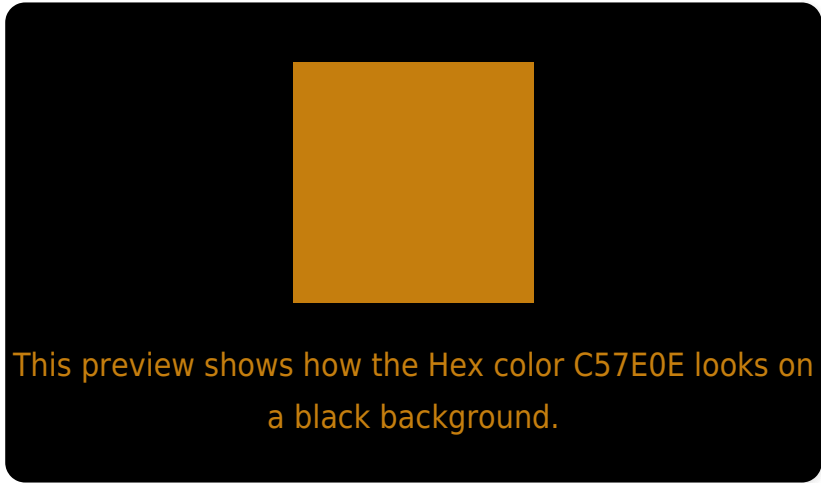
Large Text (above 18pt) WCAG AA ✓ Pass

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 C57E0E Background



This preview shows how black text looks on a background with the Hex color C57E0E.



This preview shows how white text looks on a background with the Hex color C57E0E.

# 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



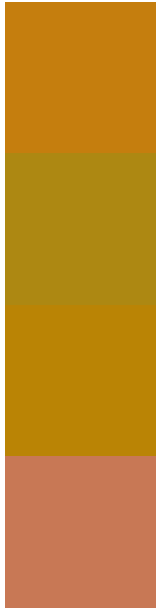
**Original Color**  
C57E0E

**Protanopia**  
A08E14

**Deuteranopia**  
B48700



# Trichromacy



**Original Color**  
C57E0E

**Protanomaly**  
AD8812

**Deuteranomaly**  
BA8405

**Tritanomaly**  
C87855

# Monochromacy



**Original Color**  
C57E0E

**Achromatopsia**  
868686

**Achromatomaly**  
9D835A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C57E0E 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 #C57E0E looks like.

```
.text, #text, p{  
    color:#C57E0E  
}
```

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 #C57E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C57E0E
}
```

## Border

The CSS property to change the border of an element to Hex C57E0E 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
#C57E0E }
```

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

```
.border{ border-color:#C57E0E }
```

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

Here you see how a box with a 4 pixel #C57E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C57E0E; -webkit-box-shadow:4px 4px  
4px 4px #C57E0E; box-shadow:4px 4px 4px  
4px #C57E0E }
```

# Background

The CSS property to change the background color of an element to Hex C57E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C57E0E }
```

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

```
.background{ background-color:#C57E0E }
```

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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