

# Converting Colors

Hex(CE5E0E)

Have a look what the booklet for  
Hex(CE5E0E) contains.

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**Color**

**Hex(CE5E0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5E0E
RGB	206, 94, 14
RGB Percent	81%, 37%, 5%
CMY	0.1922, 0.6314, 0.9451
CMYK	0.00, 0.54, 0.93, 0.19
HSL	25°, 87%, 43%
HSV	25°, 93%, 81%
XYZ	29.5356, 21.1589, 2.9428
YIQ	118.3680, 92.4320, -1.1360

# Conversions

## Conversions Part 2

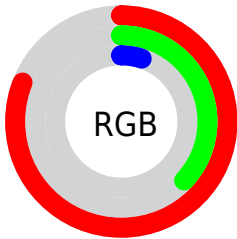
Format	Color
R <sub>Y</sub> B	206, 151, 14
Decimal	13524494
CIE Lab	53.12, 40.72, 59.16
CIE LCh	53, 71.818, 55.457
Yxy	21.1589, 0.5507, 0.3945
Android (android.graphics.Color)	4291714574 (0xFFCE5E0E)
YUV	118.3680, -51.4534, 76.8533
Hunter-Lab	45.9988, 34.1158, 28.4060

# Details

The Hex color **CE5E0E** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0E7ECE**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF9346**, and **902B00** is the 20% darker color. If you saturate the color by 10%, you get **CE5600**, and if you desaturate by 10%, it is **CE6A23**.

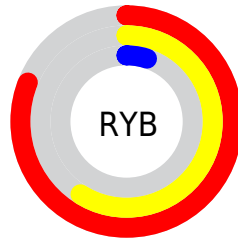
# Distribution



Red (81%)

Green (37%)

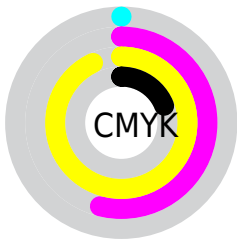
Blue (5%)



Red (81%)

Yellow (59%)

Blue (5%)

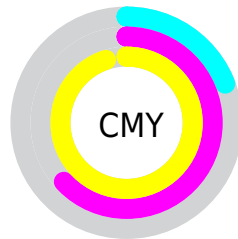


Cyan (0%)

Magenta (54%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (63%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5E0E 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 CE5E0E by changing the saturation by 10% instead.



 CE5E0E

 CE5E0E

FFFFFF

 AF4400

 FF9346

 902B00

 FFAE60

 720E00

 FFCA7A

 540000

 FFE695

 390000

 FFFFB1

 170000

 FFFFCD

 000000

 FFFF99

 CE5E0E

 CE5E0E

■ CE5600

■ CE6A23

■ CE7637

■ CE824C

■ CE8E60

■ CE9A75

■ CEA68A

■ CEB29E

■ CEBEB3

■ CECAC7

# Harmonies

## Analogous

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



E83F4E



CE5E0E



A17900

# Triad

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



CE5E0E



009973



6473F0

# Complementary

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



CE5E0E



0E7ECE

# 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.



008AFB



CE5E0E



009AB3

# Square

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



CE5E0E



009532



0096E5



BF52C6

# Rectangle

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



CE5E0E



7C8600



0096E5



137BF7



# Sweetspot

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



CE5E0E



FFD5B8



CE0E7E



806654



000000



808080



# Same Dimension

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



CE5E0E



FF6A00



CEBE0E



66605C



A64500



261000



# Inverse Universe

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



0E7ECE



0095FF



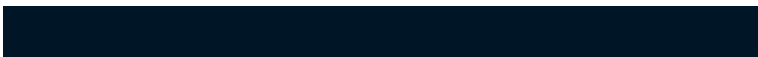
0E1ECE



5C6266



0061A6



001626



# Previews

## White Background



This preview shows how the Hex color CE5E0E looks on a white background.

## Color Contrast Check

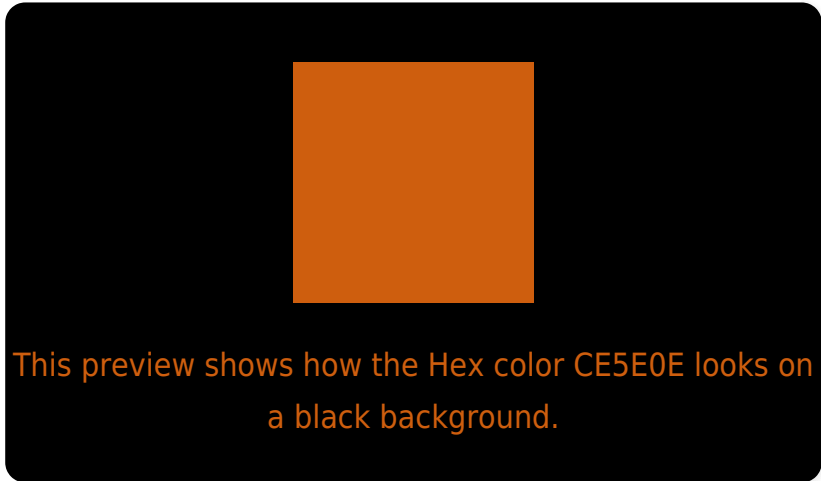
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5E0E Background



This preview shows how black text looks on a background with the Hex color CE5E0E.



This preview shows how white text looks on a background with the Hex color CE5E0E.

# 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**  
CE5E0E

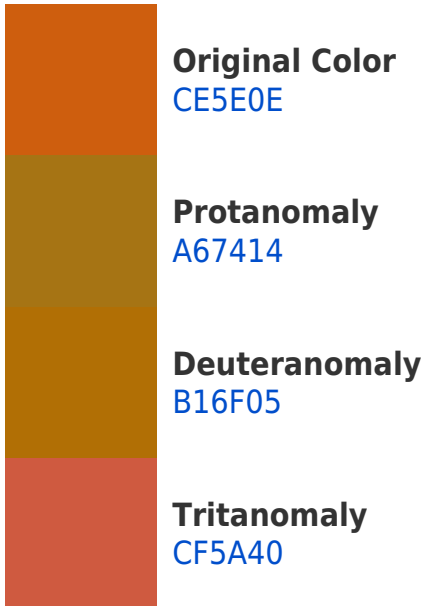
**Protanopia**  
8F8018

**Deuteranopia**  
A17900



**Tritanopia**  
D0585D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5E0E 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 #CE5E0E looks like.

```
.text, #text, p{  
    color:#CE5E0E  
}
```

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 #CE5E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5E0E
}
```

## Border

The CSS property to change the border of an element to Hex CE5E0E 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
#CE5E0E }
```

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

```
.border{ border-color:#CE5E0E }
```

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

Here you see how a box with a 4 pixel #CE5E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5E0E; -webkit-box-shadow:4px 4px  
4px 4px #CE5E0E; box-shadow:4px 4px 4px  
4px #CE5E0E }
```

# Background

The CSS property to change the background color of an element to Hex CE5E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5E0E }
```

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

```
.background{ background-color:#CE5E0E }
```

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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