

Converting Colors

Hex(CE750E)

Have a look what the booklet for
Hex(CE750E) contains.

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Color

Hex(CE750E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CE750E |
| RGB | 206, 117, 14 |
| RGB Percent | 81%, 46%, 5% |
| CMY | 0.1922, 0.5412, 0.9451 |
| CMYK | 0.00, 0.43, 0.93, 0.19 |
| HSL | 32°, 87%, 43% |
| HSV | 32°, 93%, 81% |
| XYZ | 31.8942, 25.8761, 3.7290 |
| YIQ | 131.8690, 86.1070, -13.1650 |

Conversions

Conversions Part 2

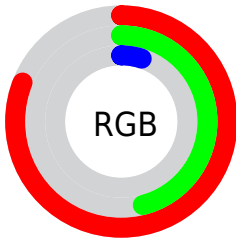
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 206, 14 |
| Decimal | 13530382 |
| CIE Lab | 57.92, 28.83, 62.50 |
| CIE LCh | 58, 68.828, 65.233 |
| Yxy | 25.8761, 0.5186, 0.4208 |
| Android (android.graphics.Color) | 4291720462 (0xFFCE750E) |
| YUV | 131.8690, -58.1094, 65.0129 |
| Hunter-Lab | 50.8686, 22.8980, 31.2616 |

Details

The Hex color **CE750E** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0E67CE**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFAA4A**, and **914400** is the 20% darker color. If you saturate the color by 10%, you get **CE6F00**, and if you desaturate by 10%, it is **CE7F23**.

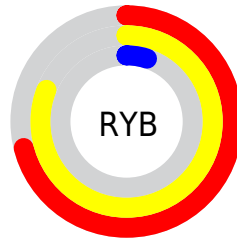
Distribution



Red (81%)

Green (46%)

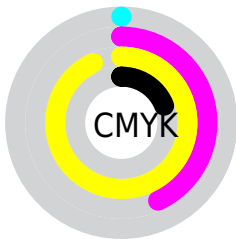
Blue (5%)



Red (71%)

Yellow (81%)

Blue (5%)

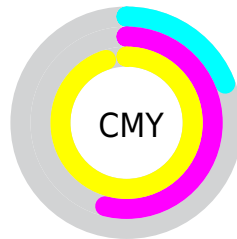


Cyan (0%)

Magenta (43%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (54%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE750E 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 CE750E by changing the saturation by 10% instead.

 CE750E

 CE750E

FFFFFF

 AF5C00

 FFAA4A

 914400

 FFC564

 732C00

 FFE17F

 561500

 FFFE9A

 3B0000

 FFFFB6

 220001

 FFFFD2

 000000

 FFFFEF

 CE750E

 CE750E

■ CE6F00

■ CE7F23

■ CE8837

■ CE924C

■ CE9B60

■ CEA575

■ CEAE8A

■ CEB89E

■ CEC1B3

■ CECBC7

Harmonies

Analogous

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



EE5A49



CE750E



9D8C00

Triad

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



CE750E



00A694



9876EE

Complementary

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



CE750E



0E67CE

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.



008FFF



CE750E



00A5CF

Square

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



CE750E



00A356



009FF9



DB59BF

Rectangle

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



CE750E



769700



009FF9



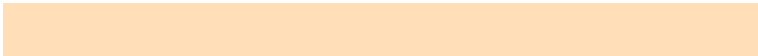
757FF9

Sweetspot

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



CE750E



FFDEB8



CE0E68



806B54



000000



808080

Same Dimension

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



CE750E



FF8900



C8CE0E



66615C



A65900



261500

Inverse Universe

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



0E67CE



0076FF



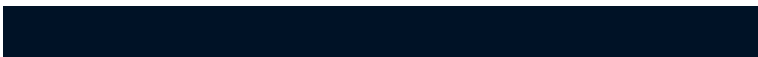
140ECE



5C6166



004DA6



001226

Previews

White Background



This preview shows how the Hex color CE750E looks on a white background.

Color Contrast Check

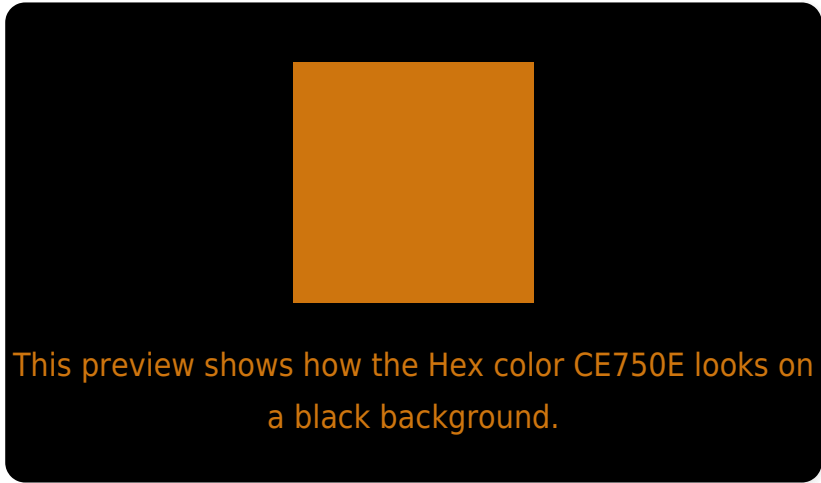
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE750E Background



This preview shows how black text looks on a background with the Hex color CE750E.



This preview shows how white text looks on a background with the Hex color CE750E.

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
CE750E

Protanopia
9D8C16

Deuteranopia
B18400



Tritanopia
D26D75

Trichromacy



Original Color
CE750E

Protanomaly
AF8413

Deuteranomaly
BC7F05

Tritanomaly
D17050

Monochromacy



Original Color
CE750E

Achromatopsia
848484

Achromatomaly
9F7F59

CSS Examples

Text

The CSS property to change the color of the text to Hex CE750E 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 #CE750E looks like.

```
.text, #text, p{  
    color:#CE750E  
}
```

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 #CE750E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE750E
}
```

Border

The CSS property to change the border of an element to Hex CE750E 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
#CE750E }
```

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

```
.border{ border-color:#CE750E }
```

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

Here you see how a box with a 4 pixel #CE750E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE750E; -webkit-box-shadow:4px 4px  
4px 4px #CE750E; box-shadow:4px 4px 4px  
4px #CE750E }
```

Background

The CSS property to change the background color of an element to Hex CE750E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE750E }
```

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

```
.background{ background-color:#CE750E }
```

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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