

# Converting Colors

Hex(CE6C08)

Have a look what the booklet for  
Hex(CE6C08) contains.

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# Color

Hex(CE6C08)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE6C08
RGB	206, 108, 8
RGB Percent	81%, 42%, 3%
CMY	0.1922, 0.5765, 0.9686
CMYK	0.00, 0.48, 0.96, 0.19
HSL	30°, 93%, 42%
HSV	30°, 96%, 81%
XYZ	30.8600, 23.8645, 3.2095
YIQ	125.9020, 90.5080, -10.3240

# Conversions

## Conversions Part 2

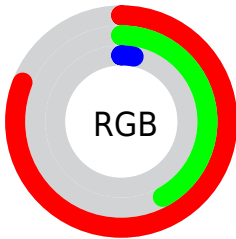
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 206, 8
Decimal	13528072
CIE <sub>Lab</sub>	55.95, 33.52, 62.27
CIE <sub>LCh</sub>	56, 70.721, 61.709
Yxy	23.8645, 0.5327, 0.4119
Android (android.graphics.Color)	4291718152 (0xFFCE6C08)
YUV	125.9020, -58.1257, 70.2459
Hunter-Lab	48.8513, 27.2711, 30.3005

# Details

The Hex color **CE6C08** 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 **086ACE**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FFA145**, and **913A00** is the 20% darker color. If you saturate the color by 10%, you get **CE6800**, and if you desaturate by 10%, it is **CE761D**.

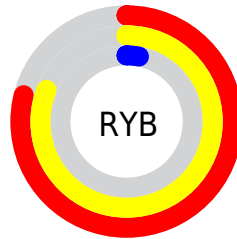
# Distribution



Red (81%)

Green (42%)

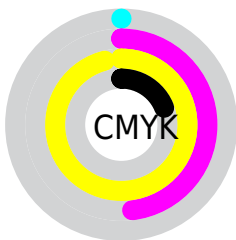
Blue (3%)



Red (79%)

Yellow (81%)

Blue (3%)

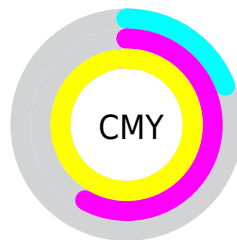


Cyan (0%)

Magenta (48%)

Yellow (96%)

Black (19%)



Cyan (19%)

Magenta (58%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE6C08 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 CE6C08 by changing the saturation by 10% instead.



 CE6C08

 CE6C08

FFFFFF

 AF5300

 FFA145

 913A00

 FFBC60

 732200

 FFD87B

 550700

 FFF596

 3A0000

 FFFFB1

 1E0001

 FFFFCE

 000000

 FFFFEA

 CE6C08

 CE6C08

■ CE6800

■ CE761D

■ CE8031

■ CE8B46

■ CE955A

■ CE9F6F

■ CEA984

■ CEB398

■ CEBEAD

■ CEC8C1

# Harmonies

## Analogous

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



EC4F49



CE6C08



9E8500

# Triad

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



CE6C08



00A188



8774F0

# Complementary

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



CE6C08



086ACE

# 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.



008DFF



CE6C08



00A1C5

# Square

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



CE6C08



009E48



009BF2



D154C1

# Rectangle

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



CE6C08



779000



009BF2



5C7DF9



# Sweetspot

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



CE6C08



FFDAB5



CE086B



806953



000000



808080



# Same Dimension

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



CE6C08



FF8100



CECE08



66615C



A65400



261300



# Inverse Universe

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



086ACE



007EFF



0808CE



5C6166



0052A6



001326



# Previews

## White Background



This preview shows how the Hex color CE6C08 looks on a white background.

## Color Contrast Check

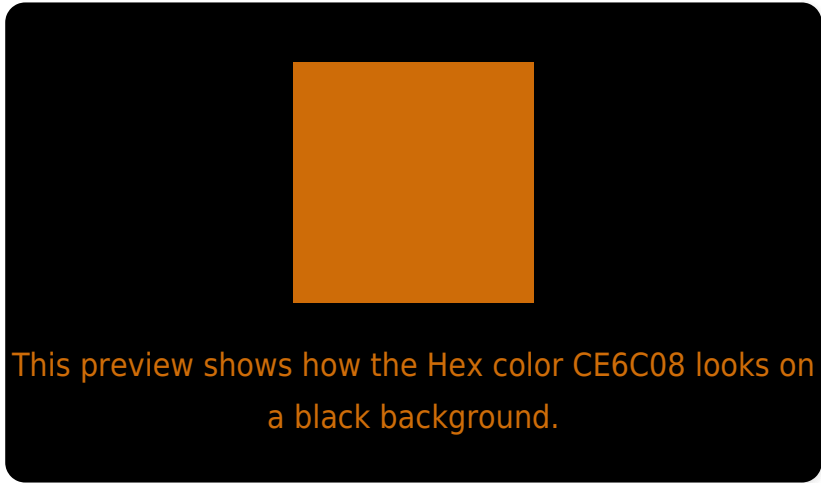
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE6C08 Background



This preview shows how black text looks on a background with the Hex color CE6C08.



This preview shows how white text looks on a background with the Hex color CE6C08.

# 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**  
CE6C08

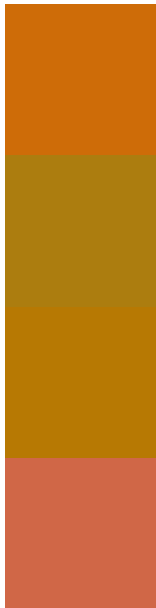
**Protanopia**  
988713

**Deuteranopia**  
AA8000



**Tritanopia**  
D1646B

# Trichromacy



**Original Color**  
CE6C08

**Protanomaly**  
AC7D0F

**Deuteranomaly**  
B77903

**Tritanomaly**  
D06747

# Monochromacy



**Original Color**  
CE6C08

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
9B7753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE6C08 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 #CE6C08 looks like.

```
.text, #text, p{  
    color:#CE6C08  
}
```

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 #CE6C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6C08  
}
```

## Border

The CSS property to change the border of an element to Hex CE6C08 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  
#CE6C08 }
```

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

```
.border{ border-color:#CE6C08 }
```

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

Here you see how a box with a 4 pixel #CE6C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6C08; -webkit-box-shadow:4px 4px  
4px 4px #CE6C08; box-shadow:4px 4px 4px  
4px #CE6C08 }
```

# Background

The CSS property to change the background color of an element to Hex CE6C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6C08 }
```

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

```
.background{ background-color:#CE6C08 }
```

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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