

# Converting Colors

Hex(CE6A00)

Have a look what the booklet for  
Hex(CE6A00) contains.

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**Color**

**Hex(CE6A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE6A00
RGB	206, 106, 0
RGB Percent	81%, 42%, 0%
CMY	0.1922, 0.5843, 1.0000
CMYK	0.00, 0.49, 1.00, 0.19
HSL	31°, 100%, 40%
HSV	31°, 100%, 81%
XYZ	30.6076, 23.4299, 2.9092
YIQ	123.8160, 93.6260, -11.7660

# Conversions

## Conversions Part 2

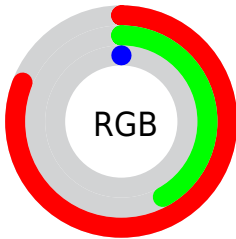
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 206, 0
Decimal	13527552
CIELab	55.51, 34.47, 63.51
CIElCh	56, 72.259, 61.506
Yxy	23.4299, 0.5375, 0.4114
Android (android.graphics.Color)	4291717632 (0xFFCE6A00)
YUV	123.8160, -61.0413, 72.0754
Hunter-Lab	48.4044, 28.1634, 30.3196

# Details

The Hex color **CE6A00** 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 **0064CE**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9F42**, and **913800** is the 20% darker color. If you saturate the color by 10%, you get **CE6A00**, and if you desaturate by 10%, it is **CE7415**.

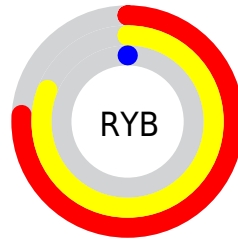
# Distribution



Red (81%)

Green (42%)

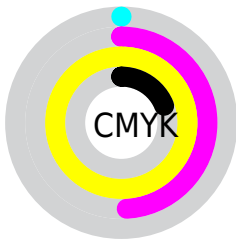
Blue (0%)



Red (76%)

Yellow (81%)

Blue (0%)

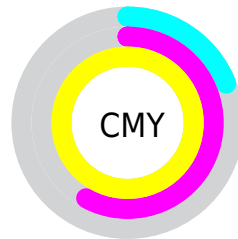


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE6A00 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 CE6A00 by changing the saturation by 10% instead.



 CE6A00

 CE6A00

FFFFFF

 AF5100

 FF9F42

 913800

 FFBA5C

 722000

 FFD677

 550400

 FFF392

 390000

 FFFF4E

 1D0001

 FFFFC4

 000000

 FFFF66

 CE6A00

 CE7415

 CE7E29

 CE883E

 CE9252

 CE9C67

 CEA67C

 CEB090

 CEBAA5

 CEC4B9

# Harmonies

## Analogous

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



ED4B47



CE6A00



9D8300

# Triad

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



CE6A00



00A086



8473F1

# Complementary

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



CE6A00



0064CE

# 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.



008CFF



CE6A00



00A0C5

# Square

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



CE6A00



009D45



009AF3



D151C2

# Rectangle

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



CE6A00



758F00



009AF3



577CFB



# Sweetspot

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



CE6A00



FFDAB3



CE0067



806952



000000



808080



# Same Dimension

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



CE6A00



FF8300



CECE00



66615C



A65500



261400



# Inverse Universe

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



0064CE



007CFF



0000CE



5C6166



0050A6



001326



# Previews

## White Background



This preview shows how the Hex color CE6A00 looks on a white background.

## Color Contrast Check

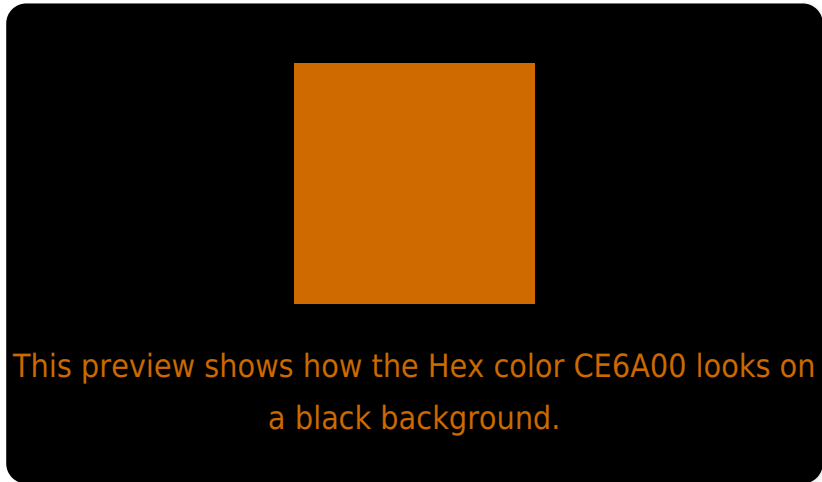
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE6A00 Background



This preview shows how black text looks on a background with the Hex color CE6A00.



This preview shows how white text looks on a background with the Hex color CE6A00.

# 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**  
CE6A00

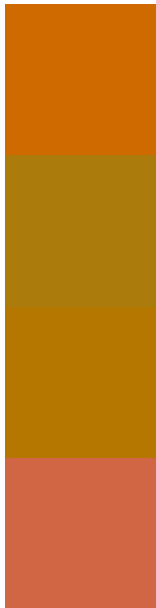
**Protanopia**  
978612

**Deuteranopia**  
A97F00



**Tritanopia**  
D16369

# Trichromacy



**Original Color**  
CE6A00

**Protanomaly**  
AB7C0B

**Deuteranomaly**  
B67700

**Tritanomaly**  
D06643

# Monochromacy



**Original Color**  
CE6A00

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
9A754F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE6A00 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 #CE6A00 looks like.

```
.text, #text, p{  
    color:#CE6A00  
}
```

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 #CE6A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6A00  
}
```

## Border

The CSS property to change the border of an element to Hex CE6A00 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  
#CE6A00 }
```

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

```
.border{ border-color:#CE6A00 }
```

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

Here you see how a box with a 4 pixel #CE6A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6A00; -webkit-box-shadow:4px 4px  
4px 4px #CE6A00; box-shadow:4px 4px 4px  
4px #CE6A00 }
```

# Background

The CSS property to change the background color of an element to Hex CE6A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6A00 }
```

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

```
.background{ background-color:#CE6A00 }
```

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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