

# Converting Colors

Hex(CE4B00)

Have a look what the booklet for  
Hex(CE4B00) contains.

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**Color**

**Hex(CE4B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE4B00
RGB	206, 75, 0
RGB Percent	81%, 29%, 0%
CMY	0.1922, 0.7059, 1.0000
CMYK	0.00, 0.64, 1.00, 0.19
HSL	22°, 100%, 40%
HSV	22°, 100%, 81%
XYZ	27.9697, 18.1540, 2.0299
YIQ	105.6190, 102.1510, 4.4470

# Conversions

## Conversions Part 2

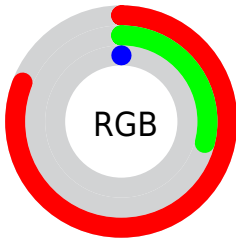
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 118, 0</a>
Decimal	<a href="#">13519616</a>
CIELab	<a href="#">49.68, 49.46, 60.21</a>
CIElCh	<a href="#">50, 77.922, 50.601</a>
Yxy	<a href="#">18.1540, 0.5808, 0.3770</a>
Android (android.graphics.Color)	<a href="#">4291709696 (0xFFCE4B00)</a>
YUV	<a href="#">105.6190, -52.0702, 88.0341</a>
Hunter-Lab	<a href="#">42.6075, 42.6133, 27.0005</a>

# Details

The Hex color **CE4B00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0083CE**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF813C**, and **8F0E00** is the 20% darker color. If you saturate the color by 10%, you get **CE4B00**, and if you desaturate by 10%, it is **CE5815**.

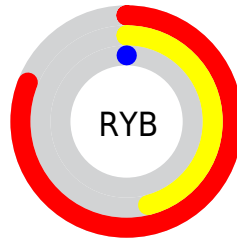
# Distribution



Red (81%)

Green (29%)

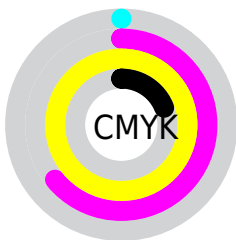
Blue (0%)



Red (81%)

Yellow (46%)

Blue (0%)

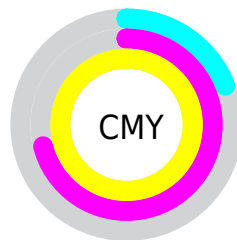


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE4B00 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 CE4B00 by changing the saturation by 10% instead.



 CE4B00

 CE4B00

 FFFFFB

 AE3000

 FF813C

 8F0E00

 FF9C56

 700000

 FFB870

 520000

 FFD58A

 380002

 FFF2A6

 0D0000

 FFFFC1

 000000

 FFFFDE

 CE4B00

 CE5815

 CE6529

 CE723E

 CE7F52

 CE8D67

 CE9A7C

 CEA790

 CEB4A5

 CEC1B9

# Harmonies

## Analogous

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



E61C4C



CE4B00



A16C00

# Triad

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



CE4B00



00915E



286EF4

# Complementary

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



CE4B00



0083CE

# 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.



0085FA



CE4B00



0092A3

# Square

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



CE4B00



008C10



008FDC



AE49CB

# Rectangle

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



CE4B00



7A7B00



008FDC



0077FA



# Sweetspot

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



CE4B00



FFCEB3



CE0086



806252



000000



808080



# Same Dimension

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



CE4B00



FF5D00



CEAF00



66605C



A63C00



260E00

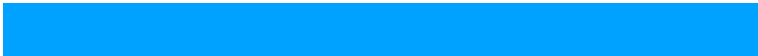


# Inverse Universe

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



0083CE



00A2FF



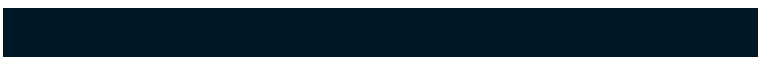
001FCE



5C6266



0069A6



001826



# Previews

## White Background



This preview shows how the Hex color CE4B00 looks on a white background.

## Color Contrast Check

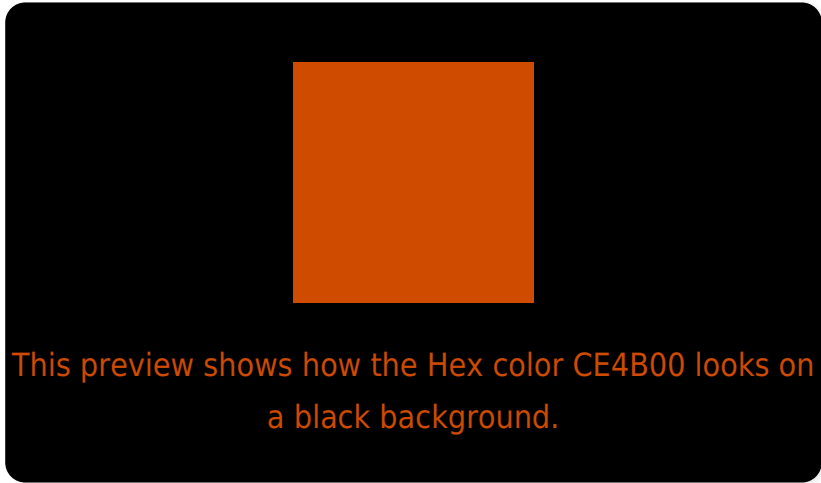
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 CE4B00 Background



This preview shows how black text looks on a background with the Hex color CE4B00.



This preview shows how white text looks on a background with the Hex color CE4B00.

# 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**  
CE4B00

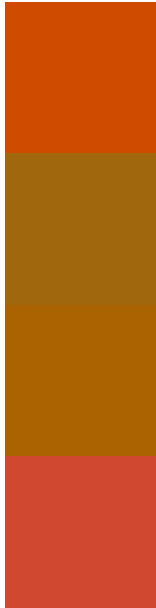
**Protanopia**  
867715

**Deuteranopia**  
967100



**Tritanopia**  
D0464A

# Trichromacy



**Original Color**  
CE4B00

**Protanomaly**  
A0670D

**Deuteranomaly**  
AA6300

**Tritanomaly**  
CF482F

# Monochromacy



**Original Color**  
CE4B00

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
8E5F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE4B00 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 #CE4B00 looks like.

```
.text, #text, p{  
    color:#CE4B00  
}
```

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 #CE4B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4B00
}
```

## Border

The CSS property to change the border of an element to Hex CE4B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

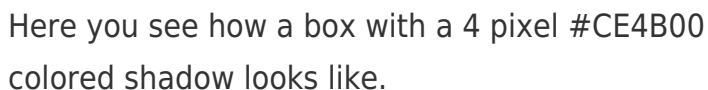
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE4B00 }
```

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

```
.border{ border-color:#CE4B00 }
```

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



Here you see how a box with a 4 pixel `#CE4B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4B00; -webkit-box-shadow:4px 4px  
4px 4px #CE4B00; box-shadow:4px 4px 4px  
4px #CE4B00 }
```

# Background

The CSS property to change the background color of an element to Hex CE4B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4B00 }
```

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

```
.background{ background-color:#CE4B00 }
```

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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