

# Converting Colors

Hex(CE3C00)

Have a look what the booklet for  
Hex(CE3C00) contains.

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**Color**

**Hex(CE3C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE3C00
RGB	206, 60, 0
RGB Percent	81%, 24%, 0%
CMY	0.1922, 0.7647, 1.0000
CMYK	0.00, 0.71, 1.00, 0.19
HSL	17°, 100%, 40%
HSV	17°, 100%, 81%
XYZ	27.0695, 16.3535, 1.7298
YIQ	96.8140, 106.2760, 12.2920

# Conversions

## Conversions Part 2

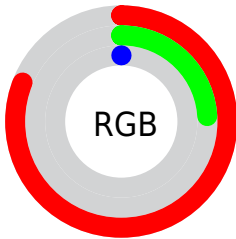
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 85, 0
Decimal	13515776
CIE Lab	47.43, 55.54, 59.09
CIE LCh	47, 81.096, 46.776
Yxy	16.3535, 0.5995, 0.3622
Android (android.graphics.Color)	4291705856 (0xFFCE3C00)
YUV	96.8140, -47.7293, 95.7561
Hunter-Lab	40.4395, 48.7155, 25.7715

# Details

The Hex color **CE3C00** 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 **0092CE**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF743A**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CE3C00**, and if you desaturate by 10%, it is **CE4B15**.

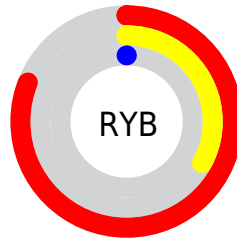
# Distribution



Red (81%)

Green (24%)

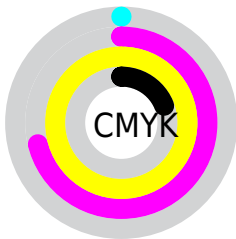
Blue (0%)



Red (81%)

Yellow (33%)

Blue (0%)

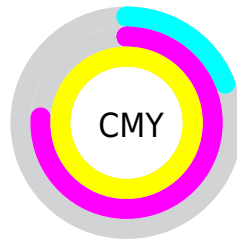


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE3C00 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 CE3C00 by changing the saturation by 10% instead.



 CE3C00

 CE3C00

 FFFFF7

 AE1C00

 FF743A

 8E0000

 FF9053

 6F0000

 FFAC6D

 510000

 FFC887

 350002

 FFE5A2

 040000

 FFFFBE

 000000

 FFFFDA

 CE3C00

 CE4B15

 CE5929

 CE683E

 CE7652

 CE8567

 CE947C

 CEA290

 CEB1A5

 CEBFB9

# Harmonies

## Analogous

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



E3004E



CE3C00



A26300

# Triad

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



CE3C00



008B4F



006CF6

# Complementary

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



CE3C00



0092CE

# 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.



0082F7



CE3C00



008D96

# Square

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



CE3C00



008500



008BD4



A046D0

# Rectangle

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



CE3C00



7C7300



008BD4



0075FB



# Sweetspot

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



CE3C00



FFC9B3



CE0094



805F52



000000



808080



# Same Dimension

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



CE3C00



FF4A00



CEA100



665F5C



A63000



260B00

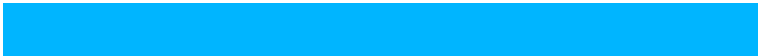


# Inverse Universe

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



0092CE



00B5FF



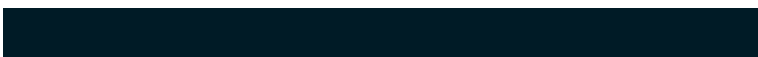
002DCE



5C6366



0075A6



001B26



# Previews

## White Background



This preview shows how the Hex color CE3C00 looks on a white background.

## Color Contrast Check

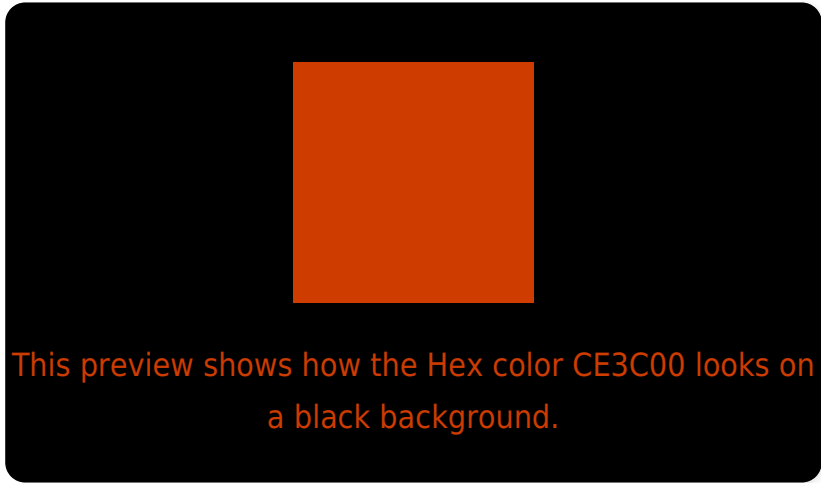
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE3C00 Background



This preview shows how black text looks on a background with the Hex color CE3C00.



This preview shows how white text looks on a background with the Hex color CE3C00.

# 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



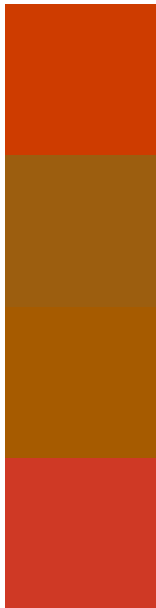
**Original Color**  
CE3C00

**Protanopia**  
807217

**Deuteranopia**  
8F6C00



# Trichromacy



**Original Color**  
CE3C00

**Protanomaly**  
9C5E0F

**Deuteranomaly**  
A65B00

**Tritanomaly**  
CF3925

# Monochromacy



**Original Color**  
CE3C00

**Achromatopsia**  
616161

**Achromatomaly**  
89543E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE3C00 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 #CE3C00 looks like.

```
.text, #text, p{  
    color:#CE3C00  
}
```

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 #CE3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3C00  
}
```

## Border

The CSS property to change the border of an element to Hex CE3C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

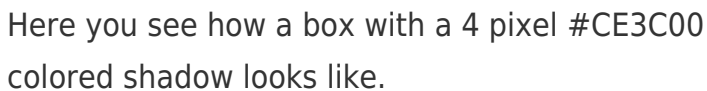
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CE3C00 }
```

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

```
.border{ border-color:#CE3C00 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#CE3C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3C00; -webkit-box-shadow:4px 4px  
4px 4px #CE3C00; box-shadow:4px 4px 4px  
4px #CE3C00 }
```

# Background

The CSS property to change the background color of an element to Hex CE3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3C00 }
```

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

```
.background{ background-color:#CE3C00 }
```

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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