

# Converting Colors

Hex(CC3E00)

Have a look what the booklet for  
Hex(CC3E00) contains.

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**Color**

**Hex(CC3E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3E00
RGB	204, 62, 0
RGB Percent	80%, 24%, 0%
CMY	0.2000, 0.7569, 1.0000
CMYK	0.00, 0.70, 1.00, 0.20
HSL	18°, 100%, 40%
HSV	18°, 100%, 80%
XYZ	26.6245, 16.2826, 1.7396
YIQ	97.3900, 104.5340, 10.8220

# Conversions

## Conversions Part 2

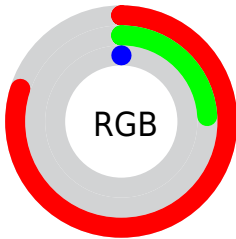
Format	Color
<a href="#">RYB</a>	204, 89, 0
Decimal	13385216
CIELab	47.34, 54.12, 58.84
CIELCh	47, 79.946, 47.391
Yxy	16.2826, 0.5963, 0.3647
Android (android.graphics.Color)	4291575296 (0xFFCC3E00)
YUV	97.3900, -48.0133, 93.4970
Hunter-Lab	40.3517, 47.1605, 25.6902

# Details

The Hex color **CC3E00** 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 **008ECC**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF753A**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CC3E00**, and if you desaturate by 10%, it is **CC4C14**.

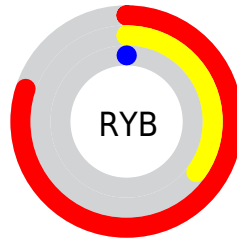
# Distribution



Red (80%)

Green (24%)

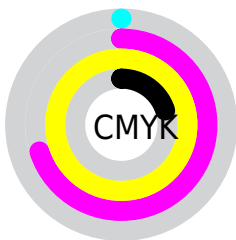
Blue (0%)



Red (80%)

Yellow (35%)

Blue (0%)

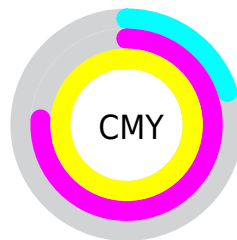


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3E00 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 CC3E00 by changing the saturation by 10% instead.



 CC3E00

 CC3E00

 FFFFF7

 AC1F00

 FF753A

 8D0000

 FF9153

 6D0000

 FFAD6D

 4F0000

 FFC987

 340002

 FFE6A2

 000000

 FFFFBE

 FFFFDA

 CC3E00

 CC4C14

 CC5A29

 CC693D

 CC7752

 CC8566

 CC937A

 CCA18F

 CCB0A3

 CCBEB8

# Harmonies

## Analogous

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



E2004D



CC3E00



A06300

# Triad

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



CC3E00



008A50



006CF3

# Complementary

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



CC3E00



008ECC

# 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.



0081F6



CC3E00



008C97

# Square

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



CC3E00



008500



008AD3



A146CD

# Rectangle

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



CC3E00



7A7300



008AD3



0074F8



# Sweetspot

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



CC3E00



FFCAB3



CC008F



806052



000000



808080



# Same Dimension

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



CC3E00



FF4E00



CCA300



665F5C



A63200



260C00

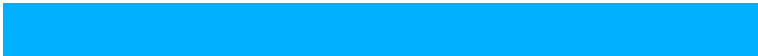


# Inverse Universe

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



008ECC



00B1FF



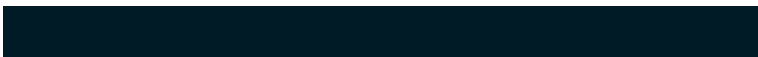
0029CC



5C6366



0073A6



001B26



# Previews

## White Background



This preview shows how the Hex color CC3E00 looks on a white background.

## Color Contrast Check

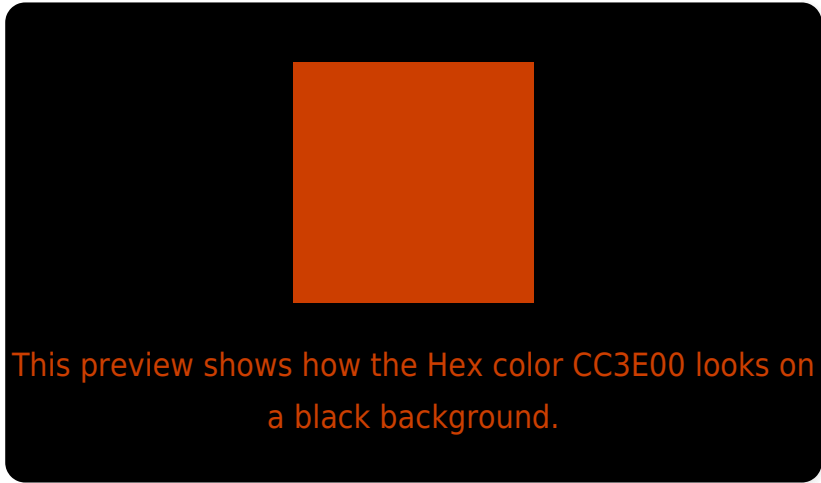
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3E00 Background



This preview shows how black text looks on a background with the Hex color CC3E00.



This preview shows how white text looks on a background with the Hex color CC3E00.

# 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**  
CC3E00

**Protanopia**  
7F7116

**Deuteranopia**  
8F6B00



# Trichromacy



**Original Color**  
CC3E00

**Protanomaly**  
9B5E0E

**Deuteranomaly**  
A55B00

**Tritanomaly**  
CD3B26

# Monochromacy



**Original Color**  
CC3E00

**Achromatopsia**  
616161

**Achromatomaly**  
88543E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3E00 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 #CC3E00 looks like.

```
.text, #text, p{  
    color:#CC3E00  
}
```

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 #CC3E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3E00
}
```

## Border

The CSS property to change the border of an element to Hex CC3E00 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
#CC3E00 }
```

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

```
.border{ border-color:#CC3E00 }
```

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

Here you see how a box with a 4 pixel #CC3E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3E00; -webkit-box-shadow:4px 4px  
4px 4px #CC3E00; box-shadow:4px 4px 4px  
4px #CC3E00 }
```

# Background

The CSS property to change the background color of an element to Hex CC3E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3E00 }
```

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

```
.background{ background-color:#CC3E00 }
```

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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