

# Converting Colors

Hex(CC3B00)

Have a look what the booklet for  
Hex(000000) contains.

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# Color

Hex(CC3B00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3B00
RGB	204, 59, 0
RGB Percent	80%, 23%, 0%
CMY	0.2000, 0.7686, 1.0000
CMYK	0.00, 0.71, 1.00, 0.20
HSL	17°, 100%, 40%
HSV	17°, 100%, 80%
XYZ	26.4658, 15.9653, 1.6867
YIQ	95.6290, 105.3590, 12.3910

# Conversions

## Conversions Part 2

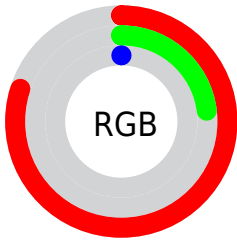
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 83, 0</a>
Decimal	<a href="#">13384448</a>
CIELab	<a href="#">46.93, 55.26, 58.64</a>
CIELCh	<a href="#">47, 80.574, 46.702</a>
Yxy	<a href="#">15.9653, 0.5999, 0.3619</a>
Android (android.graphics.Color)	<a href="#">4291574528 (0xFFCC3B00)</a>
YUV	<a href="#">95.6290, -47.1451, 95.0414</a>
Hunter-Lab	<a href="#">39.9566, 48.3079, 25.4668</a>

# Details

The Hex color **CC3B00** 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 **0091CC**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF7339**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC3B00**, and if you desaturate by 10%, it is **CC4A14**.

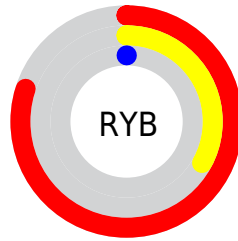
# Distribution



Red (80%)

Green (23%)

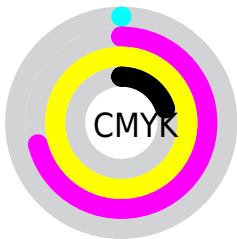
Blue (0%)



Red (80%)

Yellow (33%)

Blue (0%)

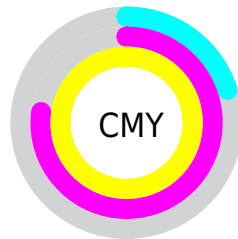


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (77%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3B00 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 CC3B00 by changing the saturation by 10% instead.



 CC3B00

 CC3B00

 FFFFF7

 AC1B00

 FF7339

 8C0000

 FF8F53

 6D0000

 FFAB6C

 4F0000

 FFC787

 330002

 FFE4A2

 000000

 FFFFBD

 FFFFDA

 CC3B00

 CC4A14

 CC5829

 CC673D

 CC7552

 CC8466

 CC927A

 CCA18F

 CCAFA3

 CCBEB8

# Harmonies

## Analogous

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



E1004D



CC3B00



A06100

# Triad

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



CC3B00



00894E



006BF3

# Complementary

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



CC3B00



0091CC

# 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.



0080F5



CC3B00



008B95

# Square

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



CC3B00



008400



0089D2



9E45CE

# Rectangle

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



CC3B00



7B7200



0089D2



0074F8



# Sweetspot

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



CC3B00



FFC9B3



CC0092



805F52



000000



808080



# Same Dimension

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



CC3B00



FF4A00



CCA000



665F5C



A63000



260B00

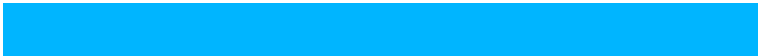


# Inverse Universe

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



0091CC



00B5FF



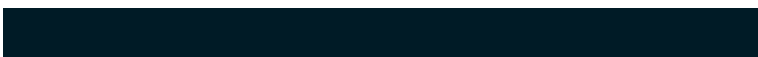
002CCC



5C6366



0076A6



001B26



# Previews

## White Background



This preview shows how the Hex color CC3B00 looks on a white background.

## Color Contrast Check

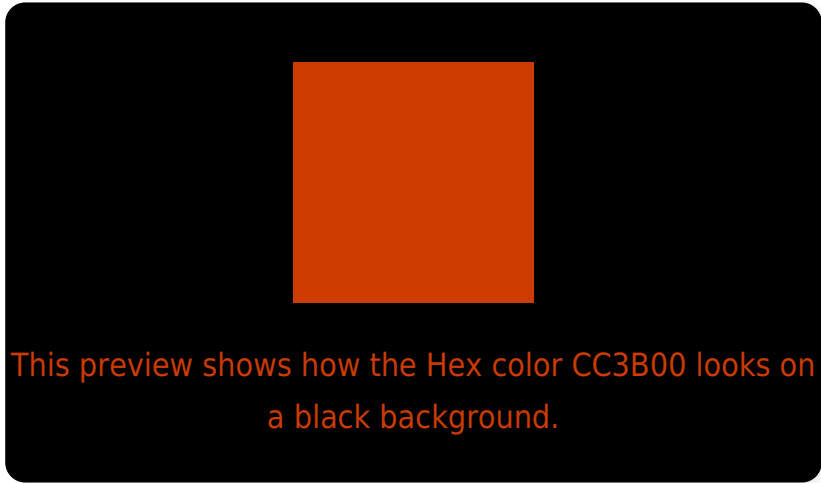
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3B00 Background



This preview shows how black text looks on a background with the Hex color CC3B00.



This preview shows how white text looks on a background with the Hex color CC3B00.

# 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



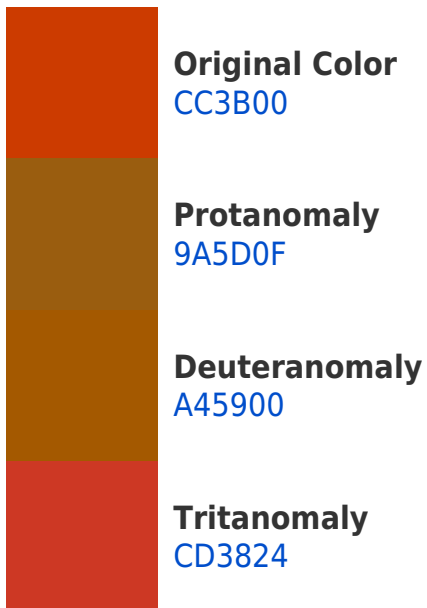
**Original Color**  
CC3B00

**Protanopia**  
7E7017

**Deuteranopia**  
8D6A00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3B00 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 #CC3B00 looks like.

```
.text, #text, p{  
    color:#CC3B00  
}
```

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 #CC3B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3B00
}
```

## Border

The CSS property to change the border of an element to Hex CC3B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

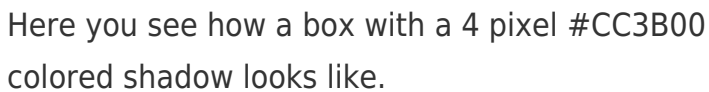
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC3B00 }
```

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

```
.border{ border-color:#CC3B00 }
```

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



Here you see how a box with a 4 pixel `#CC3B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3B00; -webkit-box-shadow:4px 4px  
4px 4px #CC3B00; box-shadow:4px 4px 4px  
4px #CC3B00 }
```

# Background

The CSS property to change the background color of an element to Hex CC3B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3B00 }
```

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

```
.background{ background-color:#CC3B00 }
```

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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