

# Converting Colors

Hex(CC0C00)

Have a look what the booklet for  
Hex(CC0C00) contains.

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# Color

Hex(**CC0C00**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0C00
RGB	204, 12, 0
RGB Percent	80%, 5%, 0%
CMY	0.2000, 0.9529, 1.0000
CMYK	0.00, 0.94, 1.00, 0.20
HSL	4°, 100%, 40%
HSV	4°, 100%, 80%
XYZ	25.0333, 13.1003, 1.2092
YIQ	68.0400, 118.2840, 36.9720

# Conversions

## Conversions Part 2

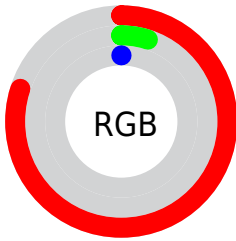
Format	Color
<a href="#">RYB</a>	<a href="#">204, 13, 0</a>
Decimal	<a href="#">13372416</a>
CIELab	<a href="#">42.91, 66.56, 56.95</a>
CIElCh	<a href="#">43, 87.603, 40.552</a>
Yxy	<a href="#">13.1003, 0.6363, 0.3330</a>
Android (android.graphics.Color)	<a href="#">4291562496</a> ( <a href="#">0xFFCC0C00</a> )
YUV	<a href="#">68.0400, -33.5437, 119.2369</a>
Hunter-Lab	<a href="#">36.1944, 60.1169, 23.3552</a>

# Details

The Hex color **CC0C00** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00C0CC**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5835**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CC0C00**, and if you desaturate by 10%, it is **CC1F14**.

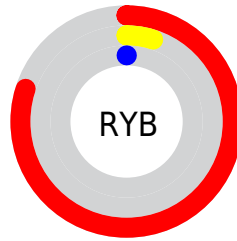
# Distribution



Red (80%)

Green (5%)

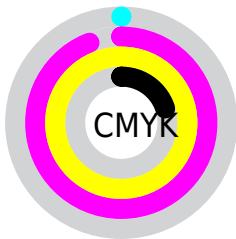
Blue (0%)



Red (80%)

Yellow (5%)

Blue (0%)

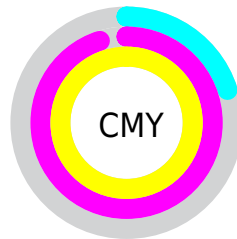


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0C00 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 CC0C00 by changing the saturation by 10% instead.



 CC0C00

 CC0C00

 FFFFEF

 AC0000

 FF5835

 8B0000

 FF754E

 6B0000

 FF9267

 4D0002

 FFAF81

 2F0002

 FFCD9B

 000000

 FFEAB7

 FFFFD3

 CC0C00

 CC1F14

 CC3229

 CC463D

 CC5952

 CC6C66

 CC7F7A

 CC928F

 CCA6A3

 CCB9B8

# Harmonies

## Analogous

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



DD0050



CC0C00



A14F00

# Triad

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



CC0C00



007F30



0068F7

# Complementary

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



CC0C00



00CC00

# 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.



007BF1



CC0C00



00817E

# Square

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



CC0C00



007900



0081C4



8040D6

# Rectangle

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



CC0C00



7B6400



0081C4



0070FA



# Sweetspot

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



CC0C00



FFB7B3



CC00C2



805452



000000



808080



# Same Dimension

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



CC0C00



FF0F00



CC7000



665C5C



A60A00



260200



# Inverse Universe

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



00C0CC



00F0FF



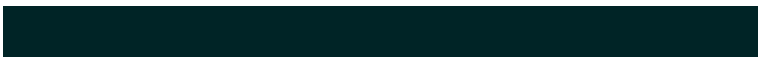
005CCC



5C6566



009CA6

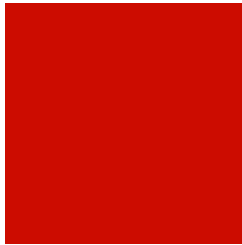


002426



# Previews

## White Background



This preview shows how the Hex color CC0C00 looks on a white background.

## Color Contrast Check

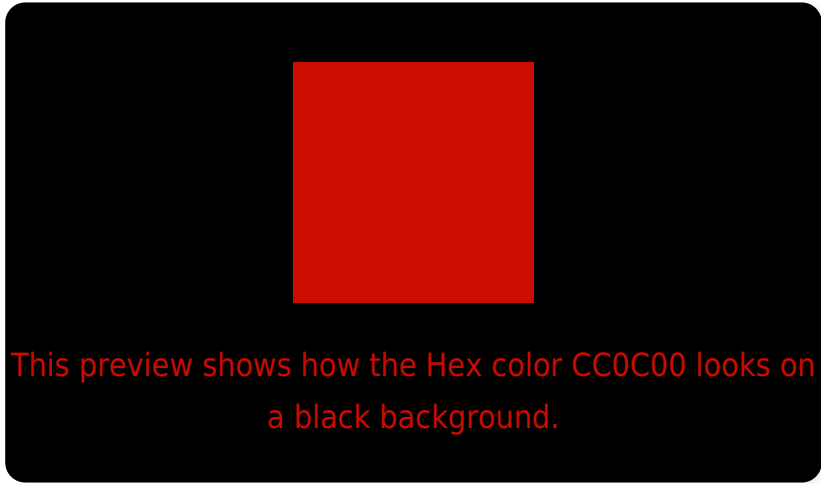
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0C00 Background



This preview shows how black text looks on a background with the Hex color CC0C00.



This preview shows how white text looks on a background with the Hex color CC0C00.

# 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



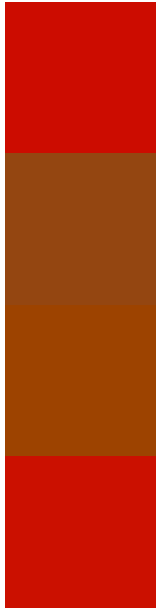
**Original Color**  
CC0C00

**Protanopia**  
74671A

**Deuteranopia**  
826200



# Trichromacy



**Original Color**  
CC0C00

**Protanomaly**  
944611

**Deuteranomaly**  
9D4300

**Tritanomaly**  
CB1000

# Monochromacy



**Original Color**  
CC0C00

**Achromatopsia**  
444444

**Achromatomaly**  
75302B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0C00 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 #CC0C00 looks like.

```
.text, #text, p{  
    color:#CC0C00  
}
```

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 #CC0C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0C00
}
```

## Border

The CSS property to change the border of an element to Hex CC0C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

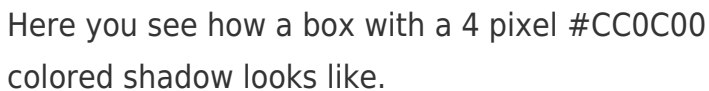
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC0C00 }
```

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

```
.border{ border-color:#CC0C00 }
```

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



Here you see how a box with a 4 pixel `#CC0C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0C00; -webkit-box-shadow:4px 4px  
4px 4px #CC0C00; box-shadow:4px 4px 4px  
4px #CC0C00 }
```

# Background

The CSS property to change the background color of an element to Hex CC0C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0C00 }
```

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

```
.background{ background-color:#CC0C00 }
```

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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