

# Converting Colors

Hex(C02C0C)

Have a look what the booklet for  
Hex(C02C0C) contains.

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# Color

Hex(C02C0C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C02C0C                    |
| RGB           | 192, 44, 12               |
| RGB Percent   | 75%, 17%, 5%              |
| CMY           | 0.2471, 0.8275, 0.9529    |
| CMYK          | 0.00, 0.77, 0.94, 0.25    |
| HSL           | 11°, 88%, 40%             |
| HSV           | 11°, 94%, 75%             |
| XYZ           | 22.7053, 13.0344, 1.6670  |
| YIQ           | 84.6040, 98.4800, 21.4240 |

# Conversions

## Conversions Part 2

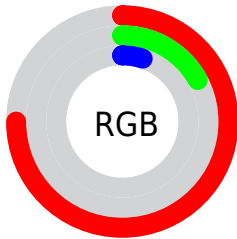
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 192, 51, 12                   |
| Decimal                             | 12594188                      |
| CIELab                              | 42.81, 56.73, 51.74           |
| CIElCh                              | 43, 76.782, 42.369            |
| Yxy                                 | 13.0344, 0.6070,<br>0.3485    |
| Android<br>(android.graphics.Color) | 4290784268<br>(0xFFC02C0C)    |
| YUV                                 | 84.6040, -35.7938,<br>94.1863 |
| Hunter-Lab                          | 36.1032, 49.0781,<br>22.5346  |

# Details

The Hex color **C02C0C** 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 **0CA0C0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF663E**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C02200**, and if you desaturate by 10%, it is **C03C1F**.

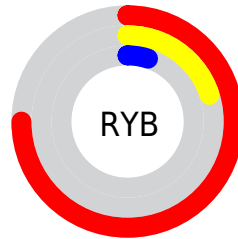
# Distribution



Red (75%)

Green (17%)

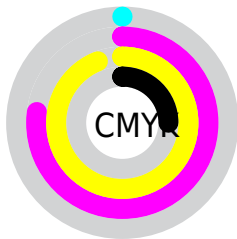
Blue (5%)



Red (75%)

Yellow (20%)

Blue (5%)

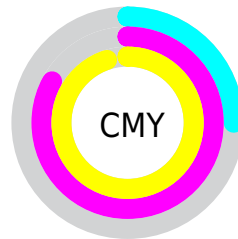


Cyan (0%)

Magenta (77%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (83%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C02C0C 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 C02C0C by changing the saturation by 10% instead.



 C02C0C

 C02C0C

 FFFFFFF9

 A00000

 FF663E

 810000

 FF8257

 620000

 FF9E70

 450002

 FFBA8A

 270001

 FFD7A5

 000000

 FFF4C0

 FFFFDC

 C02C0C

 C02C0C

 C02200

 C03C1F

 C04C32

 C05B46

 C06B59

 C07B6C

 C08B7F

 C09B92

 C0AAA6

 C0BAB9

# Harmonies

## Analogous

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



D0004E



C02C0C



9A5400

# Triad

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



C02C0C



007D3C



0065E3

# Complementary

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



C02C0C



0CA0C0

# 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.



0077E0



C02C0C



007F7F

# Square

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



C02C0C



007700



007EBA



8444C4

# Rectangle

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



C02C0C



786500



007EBA



006DE6



# Sweetspot

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



C02C0C



FAC0B4



C00CA2



7D5A52



FCFCFC



7D7D7D



# Same Dimension

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



C02C0C



FA2C00



C0840C



615957



A11D00



210600



# Inverse Universe

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



0CA0C0



00CDFA



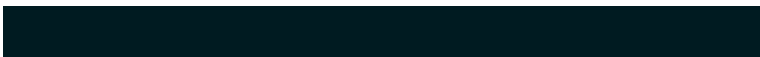
0C48C0



575F61



0084A1



001B21



# Previews

## White Background



This preview shows how the Hex color C02C0C looks on a white background.

## Color Contrast Check

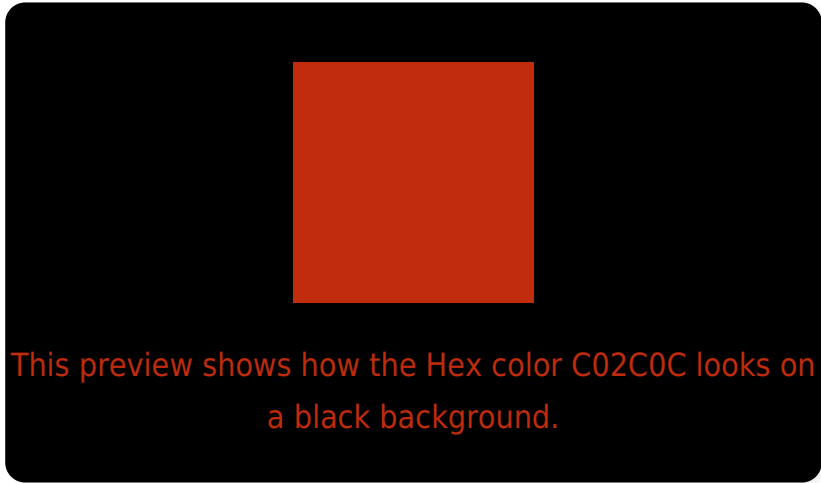
Large Text (above 18pt) WCAG AA ✓ Pass

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 C02C0C Background



This preview shows how black text looks on a background with the Hex color C02C0C.



This preview shows how white text looks on a background with the Hex color C02C0C.

# 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**  
C02C0C

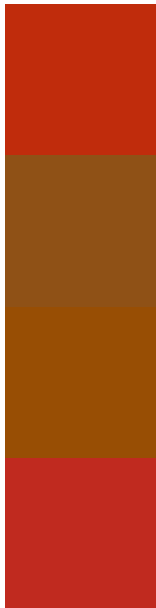
**Protanopia**  
73661B

**Deuteranopia**  
816100



**Tritanopia**  
C0292A

# Trichromacy



**Original Color**  
C02C0C

**Protanomaly**  
8F5116

**Deuteranomaly**  
984E04

**Tritanomaly**  
C02A1F

# Monochromacy



**Original Color**  
C02C0C

**Achromatopsia**  
555555

**Achromatomaly**  
7C463A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C02C0C 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 #C02C0C looks like.

```
.text, #text, p{  
    color:#C02C0C  
}
```

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 #C02C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02C0C
}
```

## Border

The CSS property to change the border of an element to Hex C02C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

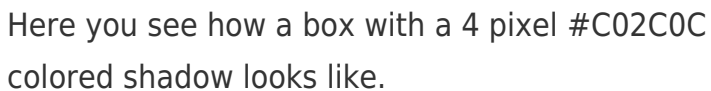
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C02C0C }
```

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

```
.border{ border-color:#C02C0C }
```

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



Here you see how a box with a 4 pixel `#C02C0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02C0C; -webkit-box-shadow:4px 4px  
4px 4px #C02C0C; box-shadow:4px 4px 4px  
4px #C02C0C }
```

# Background

The CSS property to change the background color of an element to Hex C02C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02C0C }
```

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

```
.background{ background-color:#C02C0C }
```

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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