

# Converting Colors

Hex(C0120C)

Have a look what the booklet for  
Hex(C0120C) contains.

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**Color**

**Hex(C0120C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0120C
RGB	192, 18, 12
RGB Percent	75%, 7%, 5%
CMY	0.2471, 0.9294, 0.9529
CMYK	0.00, 0.91, 0.94, 0.25
HSL	2°, 88%, 40%
HSV	2°, 94%, 75%
XYZ	22.0209, 11.6656, 1.4389
YIQ	69.3420, 105.6300, 35.0220

# Conversions

## Conversions Part 2

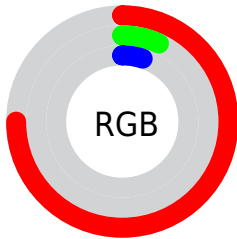
Format	Color
<a href="#">RYB</a>	<a href="#">192, 18, 12</a>
Decimal	<a href="#">12587532</a>
CIELab	<a href="#">40.68, 62.78, 50.44</a>
CIElCh	<a href="#">41, 80.535, 38.778</a>
Yxy	<a href="#">11.6656, 0.6269, 0.3321</a>
Android (android.graphics.Color)	<a href="#">4290777612 (0xFFC0120C)</a>
YUV	<a href="#">69.3420, -28.2696, 107.5711</a>
Hunter-Lab	<a href="#">34.1550, 55.3139, 21.4107</a>

# Details

The Hex color **C0120C** 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 **0CBAC0**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF583C**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **C00600**, and if you desaturate by 10%, it is **C0251F**.

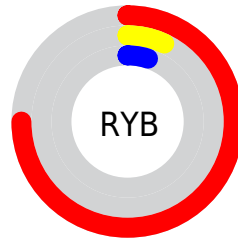
# Distribution



Red (75%)

Green (7%)

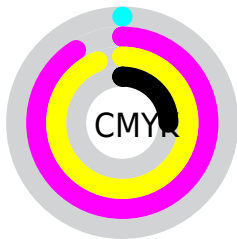
Blue (5%)



Red (75%)

Yellow (7%)

Blue (5%)

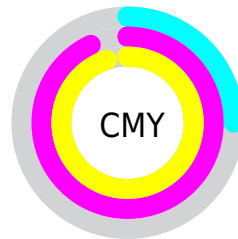


Cyan (0%)

Magenta (91%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (93%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0120C 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 C0120C by changing the saturation by 10% instead.



 C0120C

 C0120C

 FFFFFFF6

 A00000

 FF583C

 800000

 FF7454

 610000

 FF916E

 450003

 FFAE87

 240001

 FFCBA2

 000000

 FFE8BD

 FFFFDA

 C0120C

 C0120C

 C00600

 C0251F

 C03732

 C04A46

 C05C59

 C06F6C

 C0817F

 C09492

 C0A6A6

 C0B9B9

# Harmonies

## Analogous

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



CE0050



C0120C



9A4A00

# Triad

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



C0120C



00772B



0063E5

# Complementary

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



C0120C



0CBAC0

# 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.



0074DD



C0120C



007A72

# Square

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



C0120C



007100



007AB2



7341C9

# Rectangle

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



C0120C



785D00



007AB2



006BE7



# Sweetspot

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



C0120C



FAB6B4



C00CBA



7D5452



FCFCFC



7D7D7D



# Same Dimension

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



C0120C



FA0800



C06C0C



615857



A10500



210100



# Inverse Universe

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



0CBAC0



00F2FA



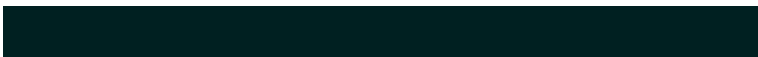
0C60C0



576161



009BA1



002021



# Previews

## White Background



This preview shows how the Hex color C0120C looks on a white background.

## Color Contrast Check

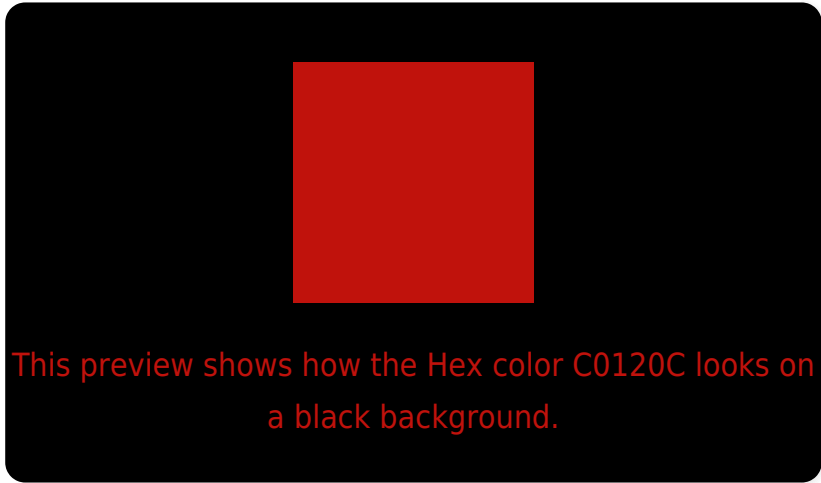
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0120C Background



This preview shows how black text looks on a background with the Hex color C0120C.



This preview shows how white text looks on a background with the Hex color C0120C.

# 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



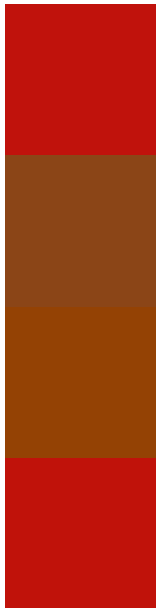
**Original Color**  
C0120C

**Protanopia**  
6D621D

**Deuteranopia**  
7B5D00



# Trichromacy



**Original Color**  
C0120C

**Protanomaly**  
8B4517

**Deuteranomaly**  
944204

**Tritanomaly**  
C0120A

# Monochromacy



**Original Color**  
C0120C

**Achromatopsia**  
454545

**Achromatomaly**  
723230

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0120C 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 #C0120C looks like.

```
.text, #text, p{  
    color:#C0120C  
}
```

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 #C0120C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0120C
}
```

## Border

The CSS property to change the border of an element to Hex C0120C is called "border". The border property can be set on classes, ids or directly on the HTML element.

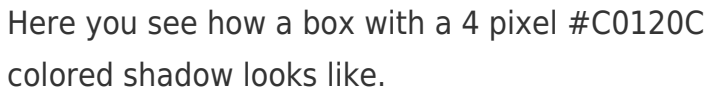
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0120C }
```

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

```
.border{ border-color:#C0120C }
```

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



Here you see how a box with a 4 pixel `#C0120C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0120C; -webkit-box-shadow:4px 4px  
4px 4px #C0120C; box-shadow:4px 4px 4px  
4px #C0120C }
```

# Background

The CSS property to change the background color of an element to Hex C0120C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0120C }
```

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

```
.background{ background-color:#C0120C }
```

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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