

Converting Colors

Hex(CF0011)

Have a look what the booklet for
Hex(CF0011) contains.

Hex(CF0011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CF0011)

Conversions

Conversions Part 1

Format	Color
Hex	CF0011
RGB	207, 0, 17
RGB Percent	81%, 0%, 7%
CMY	0.1882, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.92, 0.19
HSL	355°, 100%, 41%
HSV	355°, 100%, 81%
XYZ	25.8333, 13.3059, 1.7370
YIQ	63.8310, 117.9150, 49.1710

Conversions

Conversions Part 2

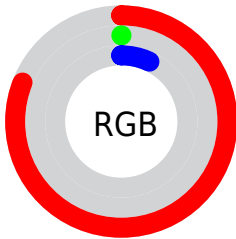
Format	Color
R_{YB}	207, 0, 17
Decimal	13565969
CIE Lab	43.22, 68.62, 51.76
CIE LCh	43, 85.949, 37.026
Yxy	13.3059, 0.6320, 0.3255
Android (android.graphics.Color)	4291756049 (0xFFCF0011)
YUV	63.8310, -23.0877, 125.5592
Hunter-Lab	36.4772, 62.5793, 22.7107

Details

The Hex color **CF0011** 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 **00CFBE**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5640**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CF0011**, and if you desaturate by 10%, it is **CF1524**.

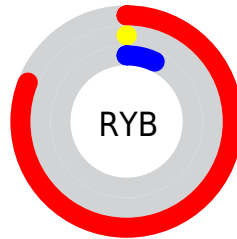
Distribution



Red (81%)

Green (0%)

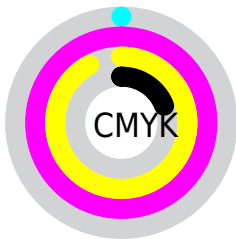
Blue (7%)



Red (81%)

Yellow (0%)

Blue (7%)

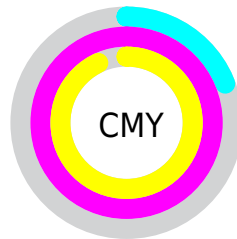


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (19%)



Cyan (19%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF0011 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 CF0011 by changing the saturation by 10% instead.

 CF0011

 CF0011

 FFFFFB

 AF0000

 FF5640

 8E0000

 FF7459

 6E0000

 FF9172

 500002

 FFAE8C

 320002

 FFCCA7

 000000

 FFE9C2

 FFFFDE

 CF0011

 CF1524

 CF2937

 CF3E4A

 CF535D

 CF6870

 CF7C83

 CF9196

 CFA6A9

 CFBABC

Harmonies

Analogous

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



DC0059



CF0011



A84C00

Triad

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



CF0011



007F28



006BF7

Complementary

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



CF0011



00CFBE

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.



007CEB



CF0011



008276

Square

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



CF0011



047800



0082BB



7348DA

Rectangle

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



CF0011



836100



0082BB



0073F8

Sweetspot

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



CF0011



FFB3B9



BE00CF



805255



000000



808080

Same Dimension

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



CF0011



FF0015



CF5600



695E5F



A8000E



290003

Inverse Universe

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



CF0011



FF0015



0079CF



695E5F



A8000E



290003

Previews

White Background



This preview shows how the Hex color CF0011 looks on a white background.

Color Contrast Check

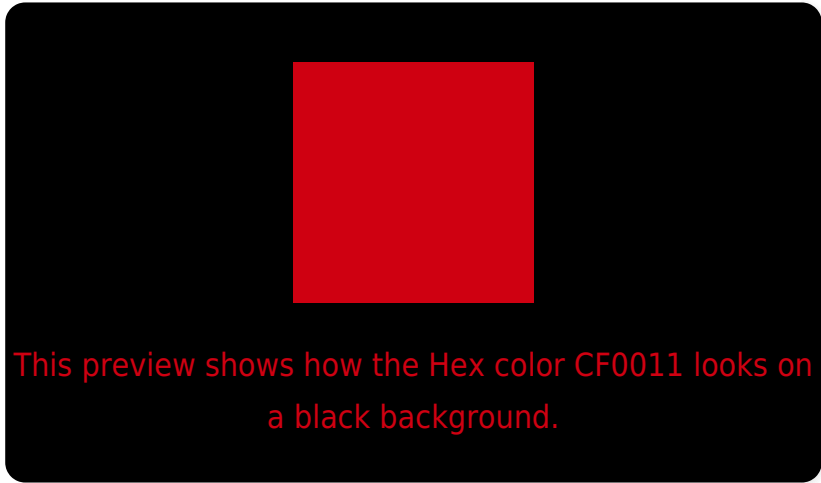
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF0011 Background



This preview shows how black text looks on a background with the Hex color CF0011.



This preview shows how white text looks on a background with the Hex color CF0011.

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
CF0011

Protanopia
756923

Deuteranopia
846300



Trichromacy



Original Color
CF0011

Protanomaly
96431C

Deuteranomaly
9F3F06

Tritanomaly
CE0C06

Monochromacy



Original Color
CF0011

Achromatopsia
404040

Achromatomaly
74292F

CSS Examples

Text

The CSS property to change the color of the text to Hex CF0011 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 #CF0011 looks like.

```
.text, #text, p{  
    color:#CF0011  
}
```

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 #CF0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0011  
}
```

Border

The CSS property to change the border of an element to Hex CF0011 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".

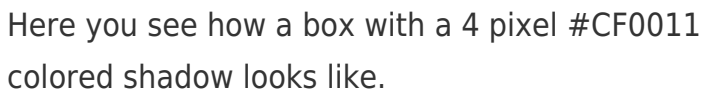
```
.border, #border, table{ border:4px solid  
#CF0011 }
```

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

```
.border{ border-color:#CF0011 }
```

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

Here you see how a box with a 4 pixel #CF0011 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0011; -webkit-box-shadow:4px 4px  
4px 4px #CF0011; box-shadow:4px 4px 4px  
4px #CF0011 }
```

Background

The CSS property to change the background color of an element to Hex CF0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0011 }
```

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

```
.background{ background-color:#CF0011 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor