

# Converting Colors

Hex(CF2F00)

Have a look what the booklet for  
Hex(CF2F00) contains.

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**Color**

**Hex(CF2F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2F00
RGB	207, 47, 0
RGB Percent	81%, 18%, 0%
CMY	0.1882, 0.8157, 1.0000
CMYK	0.00, 0.77, 1.00, 0.19
HSL	14°, 100%, 41%
HSV	14°, 100%, 81%
XYZ	26.7486, 15.2984, 1.5431
YIQ	89.4820, 110.4470, 19.3030

# Conversions

## Conversions Part 2

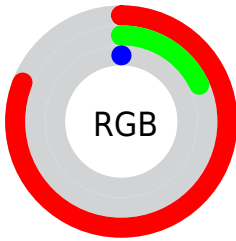
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 61, 0
Decimal	13577984
CIE <sub>Lab</sub>	46.04, 60.25, 58.57
CIE <sub>LCh</sub>	46, 84.021, 44.190
Yxy	15.2984, 0.6136, 0.3510
Android (android.graphics.Color)	4291768064 (0xFFCF2F00)
YUV	89.4820, -44.1146, 103.0633
Hunter-Lab	39.1132, 53.6240, 25.0402

# Details

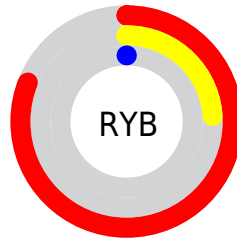
The Hex color **CF2F00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00A0CF**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6A38**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **CF2F00**, and if you desaturate by 10%, it is **CF3F15**.

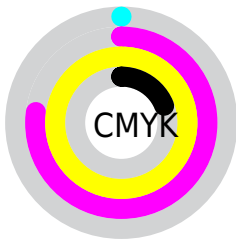
# Distribution



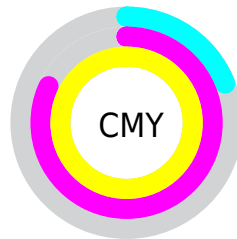
- Red (81%)
- Green (18%)
- Blue (0%)



- Red (81%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (100%)
- Black (19%)



- Cyan (19%)
- Magenta (82%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF2F00 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 CF2F00 by changing the saturation by 10% instead.



 CF2F00

 CF2F00

 FFFFF5

 AF0000

 FF6A38

 8F0000

 FF8651

 6F0000

 FFA36B

 510001

 FFBF85

 340002

 FFDDA0

 000000

 FFFABC

 FFFFD8

 CF2F00

 CF3F15

 CF4F29

 CF5F3E

 CF6F53

 CF7F68

 CF8F7C

 CF9F91

 CFAFA6

 CFBFBA

# Harmonies

## Analogous

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



E30050



CF2F00



A35C00

# Triad

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



CF2F00



008744



006CF8

# Complementary

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



CF2F00



00A0CF

# 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.



0080F7



CF2F00



00898E

# Square

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



CF2F00



008100



0088CF



9544D4

# Rectangle

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



CF2F00



7D6E00



0088CF



0074FC



# Sweetspot

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



CF2F00



FFC4B3



CF00A2



805C52



000000



808080



# Same Dimension

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



CF2F00



FF3A00



CF9400



69605E



A82600



290900



# Inverse Universe

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



00A0CF



00C5FF



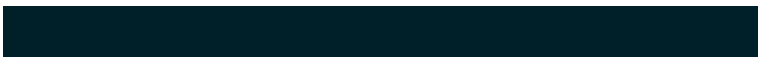
003BCF



5E6669



0082A8



002029



# Previews

## White Background



This preview shows how the Hex color CF2F00 looks on a white background.

## Color Contrast Check

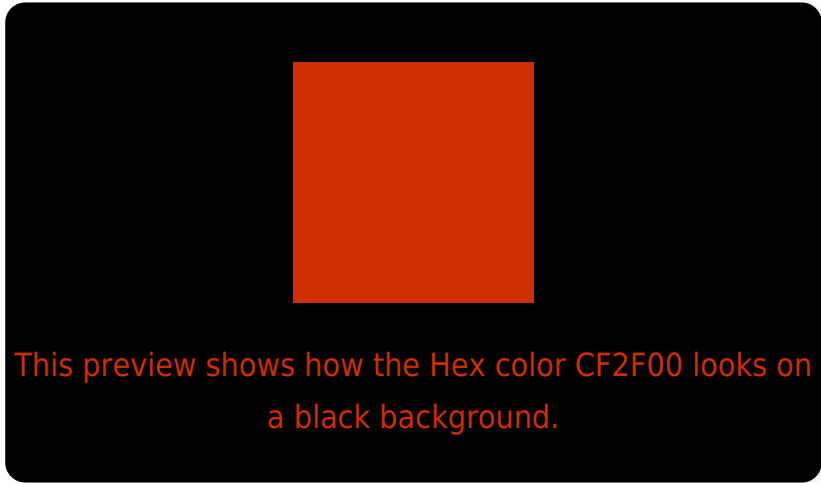
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2F00 Background



This preview shows how black text looks on a background with the Hex color CF2F00.



This preview shows how white text looks on a background with the Hex color CF2F00.

# 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



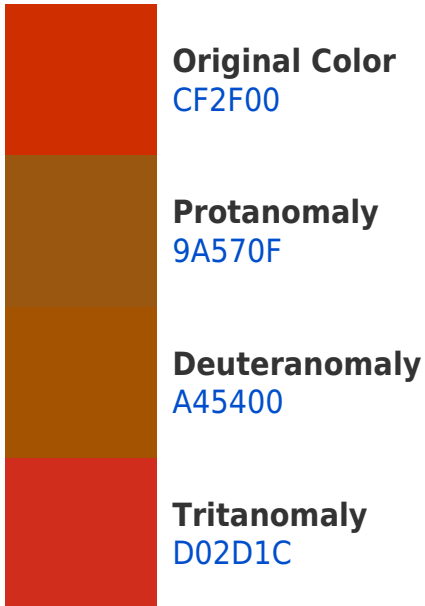
**Original Color**  
CF2F00

**Protanopia**  
7C6E18

**Deuteranopia**  
8B6900



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF2F00 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 #CF2F00 looks like.

```
.text, #text, p{  
    color:#CF2F00  
}
```

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 #CF2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2F00
}
```

## Border

The CSS property to change the border of an element to Hex CF2F00 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
#CF2F00 }
```

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

```
.border{ border-color:#CF2F00 }
```

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

Here you see how a box with a 4 pixel #CF2F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2F00; -webkit-box-shadow:4px 4px  
4px 4px #CF2F00; box-shadow:4px 4px 4px  
4px #CF2F00 }
```

# Background

The CSS property to change the background color of an element to Hex CF2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2F00 }
```

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

```
.background{ background-color:#CF2F00 }
```

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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