

# Converting Colors

Hex(CF2F1D)

Have a look what the booklet for  
Hex(CF2F1D) contains.

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# Color

**Hex(CF2F1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2F1D
RGB	207, 47, 29
RGB Percent	81%, 18%, 11%
CMY	0.1882, 0.8157, 0.8863
CMYK	0.00, 0.77, 0.86, 0.19
HSL	6°, 75%, 46%
HSV	6°, 86%, 81%
XYZ	26.9704, 15.3871, 2.7109
YIQ	92.7880, 101.1380, 28.3220

# Conversions

## Conversions Part 2

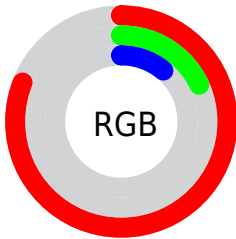
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 49, 29</a>
Decimal	<a href="#">13578013</a>
CIELab	<a href="#">46.16, 60.63, 48.77</a>
CIElCh	<a href="#">46, 77.814, 38.813</a>
Yxy	<a href="#">15.3871, 0.5984, 0.3414</a>
Android (android.graphics.Color)	<a href="#">4291768093</a> ( <a href="#">0xFFCF2F1D</a> )
YUV	<a href="#">92.7880, -31.4475, 100.1639</a>
Hunter-Lab	<a href="#">39.2264, 54.0826, 23.3610</a>

# Details

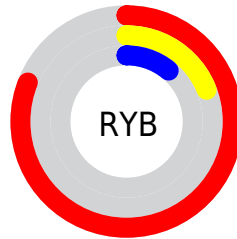
The Hex color **CF2F1D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1DBDCF**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6A4C**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **CF1C08**, and if you desaturate by 10%, it is **CF4232**.

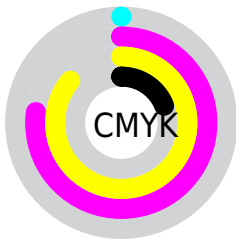
# Distribution



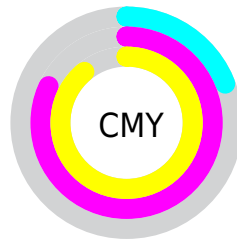
- Red (81%)
- Green (18%)
- Blue (11%)



- Red (81%)
- Yellow (19%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (86%)
- Black (19%)



- Cyan (19%)
- Magenta (82%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF2F1D 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 CF2F1D by changing the saturation by 10% instead.



 CF2F1D

 CF2F1D

FFFFFF

 AF0004

 FF6A4C

 900000

 FF8765

 700000

 FFA37F

 520001

 FFC099

 350002

 FFDDB4

 030000

 FFFBD0

 000000

 FFFFEC

 CF2F1D

 CF2F1D

■ CF1C08

■ CF4232

■ CF1500

■ CF5446

■ CF675B

■ CF7970

■ CF8C85

■ CF9F99

■ CFB1AE

■ CFC4C3

■ CFD6D7

# Harmonies

## Analogous

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



DC005D



CF2F1D



AA5800

# Triad

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



CF2F1D



00863A



0070F0

# Complementary

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



CF2F1D



1DBDCF

# 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.



0081E8



CF2F1D



008880

# Square

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



CF2F1D



227F00



0088BF



8351D4

# Rectangle

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



CF2F1D



886A00



0088BF



0077F2



# Sweetspot

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



CF2F1D



FFC3BD



CF1DBD



805C58



000000



808080



# Same Dimension

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



CF2F1D



FF1A00



CF881D



695F5E



A81100



290400



# Inverse Universe

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



1DBDCF



00E5FF



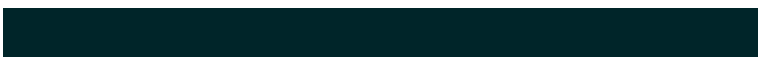
1D64CF



5E6769



0097A8



002529



# Previews

## White Background



This preview shows how the Hex color CF2F1D looks on a white background.

## Color Contrast Check

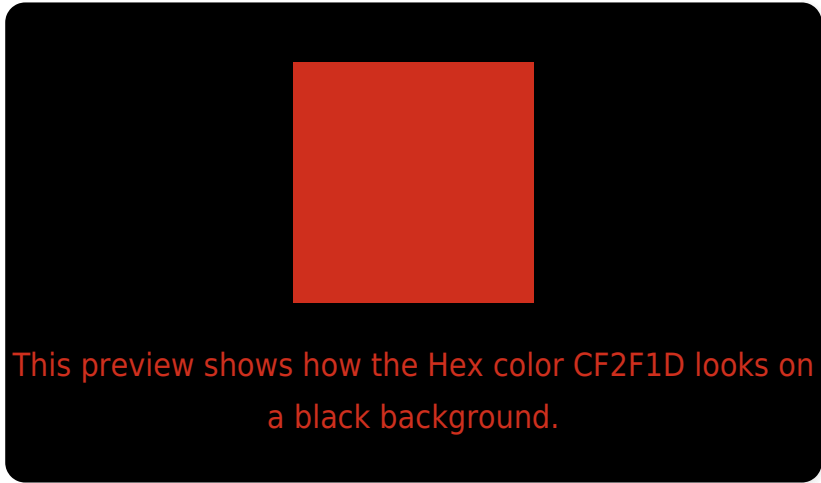
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2F1D Background



This preview shows how black text looks on a background with the Hex color CF2F1D.



This preview shows how white text looks on a background with the Hex color CF2F1D.

# 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**  
CF2F1D

**Protanopia**  
7B6E2C

**Tritanopia**  
CF2D2E

# Trichromacy

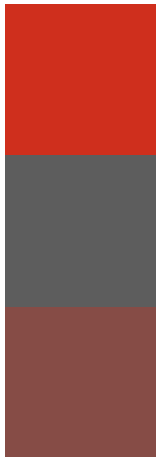


**Original Color**  
CF2F1D

**Protanomaly**  
9A5727

**Tritanomaly**  
CF2E28

# Monochromacy



**Original Color**  
CF2F1D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
864C46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF2F1D 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 #CF2F1D looks like.

```
.text, #text, p{  
    color:#CF2F1D  
}
```

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 #CF2F1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2F1D
}
```

## Border

The CSS property to change the border of an element to Hex CF2F1D 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
#CF2F1D }
```

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

```
.border{ border-color:#CF2F1D }
```

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

Here you see how a box with a 4 pixel #CF2F1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2F1D; -webkit-box-shadow:4px 4px  
4px 4px #CF2F1D; box-shadow:4px 4px 4px  
4px #CF2F1D }
```

# Background

The CSS property to change the background color of an element to Hex CF2F1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2F1D }
```

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

```
.background{ background-color:#CF2F1D }
```

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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