

# Converting Colors

Hex(CF3713)

Have a look what the booklet for  
Hex(CF3713) contains.

<b>Hex(CF3713)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CF3713)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF3713
RGB	207, 55, 19
RGB Percent	81%, 22%, 7%
CMY	0.1882, 0.7843, 0.9255
CMYK	0.00, 0.73, 0.91, 0.19
HSL	11°, 83%, 44%
HSV	11°, 91%, 81%
XYZ	27.2159, 16.0448, 2.2786
YIQ	96.3440, 102.1480, 21.0280

# Conversions

## Conversions Part 2

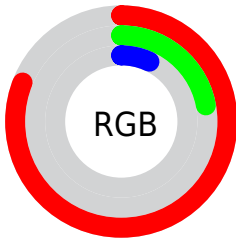
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 64, 19
Decimal	13580051
CIE Lab	47.03, 57.86, 53.56
CIE LCh	47, 78.849, 42.790
Yxy	16.0448, 0.5976, 0.3523
Android (android.graphics.Color)	4291770131 (0xFFCF3713)
YUV	96.3440, -38.1306, 97.0453
Hunter-Lab	40.0560, 51.1832, 24.6664

# Details

The Hex color **CF3713** 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 **13ABCF**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF7045**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **CF2800**, and if you desaturate by 10%, it is **CF4828**.

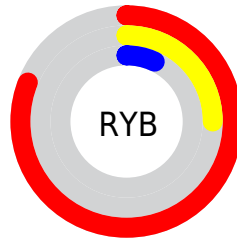
# Distribution



Red (81%)

Green (22%)

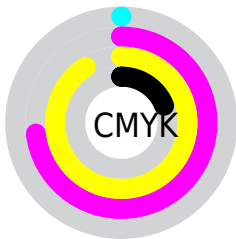
Blue (7%)



Red (81%)

Yellow (25%)

Blue (7%)

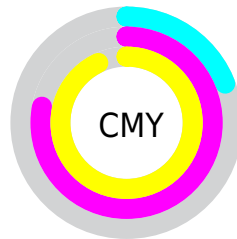


Cyan (0%)

Magenta (73%)

Yellow (91%)

Black (19%)



Cyan (19%)

Magenta (78%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF3713 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 CF3713 by changing the saturation by 10% instead.



 CF3713

 CF3713

FFFFFF

 AF1300

 FF7045

 8F0000

 FF8C5E

 700000

 FFA877

 520000

 FFC592

 360002

 FFE2AD

 050000

 FFFFC8

 000000

 FFFFEE

 CF3713

 CF3713

■ CF2800

■ CF4828

■ CF583C

■ CF6951

■ CF7A66

■ CF8B7A

■ CF9B8F

■ CFACA4

■ CFBDB9

■ CFCECD

# Harmonies

## Analogous

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



E00057



CF3713



A75E00

# Triad

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



CF3713



008945



006FF3

# Complementary

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



CF3713



13ABCF

# 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.



0082F0



CF3713



008B8B

# Square

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



CF3713



018300



008AC9



924DD2

# Rectangle

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



CF3713



836F00



008AC9



0077F6



# Sweetspot

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



CF3713



FFC7BA



CF13AD



805F57



000000



808080



# Same Dimension

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



CF3713



FF3100



CF9313



69605E



A82000



290800

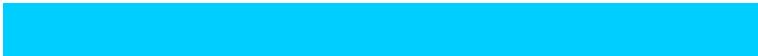


# Inverse Universe

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



13ABCF



00CEFF



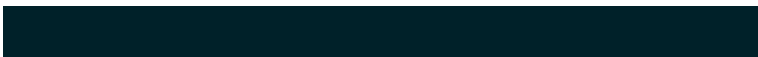
134FCF



5E6769



0088A8



002129



# Previews

## White Background



This preview shows how the Hex color CF3713 looks on a white background.

## Color Contrast Check

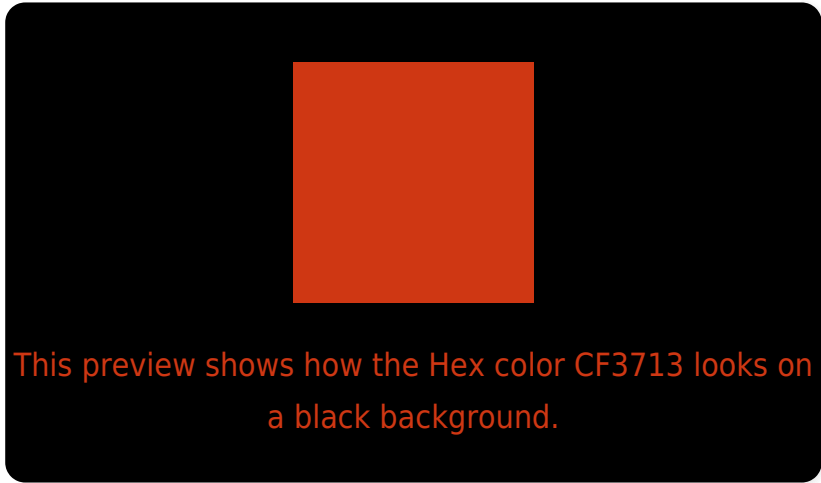
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF3713 Background



This preview shows how black text looks on a background with the Hex color CF3713.



This preview shows how white text looks on a background with the Hex color CF3713.

# 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



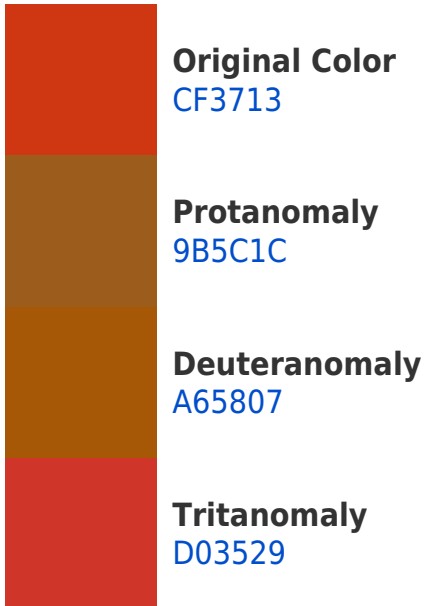
**Original Color**  
CF3713

**Protanopia**  
7E7121

**Deuteranopia**  
8E6B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF3713 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 #CF3713 looks like.

```
.text, #text, p{  
    color:#CF3713  
}
```

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 #CF3713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3713
}
```

## Border

The CSS property to change the border of an element to Hex CF3713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

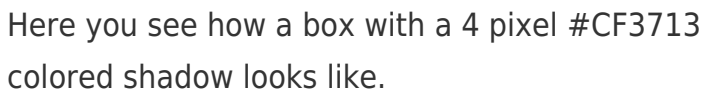
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF3713 }
```

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

```
.border{ border-color:#CF3713 }
```

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



Here you see how a box with a 4 pixel `#CF3713` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3713; -webkit-box-shadow:4px 4px  
4px 4px #CF3713; box-shadow:4px 4px 4px  
4px #CF3713 }
```

# Background

The CSS property to change the background color of an element to Hex CF3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3713 }
```

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

```
.background{ background-color:#CF3713 }
```

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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