

# Converting Colors

Hex(CF650D)

Have a look what the booklet for  
Hex(CF650D) contains.

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**Color**

**Hex(CF650D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF650D
RGB	207, 101, 13
RGB Percent	81%, 40%, 5%
CMY	0.1882, 0.6039, 0.9490
CMYK	0.00, 0.51, 0.94, 0.19
HSL	27°, 88%, 43%
HSV	27°, 94%, 81%
XYZ	30.4585, 22.6018, 3.1380
YIQ	122.6620, 91.4240, -4.8960

# Conversions

## Conversions Part 2

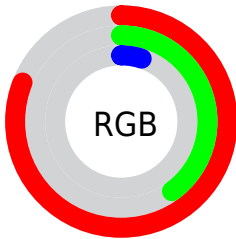
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 174, 13
Decimal	13591821
CIE <sub>Lab</sub>	54.66, 37.59, 60.51
CIE <sub>LCh</sub>	55, 71.234, 58.150
Yxy	22.6018, 0.5420, 0.4022
Android (android.graphics.Color)	4291781901 (0xFFCF650D)
YUV	122.6620, -54.0634, 73.9644
Hunter-Lab	47.5414, 31.1627, 29.3655

# Details

The Hex color **CF650D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0D77CF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9A47**, and **913300** is the 20% darker color. If you saturate the color by 10%, you get **CF5E00**, and if you desaturate by 10%, it is **CF7022**.

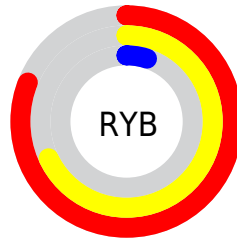
# Distribution



Red (81%)

Green (40%)

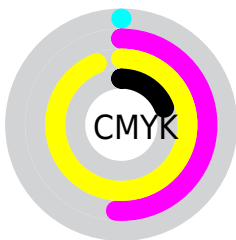
Blue (5%)



Red (81%)

Yellow (68%)

Blue (5%)

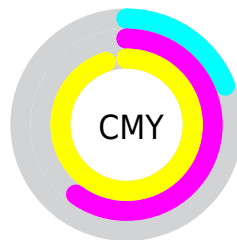


Cyan (0%)

Magenta (51%)

Yellow (94%)

Black (19%)



Cyan (19%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF650D 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 CF650D by changing the saturation by 10% instead.



 CF650D

 CF650D

FFFFFF

 B04C00

 FF9A47

 913300

 FFB561

 731900

 FFD17B

 560000

 FFEE96

 3A0000

 FFFFB2

 1C0001

 FFFFCE

 000000

 FFFFEB

 CF650D

 CF650D

■ CF5E00

■ CF7022

■ CF7C36

■ CF874B

■ CF9260

■ CF9E75

■ CFA989

■ CFB49E

■ CFBFB3

■ CFCBC7

# Harmonies

## Analogous

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



EB474D



CF650D



A17F00

# Triad

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



CF650D



009E7D



7574F1

# Complementary

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



CF650D



0D77CF

# 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.



008CFF



CF650D



009EBC

# Square

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



CF650D



00993D



0099EB



C854C5

# Rectangle

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



CF650D



7B8B00



0099EB



3F7DF9



# Sweetspot

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



CF650D



FFD8B8



CF0D78



806854



000000



808080



# Same Dimension

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



CF650D



FF7400



CFC50D



69635E



A84C00



291300

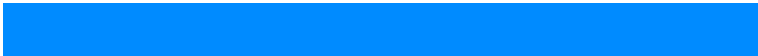


# Inverse Universe

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



0D77CF



008BFF



0D17CF



5E6469



005CA8



001629



# Previews

## White Background



This preview shows how the Hex color CF650D looks on a white background.

## Color Contrast Check

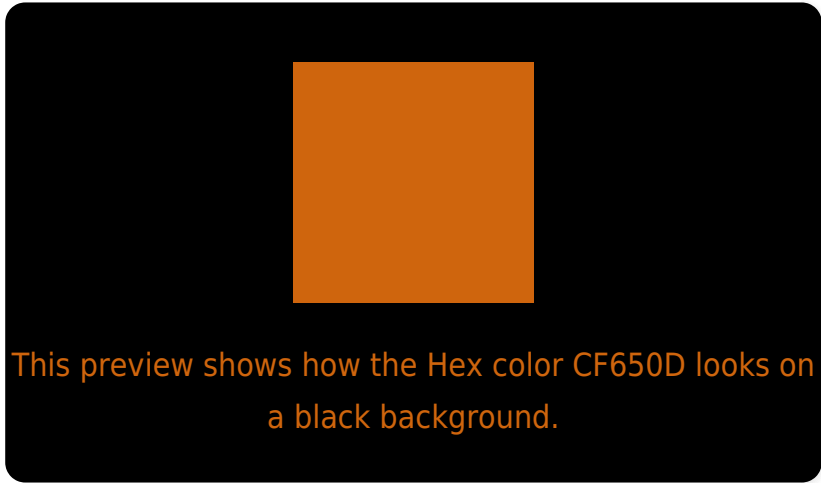
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CF650D Background



This preview shows how black text looks on a background with the Hex color CF650D.



This preview shows how white text looks on a background with the Hex color CF650D.

# 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**  
CF650D

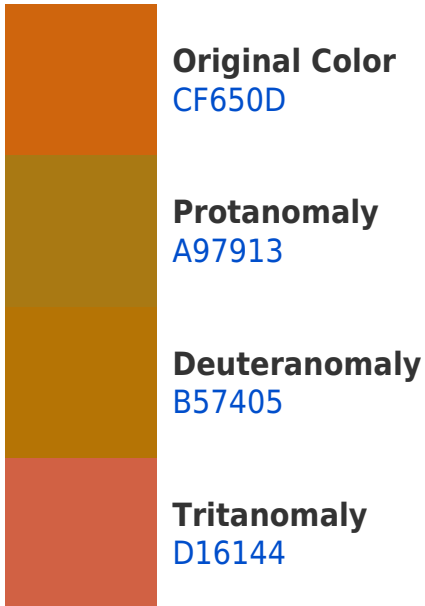
**Protanopia**  
948417

**Deuteranopia**  
A67D00



**Tritanopia**  
D25E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF650D 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 #CF650D looks like.

```
.text, #text, p{  
    color:#CF650D  
}
```

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 #CF650D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF650D
}
```

## Border

The CSS property to change the border of an element to Hex CF650D 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
#CF650D }
```

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

```
.border{ border-color:#CF650D }
```

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

Here you see how a box with a 4 pixel #CF650D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF650D; -webkit-box-shadow:4px 4px  
4px 4px #CF650D; box-shadow:4px 4px 4px  
4px #CF650D }
```

# Background

The CSS property to change the background color of an element to Hex CF650D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF650D }
```

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

```
.background{ background-color:#CF650D }
```

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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