

# Converting Colors

Hex(CF822D)

Have a look what the booklet for  
Hex(CF822D) contains.

|                                                |    |
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# Color

Hex(CF822D)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CF822D                      |
| RGB         | 207, 130, 45                |
| RGB Percent | 81%, 51%, 18%               |
| CMY         | 0.1882, 0.4902, 0.8235      |
| CMYK        | 0.00, 0.37, 0.78, 0.19      |
| HSL         | 31°, 64%, 49%               |
| HSV         | 31°, 78%, 81%               |
| XYZ         | 34.1884, 29.4201, 6.3593    |
| YIQ         | 143.3330, 73.1770, -10.1110 |

# Conversions

## Conversions Part 2

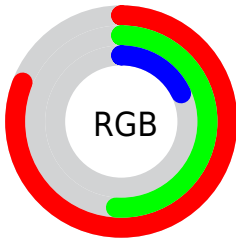
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 192, 207, 45                   |
| Decimal                             | 13599277                       |
| CIE <sub>Lab</sub>                  | 61.15, 23.04, 55.42            |
| CIE <sub>LCh</sub>                  | 61, 60.021, 67.422             |
| Yxy                                 | 29.4201, 0.4886,<br>0.4205     |
| Android<br>(android.graphics.Color) | 4291789357<br>(0xFFCF822D)     |
| YUV                                 | 143.3330, -48.4782,<br>55.8360 |
| Hunter-Lab                          | 54.2403, 17.5904,<br>31.0168   |

# Details

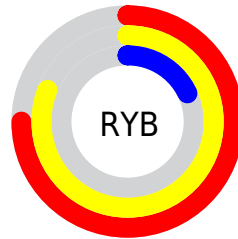
The Hex color **CF822D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2D7ACF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB761**, and **935000** is the 20% darker color. If you saturate the color by 10%, you get **CF7818**, and if you desaturate by 10%, it is **CF8C42**.

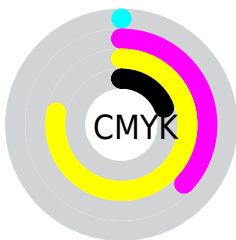
# Distribution



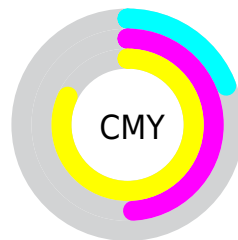
- Red (81%)
- Green (51%)
- Blue (18%)



- Red (75%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (78%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF822D 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 CF822D by changing the saturation by 10% instead.



 CF822D

 CF822D

FFFFFF

 B16910

 FFB761

 935000

 FFD37B

 763900

 FFEF96

 592200

 FFFFB2

 3E0C00

 FFFFCE

 270000

 FFFFEA

 000000

 CF822D

 CF822D

 CF7818

 CF8C42

 CF6E04

 CF9656

 CF6D00

 CFA06B

 CFA980

 CFB395

 CFBDA9

 CFC7BE

 CFD1D3

 CFDBE7

# Harmonies

## Analogous

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



EC6D56



CF822D



A3951C

# Triad

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



CF822D



00ADA0



A780E8

# Complementary

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



CF822D



2D7ACF

# 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.



3495FD



CF822D



00ABD3

# Square

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



CF822D



00AA69



00A4F5



DE6ABD

# Rectangle

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



CF822D



7F9F2C



00A4F5



8C87F2

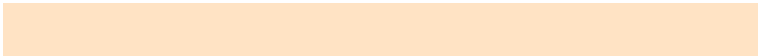


# Sweetspot

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



CF822D



FFE3C4



CF2D7B



806F5C



000000



808080



# Same Dimension

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



CF822D



FF8D0F



CCCF2D



69645E



A85800



291500



# Inverse Universe

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



2D7ACF



0F81FF



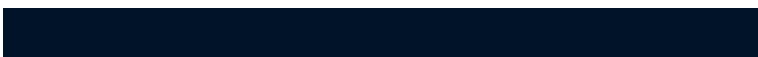
302DCF



5E6369



0050A8



001329



# Previews

## White Background



This preview shows how the Hex color CF822D looks on a white background.

## Color Contrast Check

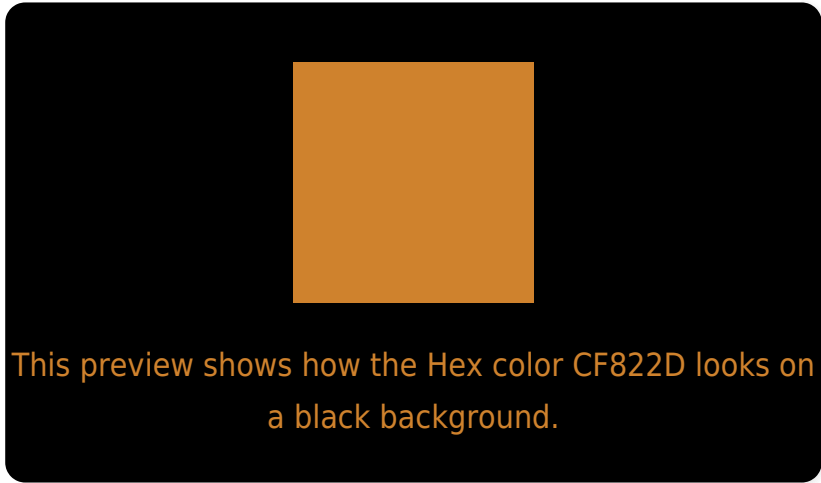
Large Text (above 18pt) WCAG AA ✓ Pass

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

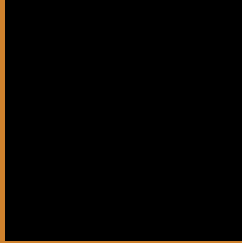
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CF822D Background



This preview shows how black text looks on a background with the Hex color CF822D.



This preview shows how white text looks on a background with the Hex color CF822D.

# 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**  
CF822D

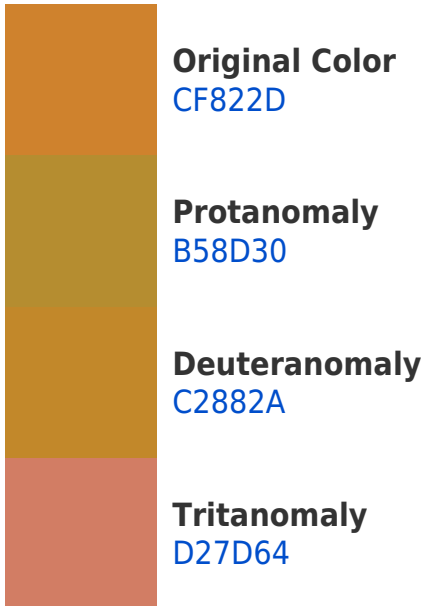
**Protanopia**  
A69432

**Deuteranopia**  
BA8C29



**Tritanopia**  
D47A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF822D 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 #CF822D looks like.

```
.text, #text, p{  
    color:#CF822D  
}
```

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 #CF822D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF822D
}
```

## Border

The CSS property to change the border of an element to Hex CF822D 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
#CF822D }
```

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

```
.border{ border-color:#CF822D }
```

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

Here you see how a box with a 4 pixel #CF822D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF822D; -webkit-box-shadow:4px 4px  
4px 4px #CF822D; box-shadow:4px 4px 4px  
4px #CF822D }
```

# Background

The CSS property to change the background color of an element to Hex CF822D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF822D }
```

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

```
.background{ background-color:#CF822D }
```

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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