

Converting Colors

Hex(CF732D)

Have a look what the booklet for
Hex(CF732D) contains.

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Color

Hex(CF732D)

Conversions

Conversions Part 1

Format	Color
Hex	CF732D
RGB	207, 115, 45
RGB Percent	81%, 45%, 18%
CMY	0.1882, 0.5490, 0.8235
CMYK	0.00, 0.44, 0.78, 0.19
HSL	26°, 64%, 49%
HSV	26°, 78%, 81%
XYZ	32.3365, 25.7163, 5.7420
YIQ	134.5280, 77.3020, -2.2660

Conversions

Conversions Part 2

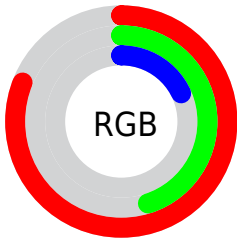
Format	Color
R _Y B	207, 168, 45
Decimal	13595437
CIE Lab	57.77, 31.09, 52.18
CIE LCh	58, 60.743, 59.214
Yxy	25.7163, 0.5069, 0.4031
Android (android.graphics.Color)	4291785517 (0xFFCF732D)
YUV	134.5280, -44.1373, 63.5579
Hunter-Lab	50.7113, 25.0775, 28.7845

Details

The Hex color **CF732D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2D89CF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA860**, and **934100** is the 20% darker color. If you saturate the color by 10%, you get **CF6718**, and if you desaturate by 10%, it is **CF7F42**.

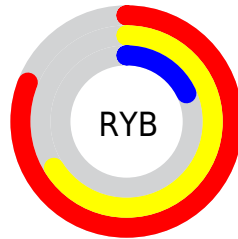
Distribution



Red (81%)

Green (45%)

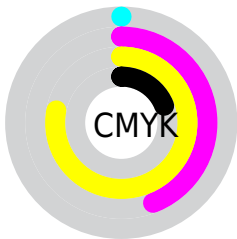
Blue (18%)



Red (81%)

Yellow (66%)

Blue (18%)

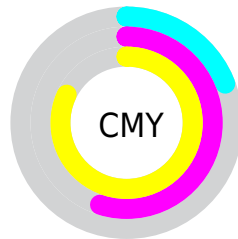


Cyan (0%)

Magenta (44%)

Yellow (78%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF732D 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 CF732D by changing the saturation by 10% instead.

 CF732D

 CF732D

FFFFFF

 B15A12

 FFA860

 934100

 FFC37A

 752900

 FFE094

 581100

 FFFCAF

 3C0000

 FFFFEB

 230001

 FFFFEB

 000000

 CF732D

 CF732D

 CF6718

 CF7F42

 CF5B04

 CF8B56

 CF5900

 CF966B

 CFA280

 CFAE95

 CFBAA9

 CFC5BE

 CFD1D3

 CFDDE7

Harmonies

Analogous

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



E75E5A



CF732D



A6880B

Triad

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



CF732D



00A388



877DE8

Complementary

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



CF732D



2D89CF

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.



0091F5



CF732D



00A3BD

Square

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



CF732D



149F51



009EE6



C965C2

Rectangle

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



CF732D



859215



009EE6



6585F0

Sweetspot

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



CF732D



FFDEC4



CF2D8B



806B5C



000000



808080

Same Dimension

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



CF732D



FF770F



CFC22D



69635E



A84900



291200

Inverse Universe

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



2D89CF



0F97FF



2D3ACF



5E6469



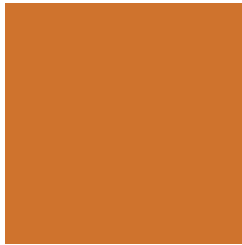
0060A8



001729

Previews

White Background



This preview shows how the Hex color CF732D looks on a white background.

Color Contrast Check

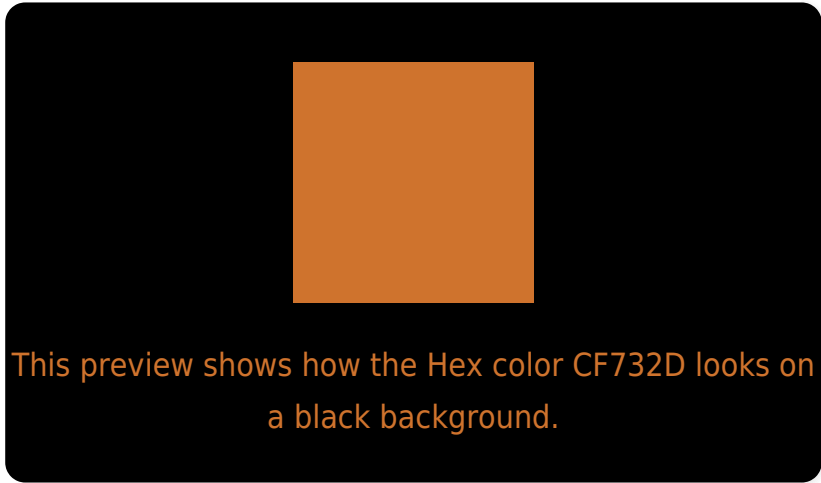
Large Text (above 18pt) WCAG AA ✓ Pass

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

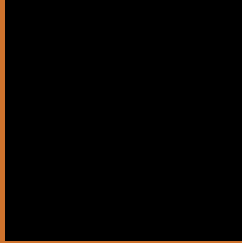
Any Text WCAG AA ✓ Pass

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 CF732D Background



This preview shows how black text looks on a background with the Hex color CF732D.



This preview shows how white text looks on a background with the Hex color CF732D.

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
CF732D

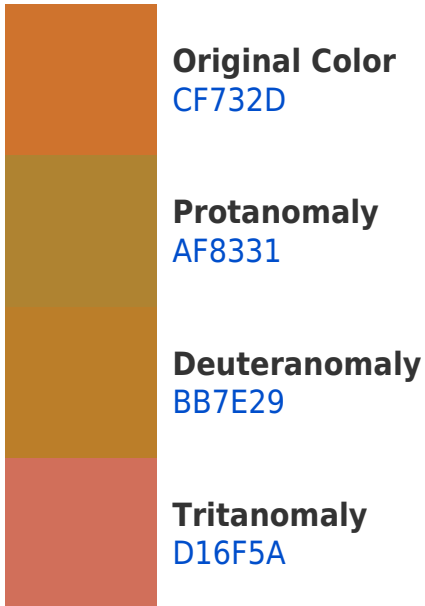
Protanopia
9C8C34

Deuteranopia
AF8427



Tritanopia
D26C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF732D 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 #CF732D looks like.

```
.text, #text, p{  
    color:#CF732D  
}
```

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 #CF732D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF732D
}
```

Border

The CSS property to change the border of an element to Hex CF732D 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
#CF732D }
```

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

```
.border{ border-color:#CF732D }
```

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

Here you see how a box with a 4 pixel #CF732D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF732D; -webkit-box-shadow:4px 4px  
4px 4px #CF732D; box-shadow:4px 4px 4px  
4px #CF732D }
```

Background

The CSS property to change the background color of an element to Hex CF732D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF732D }
```

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

```
.background{ background-color:#CF732D }
```

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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