

Converting Colors

Hex(CF480E)

Have a look what the booklet for
Hex(CF480E) contains.

Hex(CF480E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CF480E)

Conversions

Conversions Part 1

Format	Color
Hex	CF480E
RGB	207, 72, 14
RGB Percent	81%, 28%, 5%
CMY	0.1882, 0.7176, 0.9451
CMYK	0.00, 0.65, 0.93, 0.19
HSL	18°, 87%, 43%
HSV	18°, 93%, 81%
XYZ	28.1288, 17.9318, 2.3941
YIQ	105.7530, 99.0780, 10.5820

Conversions

Conversions Part 2

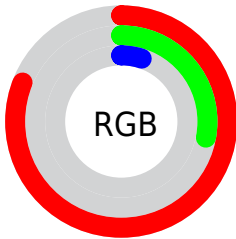
Format	Color
R_{YB}	207, 97, 14
Decimal	13584398
CIE _{Lab}	49.41, 51.25, 56.75
CIE _{LCh}	49, 76.466, 47.917
Yxy	17.9318, 0.5805, 0.3701
Android (android.graphics.Color)	4291774478 (0xFFCF480E)
YUV	105.7530, -45.2342, 88.7936
Hunter-Lab	42.3460, 44.4649, 26.2901

Details

The Hex color **CF480E** 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 **0E95CF**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7E43**, and **900500** is the 20% darker color. If you saturate the color by 10%, you get **CF3E00**, and if you desaturate by 10%, it is **CF5623**.

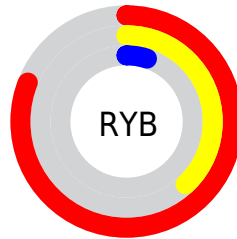
Distribution



Red (81%)

Green (28%)

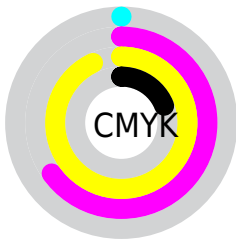
Blue (5%)



Red (81%)

Yellow (38%)

Blue (5%)

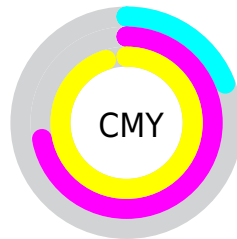


Cyan (0%)

Magenta (65%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (72%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF480E 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 CF480E by changing the saturation by 10% instead.

 CF480E

 CF480E

FFFFFF

 AF2C00

 FF7E43

 900500

 FF9A5D

 710000

 FFB676

 530000

 FFD291

 380002

 FFEFAC

 0E0000

 FFFFC8

 000000

 FFFF E5

 CF480E

 CF480E

■ CF3E00

■ CF5623

■ CF6537

■ CF734C

■ CF8261

■ CF9076

■ CF9F8A

■ CFAD9F

■ CFBCB4

■ CFCAC8

Harmonies

Analogous

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



E41C52



CF480E



A46900

Triad

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



CF480E



008F58



0070F3

Complementary

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



CF480E



0E95CF

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.



0085F6



CF480E



00919C

Square

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



CF480E



008A06



008FD6



A64DCE

Rectangle

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



CF480E



7F7800



008FD6



0079F8

Sweetspot

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



CF480E



FFCDB8



CF0E95



806154



000000



808080

Same Dimension

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



CF480E



FF4D00



CFA80E



69615E



A83300



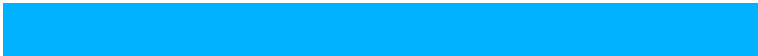
290C00

Inverse Universe

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



0E95CF



00B2FF



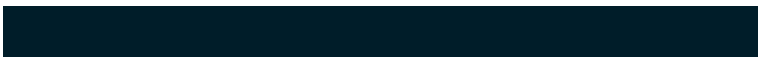
0E35CF



5E6569



0076A8



001D29

Previews

White Background



This preview shows how the Hex color CF480E looks on a white background.

Color Contrast Check

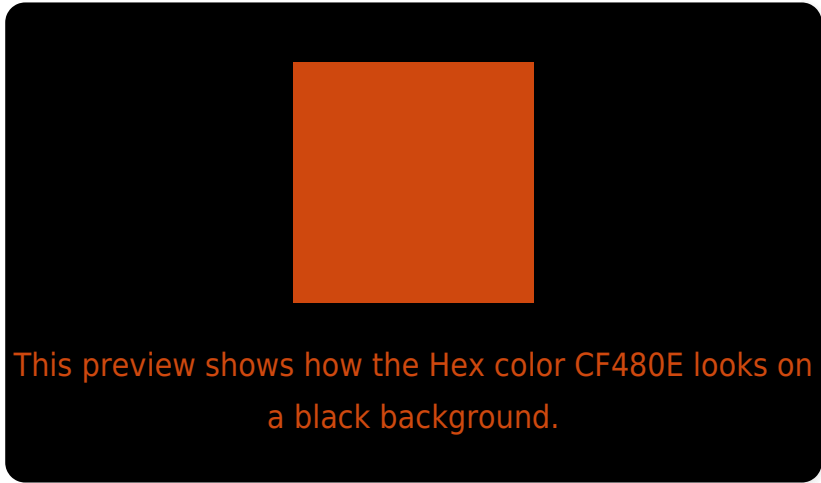
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 CF480E Background



This preview shows how black text looks on a background with the Hex color CF480E.

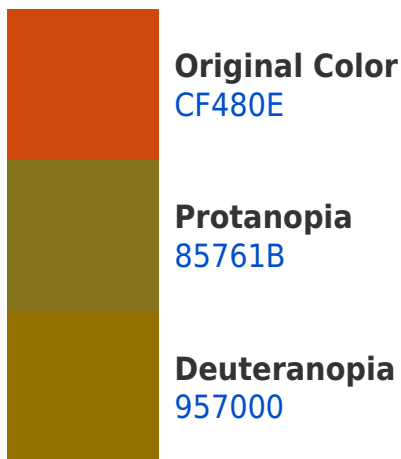


This preview shows how white text looks on a background with the Hex color CF480E.

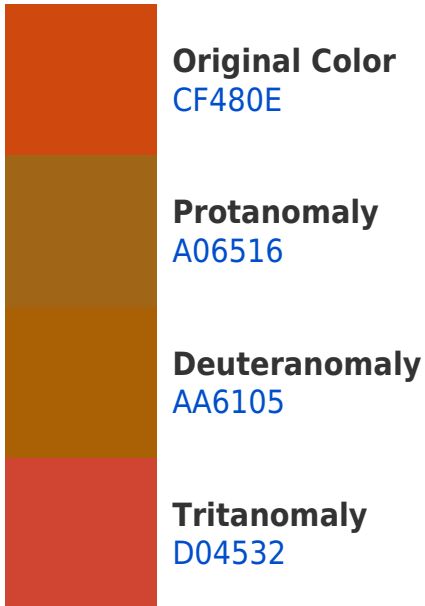
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF480E 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 #CF480E looks like.

```
.text, #text, p{  
    color:#CF480E  
}
```

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 #CF480E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF480E
}
```

Border

The CSS property to change the border of an element to Hex CF480E 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".

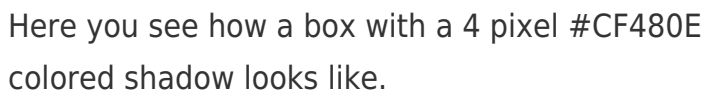
```
.border, #border, table{ border:4px solid
#CF480E }
```

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

```
.border{ border-color:#CF480E }
```

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

Here you see how a box with a 4 pixel #CF480E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF480E; -webkit-box-shadow:4px 4px  
4px 4px #CF480E; box-shadow:4px 4px 4px  
4px #CF480E }
```

Background

The CSS property to change the background color of an element to Hex CF480E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF480E }
```

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

```
.background{ background-color:#CF480E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor