

Converting Colors

Hex(CF8800)

Have a look what the booklet for
Hex(CF8800) contains.

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Color

Hex(CF8800)

Conversions

Conversions Part 1

Format	Color
Hex	CF8800
RGB	207, 136, 0
RGB Percent	81%, 53%, 0%
CMY	0.1882, 0.4667, 1.0000
CMYK	0.00, 0.34, 1.00, 0.19
HSL	39°, 100%, 41%
HSV	39°, 100%, 81%
XYZ	34.5363, 30.8737, 4.1390
YIQ	141.7250, 85.9720, -27.2440

Conversions

Conversions Part 2

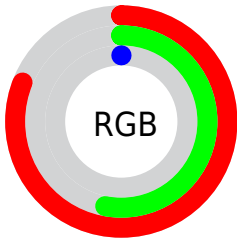
Format	Color
RYB	108, 207, 0
Decimal	13600768
CIELab	62.40, 18.86, 67.93
CIElCh	62, 70.496, 74.484
Yxy	30.8737, 0.4966, 0.4439
Android (android.graphics.Color)	4291790848 (0xFFCF8800)
YUV	141.7250, -69.8704, 57.2462
Hunter-Lab	55.5641, 13.7108, 34.4784

Details

The Hex color **CF8800** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0047CF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBD47**, and **935600** is the 20% darker color. If you saturate the color by 10%, you get **CF8800**, and if you desaturate by 10%, it is **CF8F15**.

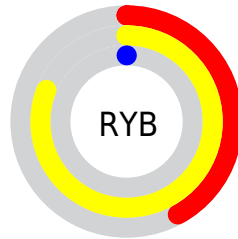
Distribution



Red (81%)

Green (53%)

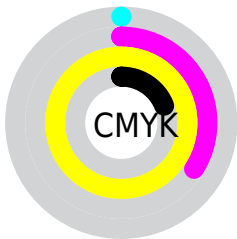
Blue (0%)



Red (42%)

Yellow (81%)

Blue (0%)

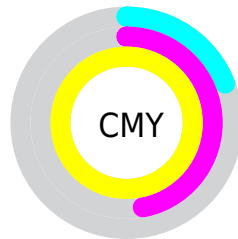


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF8800 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 CF8800 by changing the saturation by 10% instead.

 CF8800

 CF8800

FFFFFF

 B16F00

 FFBD47

 935600

 FFD963

 753F00

 FFF57E

 582900

 FFFF9A

 3D1400

 FFFFB6

 260000

 FFFFD3

 000000

 FFFFF0

 CF8800

 CF8F15

 CF9629

 CF9D3E

 CFA453

 CFAC68

 CFB37C

 CFBA91

 CFC1A6

 CFC8BA

Harmonies

Analogous

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



F66D41



CF8800



989D00

Triad

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



CF8800



00B4B4



C078F1

Complementary

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



CF8800



0047CF

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.



4694FF



CF8800



00B1EE

Square

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



CF8800



00B273



00A7FF



F65CBA

Rectangle

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



CF8800



6BA720



00A7FF



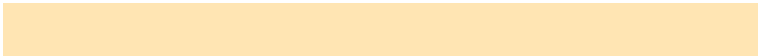
A382FF

Sweetspot

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



CF8800



FFE5B3



CF0048



807052



000000



808080

Same Dimension

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



CF8800



FFA800



B0CF00



69655E



A86F00



291B00

Inverse Universe

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



0047CF



0057FF



1F00CF



5E6269



003AA8



000E29

Previews

White Background



This preview shows how the Hex color CF8800 looks on a white background.

Color Contrast Check

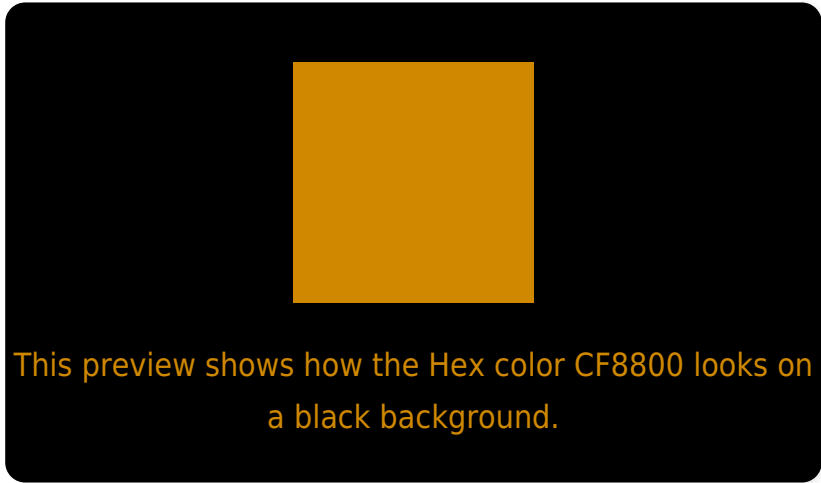
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex CF8800 Background



This preview shows how black text looks on a background with the Hex color CF8800.



This preview shows how white text looks on a background with the Hex color CF8800.

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](#).

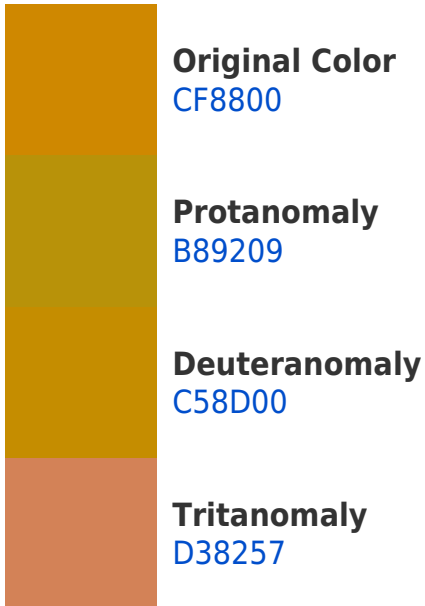
Dichromacy





Tritanopia
D57E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF8800 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 #CF8800 looks like.

```
.text, #text, p{  
    color:#CF8800  
}
```

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 #CF8800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF8800  
}
```

Border

The CSS property to change the border of an element to Hex CF8800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

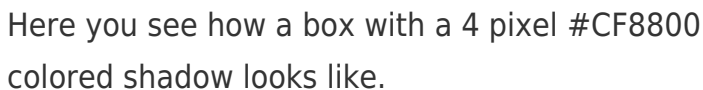
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CF8800 }
```

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

```
.border{ border-color:#CF8800 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a 4px orange shadow. The text inside the box is: "Here you see how a box with a 4 pixel #CF8800 colored shadow looks like."

Here you see how a box with a 4 pixel #CF8800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF8800; -webkit-box-shadow:4px 4px  
4px 4px #CF8800; box-shadow:4px 4px 4px  
4px #CF8800 }
```

Background

The CSS property to change the background color of an element to Hex CF8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF8800 }
```

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

```
.background{ background-color:#CF8800 }
```

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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