

# Converting Colors

Hex(CF8907)

Have a look what the booklet for  
Hex(CF8907) contains.

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**Color**

**Hex(CF8907)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF8907
RGB	207, 137, 7
RGB Percent	81%, 54%, 3%
CMY	0.1882, 0.4627, 0.9725
CMYK	0.00, 0.34, 0.97, 0.19
HSL	39°, 93%, 42%
HSV	39°, 97%, 81%
XYZ	34.7161, 31.1721, 4.3881
YIQ	143.1100, 83.4500, -25.5900

# Conversions

## Conversions Part 2

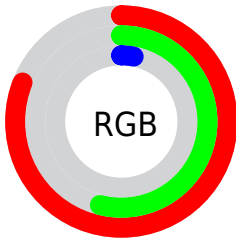
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 207, 7
Decimal	13601031
CIELab	62.65, 18.39, 67.04
CIElCh	63, 69.515, 74.659
Yxy	31.1721, 0.4940, 0.4436
Android (android.graphics.Color)	4291791111 (0xFFCF8907)
YUV	143.1100, -67.1022, 56.0315
Hunter-Lab	55.8319, 13.2849, 34.4225

# Details

The Hex color **CF8907** 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 **074DCF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFBE4A**, and **935700** is the 20% darker color. If you saturate the color by 10%, you get **CF8700**, and if you desaturate by 10%, it is **CF901C**.

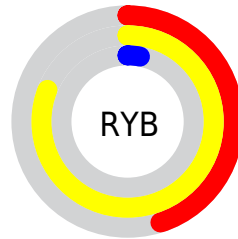
# Distribution



Red (81%)

Green (54%)

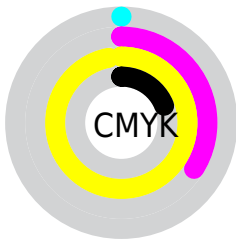
Blue (3%)



Red (45%)

Yellow (81%)

Blue (3%)

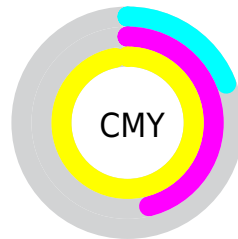


Cyan (0%)

Magenta (34%)

Yellow (97%)

Black (19%)



Cyan (19%)

Magenta (46%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF8907 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 CF8907 by changing the saturation by 10% instead.



 CF8907

 CF8907

FFFFFF

 B17000

 FFBE4A

 935700

 FFDA66

 754000

 FFF781

 592A00

 FFFF9C

 3D1400

 FFFFB9

 260000

 FFFFD5

 000000

 FFFFF2

 CF8907

 CF8907

■ CF8700

■ CF901C

■ CF9730

■ CF9F45

■ CFA65A

■ CFAD6E

■ CFB483

■ CFBC98

■ CFC3AD

■ CFCAC1

# Harmonies

## Analogous

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



F66E42



CF8907



999E00

# Triad

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



CF8907



00B4B5



C079F0

# Complementary

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



CF8907



074DCF

# 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.



4C94FF



CF8907



00B1ED

# Square

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



CF8907



00B275



00A7FF



F65EBA

# Rectangle

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



CF8907



6CA823



00A7FF



A483FE



# Sweetspot

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



CF8907



FFE5B5



CF074D



807053



000000



808080



# Same Dimension

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



CF8907



FFA600



B1CF07



69655E



A86D00



291B00



# Inverse Universe

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



074DCF



0059FF



2507CF



5E6269



003BA8

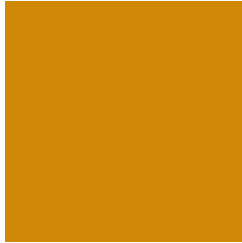


000E29



# Previews

## White Background



This preview shows how the Hex color CF8907 looks on a white background.

## Color Contrast Check

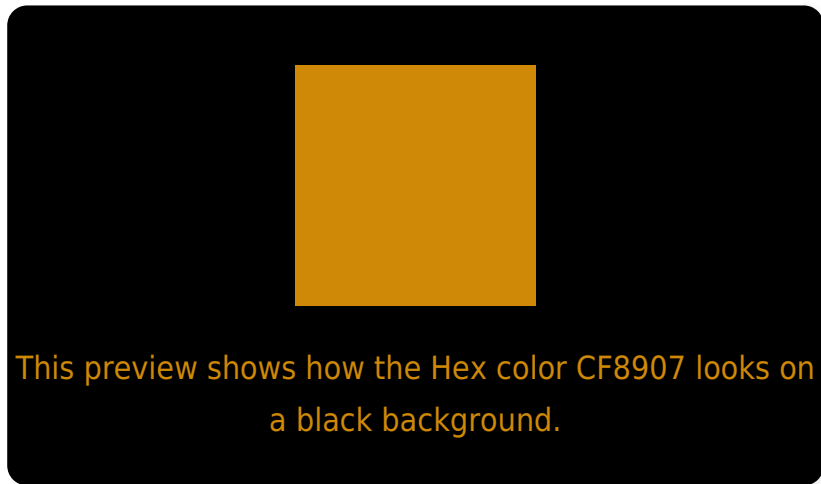
Large Text (above 18pt) WCAG AA × Fail

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 CF8907 Background



This preview shows how black text looks on a background with the Hex color CF8907.

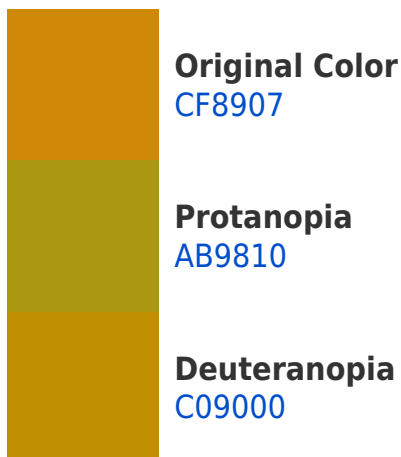


This preview shows how white text looks on a background with the Hex color CF8907.

# 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](#).

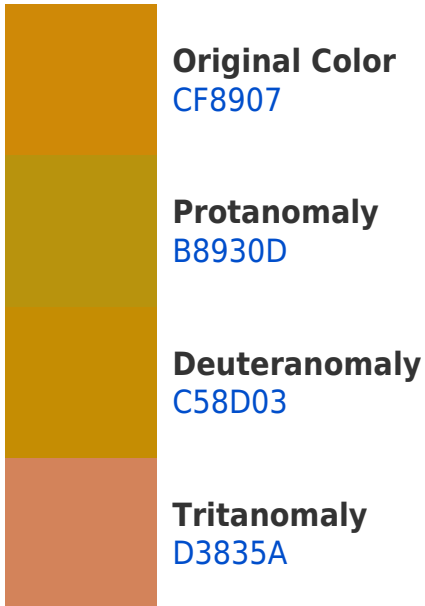
## Dichromacy





**Tritanopia**  
D57F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF8907 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 #CF8907 looks like.

```
.text, #text, p{  
    color:#CF8907  
}
```

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 #CF8907 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF8907
}
```

## Border

The CSS property to change the border of an element to Hex CF8907 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
#CF8907 }
```

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

```
.border{ border-color:#CF8907 }
```

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

Here you see how a box with a 4 pixel #CF8907 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF8907; -webkit-box-shadow:4px 4px  
4px 4px #CF8907; box-shadow:4px 4px 4px  
4px #CF8907 }
```

# Background

The CSS property to change the background color of an element to Hex CF8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF8907 }
```

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

```
.background{ background-color:#CF8907 }
```

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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