

# Converting Colors

Hex(CF8C34)

Have a look what the booklet for  
Hex(CF8C34) contains.

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# **Color**

**Hex(CF8C34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF8C34
RGB	207, 140, 52
RGB Percent	81%, 55%, 20%
CMY	0.1882, 0.4510, 0.7961
CMYK	0.00, 0.32, 0.75, 0.19
HSL	34°, 62%, 51%
HSV	34°, 75%, 81%
XYZ	35.7300, 32.2695, 7.5943
YIQ	150.0010, 68.1800, -13.1640

# Conversions

## Conversions Part 2

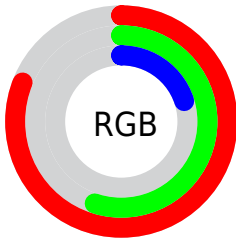
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 207, 52
Decimal	13601844
CIELab	63.56, 17.90, 54.85
CIELCh	64, 57.703, 71.924
Yxy	32.2695, 0.4727, 0.4269
Android (android.graphics.Color)	4291791924 (0xFFCF8C34)
YUV	150.0010, -48.3145, 49.9881
Hunter-Lab	56.8062, 12.8622, 31.8381

# Details

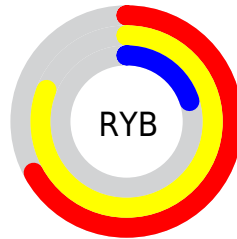
The Hex color **CF8C34** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3477CF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC268**, and **945A00** is the 20% darker color. If you saturate the color by 10%, you get **CF831F**, and if you desaturate by 10%, it is **CF9549**.

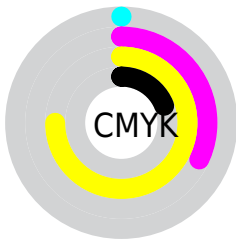
# Distribution



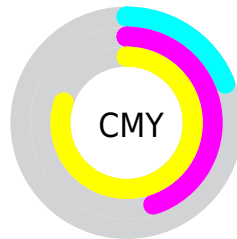
- Red (81%)
- Green (55%)
- Blue (20%)



- Red (67%)
- Yellow (81%)
- Blue (20%)



- Cyan (0%)
- Magenta (32%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (45%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF8C34 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 CF8C34 by changing the saturation by 10% instead.





CF8C34



CF8C34

FFFFFF



B17218



FFC268



945A00



FFDD82



774200



FFFA9D



5B2C00



FFFFB9



3F1700



FFFFD5



270000



FFFFF2



000000



CF8C34



CF8C34



CF831F



CF9549

 CF7A0B

 CF9E5D

 CF7600

 CFA772

 CFB087

 CFB99B

 CFC2B0

 CFCBC5

 CFD4DA

 CFDDEE

# Harmonies

## Analogous

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



EE7858



CF8C34



A29E2C

# Triad

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



CF8C34



00B3AE



B784E7

# Complementary

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



CF8C34



3477CF

# 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.



5E99FF



CF8C34



00B1DD

# Square

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



CF8C34



00B178



00A8FB



E770BB

# Rectangle

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



CF8C34



7EA73C



00A8FB



A08BF2



# Sweetspot

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



CF8C34



FFE7C7



CF3477



80715E



000000



808080



# Same Dimension

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



CF8C34



FF9C19



C5CF34



69645E



A86000



291700



# Inverse Universe

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



3477CF



197DFF



3E34CF



5E6369



0049A8



001229



# Previews

## White Background



This preview shows how the Hex color CF8C34 looks on a white background.

## Color Contrast Check

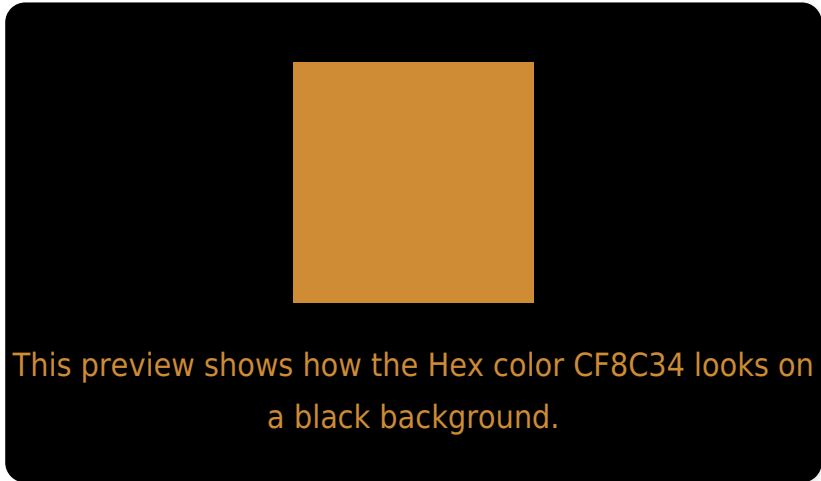
Large Text (above 18pt) WCAG AA × Fail

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

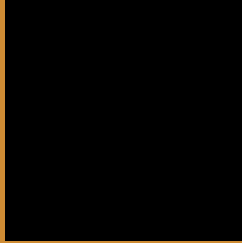
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF8C34 Background



This preview shows how black text looks on a background with the Hex color CF8C34.




This preview shows how white text looks on a background with the Hex color CF8C34.

# 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



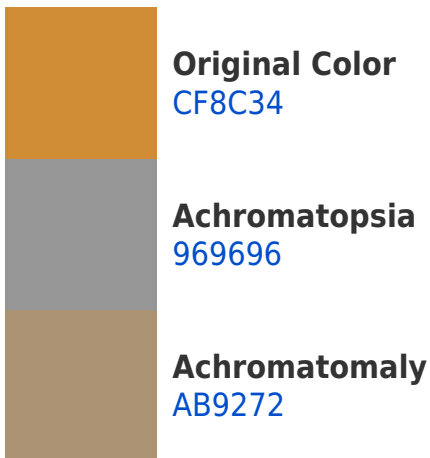


**Tritanopia**  
D4838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF8C34 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 #CF8C34 looks like.

```
.text, #text, p{  
    color:#CF8C34  
}
```

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 #CF8C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF8C34
}
```

## Border

The CSS property to change the border of an element to Hex CF8C34 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
#CF8C34 }
```

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

```
.border{ border-color:#CF8C34 }
```

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

Here you see how a box with a 4 pixel #CF8C34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF8C34; -webkit-box-shadow:4px 4px  
4px 4px #CF8C34; box-shadow:4px 4px 4px  
4px #CF8C34 }
```

# Background

The CSS property to change the background color of an element to Hex CF8C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF8C34 }
```

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

```
.background{ background-color:#CF8C34 }
```

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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