

# Converting Colors

Hex(CF7934)

Have a look what the booklet for  
Hex(CF7934) contains.

<b>Hex(CF7934)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CF7934)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF7934
RGB	207, 121, 52
RGB Percent	81%, 47%, 20%
CMY	0.1882, 0.5255, 0.7961
CMYK	0.00, 0.42, 0.75, 0.19
HSL	27°, 62%, 51%
HSV	27°, 75%, 81%
XYZ	33.1893, 27.1881, 6.7474
YIQ	138.8480, 73.4050, -3.2270

# Conversions

## Conversions Part 2

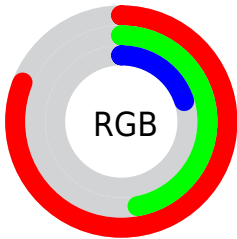
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 176, 52
Decimal	13596980
CIELab	59.15, 28.18, 50.42
CIElCh	59, 57.761, 60.801
Yxy	27.1881, 0.4944, 0.4050
Android (android.graphics.Color)	4291787060 (0xFFCF7934)
YUV	138.8480, -42.8161, 59.7693
Hunter-Lab	52.1422, 22.3693, 28.8272

# Details

The Hex color **CF7934** 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 **348ACF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE66**, and **934700** is the 20% darker color. If you saturate the color by 10%, you get **CF6E1F**, and if you desaturate by 10%, it is **CF8449**.

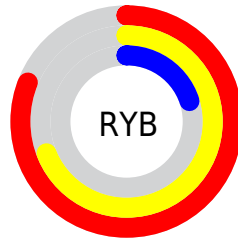
# Distribution



Red (81%)

Green (47%)

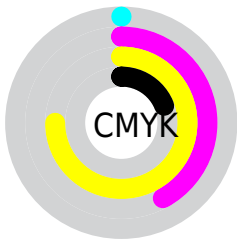
Blue (20%)



Red (81%)

Yellow (69%)

Blue (20%)

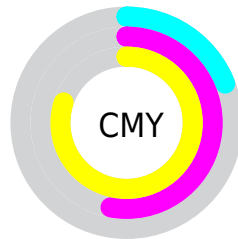


Cyan (0%)

Magenta (42%)

Yellow (75%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF7934 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 CF7934 by changing the saturation by 10% instead.



 CF7934

 CF7934

FFFFFF

 B1601A

 FFAE66

 934700

 FFCA81

 763000

 FFE69B

 591900

 FFFFB7

 3D0100

 FFFFD3

 260001

 FFFFEF

 000000

 CF7934

 CF7934

 CF6E1F

 CF8449

 CF620B

 CF905D

 CF5C00

 CF9B72

 CFA787

 CFB29B

 CFBEB0

 CFC9C5

 CFD5DA

 CFE0EE

# Harmonies

## Analogous

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



E7665D



CF7934



A78C1D

# Triad

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



CF7934



00A68E



9080E6

# Complementary

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



CF7934



348ACF

# 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.



0094F4



CF7934



00A6C1

# Square

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



CF7934



21A35A



00A0E6



CD6BC1

# Rectangle

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



CF7934



879625



00A0E6



7287EE



# Sweetspot

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



CF7934



FFE0C7



CF348C



806D5E



000000



808080



# Same Dimension

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



CF7934



FF8019



CFC534



69635E



A84B00



291200



# Inverse Universe

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



348ACF



1999FF



343ECF



5E6469



005DA8



001729



# Previews

## White Background



This preview shows how the Hex color CF7934 looks on a white background.

## Color Contrast Check

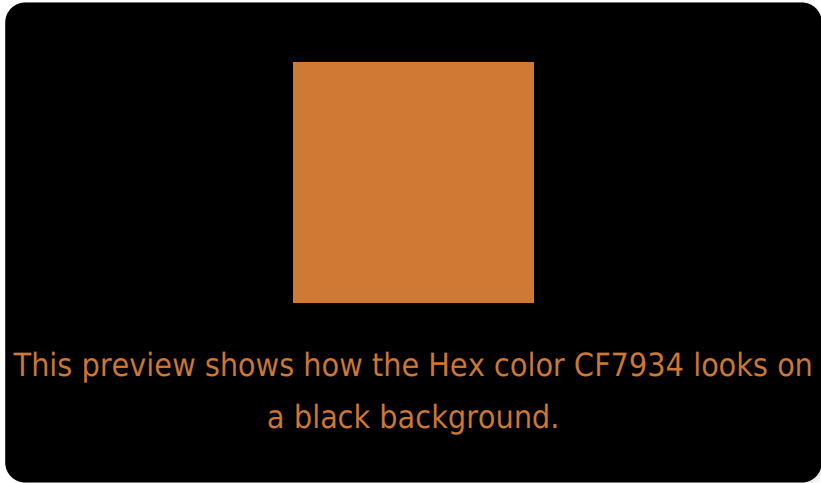
Large Text (above 18pt) WCAG AA ✓ Pass

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

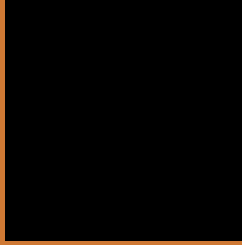
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CF7934 Background



This preview shows how black text looks on a background with the Hex color CF7934.



This preview shows how white text looks on a background with the Hex color CF7934.

# 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**  
CF7934

**Protanopia**  
9F8F3A

**Deuteranopia**  
B38830



**Tritanopia**  
D3727A

# Trichromacy



**Original Color**  
CF7934

**Protanomaly**  
B08738

**Deuteranomaly**  
BD8331

**Tritanomaly**  
D27561

# Monochromacy



**Original Color**  
CF7934

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A4846B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF7934 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 #CF7934 looks like.

```
.text, #text, p{  
    color:#CF7934  
}
```

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 #CF7934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7934
}
```

## Border

The CSS property to change the border of an element to Hex CF7934 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
#CF7934 }
```

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

```
.border{ border-color:#CF7934 }
```

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

Here you see how a box with a 4 pixel #CF7934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7934; -webkit-box-shadow:4px 4px  
4px 4px #CF7934; box-shadow:4px 4px 4px  
4px #CF7934 }
```

# Background

The CSS property to change the background color of an element to Hex CF7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7934 }
```

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

```
.background{ background-color:#CF7934 }
```

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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