

# Converting Colors

Hex(CF7966)

Have a look what the booklet for  
Hex(CF7966) contains.

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# Color

**Hex(CF7966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF7966
RGB	207, 121, 102
RGB Percent	81%, 47%, 40%
CMY	0.1882, 0.5255, 0.6000
CMYK	0.00, 0.42, 0.51, 0.19
HSL	11°, 52%, 61%
HSV	11°, 51%, 81%
XYZ	34.9678, 27.8995, 16.1125
YIQ	144.5480, 57.3550, 12.3230

# Conversions

## Conversions Part 2

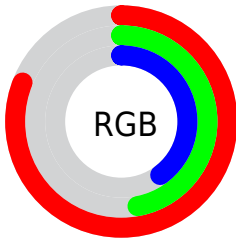
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 125, 102
Decimal	13597030
CIELab	59.80, 31.56, 24.90
CIElCh	60, 40.198, 38.274
Yxy	27.8995, 0.4427, 0.3532
Android (android.graphics.Color)	4291787110 (0xFFCF7966)
YUV	144.5480, -20.9762, 54.7704
Hunter-Lab	52.8199, 25.7354, 18.8878

# Details

The Hex color **CF7966** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66BCCF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFAE99**, and **954737** is the 20% darker color. If you saturate the color by 10%, you get **CF6851**, and if you desaturate by 10%, it is **CF8A7B**.

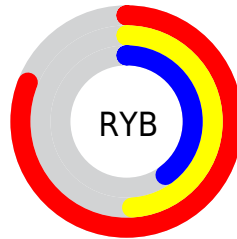
# Distribution



Red (81%)

Green (47%)

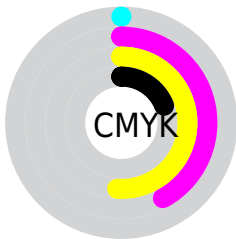
Blue (40%)



Red (81%)

Yellow (49%)

Blue (40%)

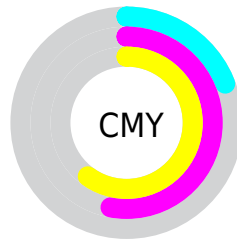


Cyan (0%)

Magenta (42%)

Yellow (51%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF7966 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 CF7966 by changing the saturation by 10% instead.



 CF7966

 CF7966

FFFFFF

 B25F4E

 FFAE99

 954737

 FFCAB4

 792F21

 FFE6D0

 5D160C

 FFFFEC

 420000

 2B0001

 000000

 CF7966

 CF7966

 CF6851

 CF8A7B

 CF573D

 CF9B8F

 CF4628

 CFACA4

 CF3513

 CFBDB9

 CF2500

 CFCECE

 CFDFE2

 CFF0F7

 CFFFFFF

# Harmonies

## Analogous

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



D37388



CF7966



BB854E

# Triad

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



CF7966



47A075



6990D6

# Complementary

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



CF7966



66BCCF

# 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.



009BD1



CF7966



00A299

# Square

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



CF7966



769B57



00A1BB



A083C8

# Rectangle

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



CF7966



A88D48



00A1BB



5194D6



# Sweetspot

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



CF7966



FFE0D9



CF66BD



806D69



000000



808080



# Same Dimension

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



CF7966



FF8063



CFAC66



69605E



A81E00



290700



# Inverse Universe

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



66BCCF



63E3FF



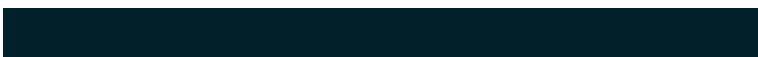
6689CF



5E6769



008AA8



002129



# Previews

## White Background



This preview shows how the Hex color CF7966 looks on a white background.

## Color Contrast Check

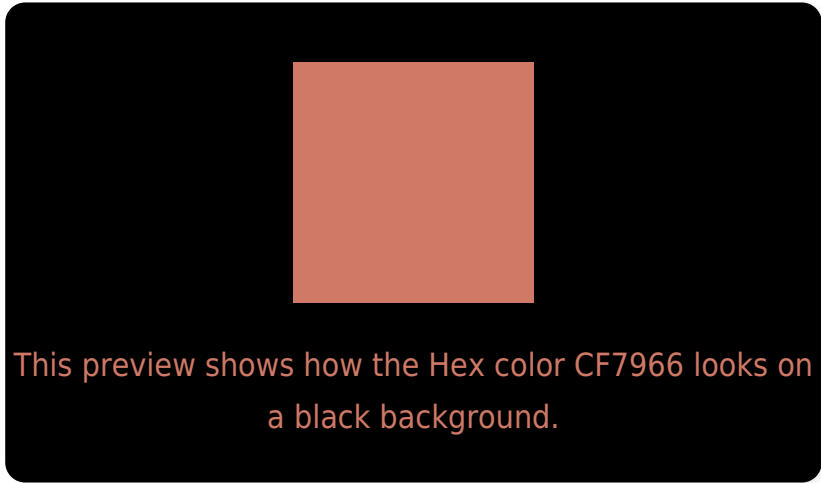
Large Text (above 18pt) WCAG AA ✓ Pass

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

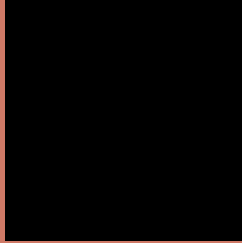
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CF7966 Background



This preview shows how black text looks on a background with the Hex color CF7966.

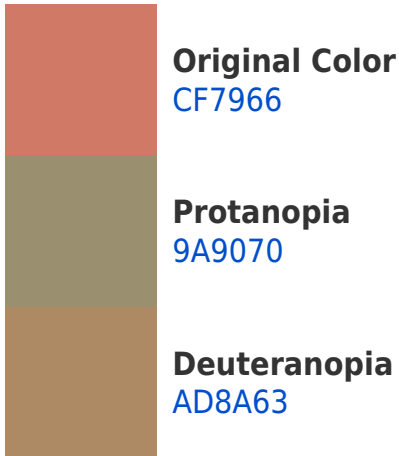


This preview shows how white text looks on a background with the Hex color CF7966.

# 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**  
D1767E

# Trichromacy



**Original Color**  
CF7966

**Protanomaly**  
AD886C

**Deuteranomaly**  
B98464

**Tritanomaly**  
D07775

# Monochromacy



**Original Color**  
CF7966

**Achromatopsia**  
919191

**Achromatomaly**  
A88881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF7966 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 #CF7966 looks like.

```
.text, #text, p{  
    color:#CF7966  
}
```

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 #CF7966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7966
}
```

## Border

The CSS property to change the border of an element to Hex CF7966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

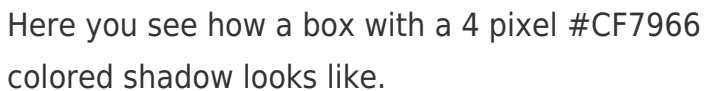
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF7966 }
```

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

```
.border{ border-color:#CF7966 }
```

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. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #CF7966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7966; -webkit-box-shadow:4px 4px  
4px 4px #CF7966; box-shadow:4px 4px 4px  
4px #CF7966 }
```

# Background

The CSS property to change the background color of an element to Hex CF7966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7966 }
```

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

```
.background{ background-color:#CF7966 }
```

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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