

# Converting Colors

Hex(CF9180)

Have a look what the booklet for  
Hex(CF9180) contains.

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# **Color**

**Hex(CF9180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9180
RGB	207, 145, 128
RGB Percent	81%, 57%, 50%
CMY	0.1882, 0.4314, 0.4980
CMYK	0.00, 0.30, 0.38, 0.19
HSL	13°, 45%, 66%
HSV	13°, 38%, 81%
XYZ	39.7538, 35.0747, 25.0969
YIQ	161.6000, 42.4090, 7.8570

# Conversions

## Conversions Part 2

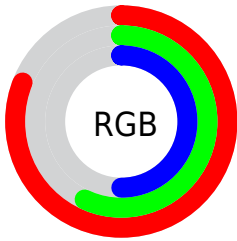
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 150, 128
Decimal	13603200
CIE <sub>Lab</sub>	65.81, 21.31, 18.42
CIE <sub>LCh</sub>	66, 28.166, 40.841
Yxy	35.0747, 0.3978, 0.3510
Android (android.graphics.Color)	4291793280 (0xFFCF9180)
YUV	161.6000, -16.5648, 39.8158
Hunter-Lab	59.2239, 16.1756, 16.3318

# Details

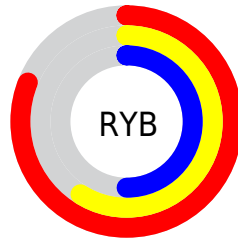
The Hex color **CF9180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80BECF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC7B5**, and **975E4F** is the 20% darker color. If you saturate the color by 10%, you get **CF816B**, and if you desaturate by 10%, it is **CFA195**.

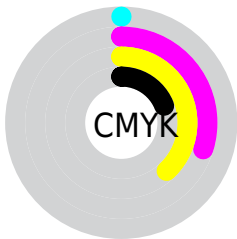
# Distribution



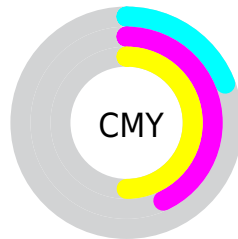
- Red (81%)
- Green (57%)
- Blue (50%)



- Red (81%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9180 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 CF9180 by changing the saturation by 10% instead.



 CF9180

 CF9180

FFFFFF

 B37767


 FFC7B5

 975E4F

 FFE3D0

 7B4638

 FFFFED

 612F22

 47190D

 2F0300

 080000

 000000

 CF9180

 CF9180

 CF816B

 CFA195

 CF7157

 CFB1A9

 CF6042

 CFC2BE

 CF502D

 CFD2D3

 CF4018

 CFE2E8

 CF3004

 CFF2FC

 CF2D00

 CFFFFFF

# Harmonies

## Analogous

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



D28D97



CF9180



C09971

# Triad

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



CF9180



6FAD8E



8D9FD1

# Complementary

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



CF9180



80BECF

# 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.



68A7CF



CF9180



56AEA8

# Square

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



CF9180



8CA879



51ACC0



AF96C6

# Rectangle

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



CF9180



B19E6D



51ACC0



80A2D2

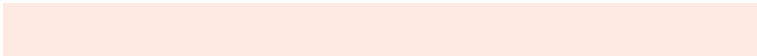


# Sweetspot

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



CF9180



FFE9E3



CF80BF



80726F



000000



808080



# Same Dimension

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



CF9180



FFA38A



CFB780



69605E



A82400



290900

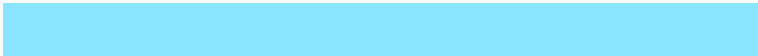


# Inverse Universe

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



80BECF



8AE6FF



8098CF



5E6669



0084A8



002029



# Previews

## White Background



This preview shows how the Hex color CF9180 looks on a white background.

## Color Contrast Check

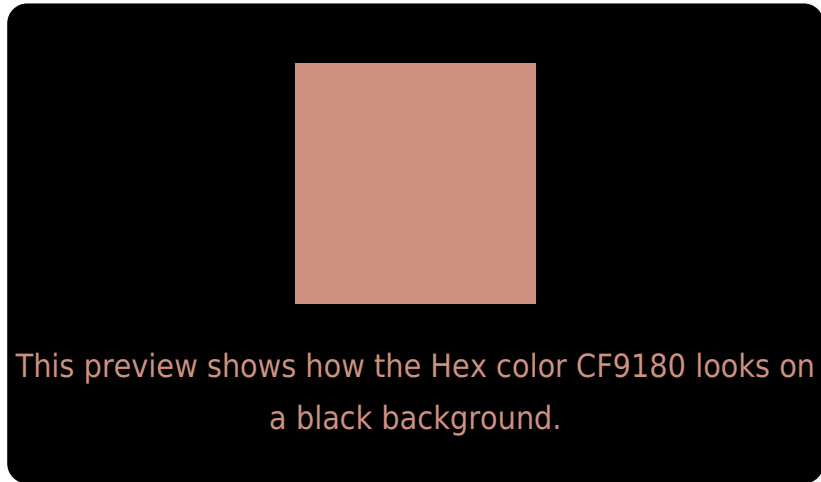
Large Text (above 18pt) WCAG AA × Fail

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

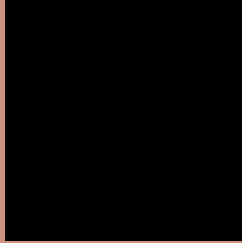
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF9180 Background



This preview shows how black text looks on a background with the Hex color CF9180.

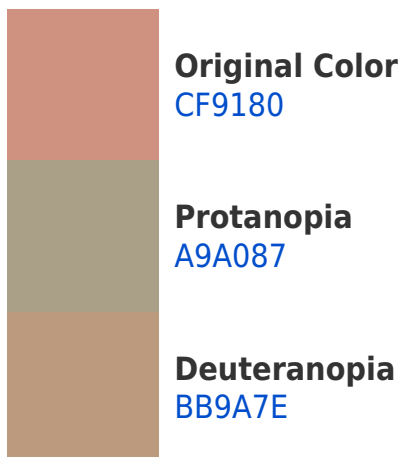



This preview shows how white text looks on a background with the Hex color CF9180.

# 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**  
D18D98

# Trichromacy



**Original Color**  
CF9180

**Protanomaly**  
B79B84

**Deuteranomaly**  
C2977F

**Tritanomaly**  
D08E8F

# Monochromacy



**Original Color**  
CF9180

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
B29C96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9180 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 #CF9180 looks like.

```
.text, #text, p{  
    color:#CF9180  
}
```

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 #CF9180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9180
}
```

## Border

The CSS property to change the border of an element to Hex CF9180 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
#CF9180 }
```

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

```
.border{ border-color:#CF9180 }
```

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

Here you see how a box with a 4 pixel #CF9180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9180; -webkit-box-shadow:4px 4px  
4px 4px #CF9180; box-shadow:4px 4px 4px  
4px #CF9180 }
```

# Background

The CSS property to change the background color of an element to Hex CF9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9180 }
```

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

```
.background{ background-color:#CF9180 }
```

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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