

# Converting Colors

Hex(CF80B9)

Have a look what the booklet for  
Hex(CF80B9) contains.

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# **Color**

**Hex(CF80B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF80B9
RGB	207, 128, 185
RGB Percent	81%, 50%, 73%
CMY	0.1882, 0.4980, 0.2745
CMYK	0.00, 0.38, 0.11, 0.19
HSL	317°, 45%, 66%
HSV	317°, 38%, 81%
XYZ	42.2083, 32.2065, 49.8908
YIQ	158.1190, 28.7870, 34.4750

# Conversions

## Conversions Part 2

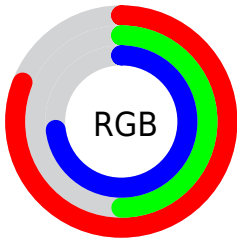
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 128, 185
Decimal	13598905
CIE <sub>Lab</sub>	63.51, 38.74, -17.10
CIE <sub>LCh</sub>	64, 42.342, 336.186
Yxy	32.2065, 0.3396, 0.2591
Android (android.graphics.Color)	4291788985 (0xFFCF80B9)
YUV	158.1190, 13.2523, 42.8686
Hunter-Lab	56.7508, 33.4450, -12.3975

# Details

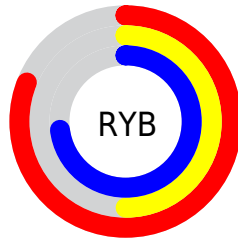
The Hex color **CF80B9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80CF96**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB6F1**, and **974D84** is the 20% darker color. If you saturate the color by 10%, you get **CF6BB3**, and if you desaturate by 10%, it is **CF95BF**.

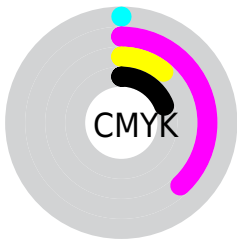
# Distribution



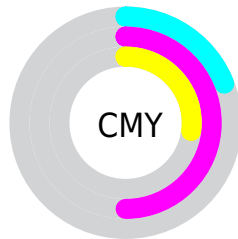
- Red (81%)
- Green (50%)
- Blue (73%)



- Red (81%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF80B9 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 CF80B9 by changing the saturation by 10% instead.



 CF80B9

 CF80B9

FFFFFF

 B3669E

 FFB6F1

 974D84

 FFD2FF

 7C346B

 FFEFFF

 621A52

 49003B

 310025

 13000E

 000000

 CF80B9

 CF80B9

 CF6BB3

 CF95BF

 CF57AD

 CFA9C5

 CF42A8

 CFBECA

 CF2DA2

 CFD3D0

 CF189C

 CFE8D6

 CF0496

 CFFCDC

 CF0095

 CFFFE1

 CFFFE7

 CFF FED

# Harmonies

## Analogous

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



A88DD7



CF80B9



E17B93

# Triad

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



CF80B9



AA9A4D



00ACC5

# Complementary

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



CF80B9



80CF96

# 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.



00ADA1



CF80B9



81A55B

# Square

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



CF80B9



CA8D55



50AB7A



00A6DE

# Rectangle

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



CF80B9



E17E7B



50AB7A



00ADBA



# Sweetspot

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



CF80B9



FFE3F7



9580CF



806F7B



000000



808080



# Same Dimension

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



CF80B9



FF8ADE



CF8092



695E66



A80079



29001D



# Inverse Universe

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



CF80B9



FF8ADE



80CFBD



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color CF80B9 looks on a white background.

## Color Contrast Check

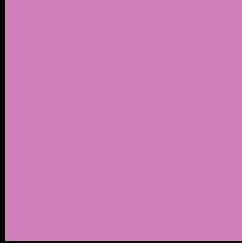
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CF80B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

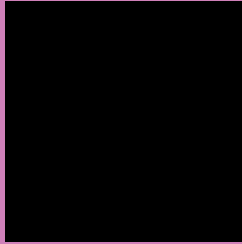
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF80B9 Background



This preview shows how black text looks on a background with the Hex color CF80B9.

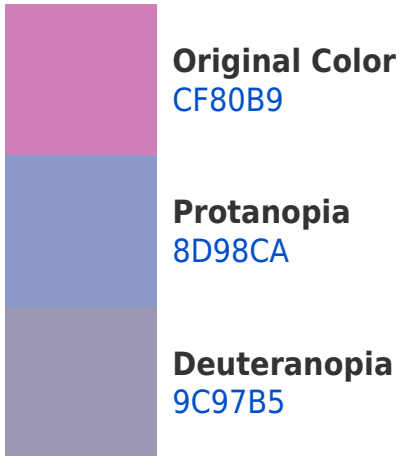


This preview shows how white text looks on a background with the Hex color CF80B9.

# 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](#).

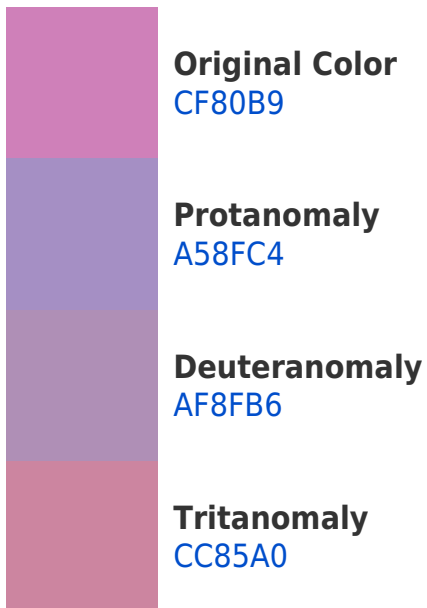
## Dichromacy





**Tritanopia**  
CA8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF80B9 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 #CF80B9 looks like.

```
.text, #text, p{  
    color:#CF80B9  
}
```

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 #CF80B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF80B9
}
```

## Border

The CSS property to change the border of an element to Hex CF80B9 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
#CF80B9 }
```

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

```
.border{ border-color:#CF80B9 }
```

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

Here you see how a box with a 4 pixel #CF80B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF80B9; -webkit-box-shadow:4px 4px  
4px 4px #CF80B9; box-shadow:4px 4px 4px  
4px #CF80B9 }
```

# Background

The CSS property to change the background color of an element to Hex CF80B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF80B9 }
```

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

```
.background{ background-color:#CF80B9 }
```

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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