

Converting Colors

Hex(CF80B8)

Have a look what the booklet for
Hex(CF80B8) contains.

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Color

Hex(CF80B8)

Conversions

Conversions Part 1

Format	Color
Hex	CF80B8
RGB	207, 128, 184
RGB Percent	81%, 50%, 72%
CMY	0.1882, 0.4980, 0.2784
CMYK	0.00, 0.38, 0.11, 0.19
HSL	317°, 45%, 66%
HSV	317°, 38%, 81%
XYZ	42.1030, 32.1644, 49.3367
YIQ	158.0050, 29.1080, 34.1640

Conversions

Conversions Part 2

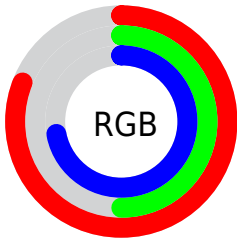
Format	Color
R _Y B	207, 128, 184
Decimal	13598904
CIE Lab	63.48, 38.57, -16.58
CIE LCh	63, 41.983, 336.735
Yxy	32.1644, 0.3406, 0.2602
Android (android.graphics.Color)	4291788984 (0xFFCF80B8)
YUV	158.0050, 12.8155, 42.9686
Hunter-Lab	56.7137, 33.2656, -11.8783

Details

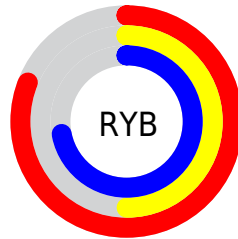
The Hex color **CF80B8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80CF97**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB6F0**, and **974D83** is the 20% darker color. If you saturate the color by 10%, you get **CF6BB2**, and if you desaturate by 10%, it is **CF95BE**.

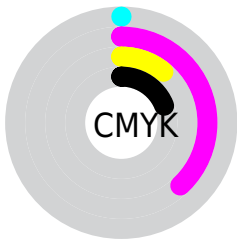
Distribution



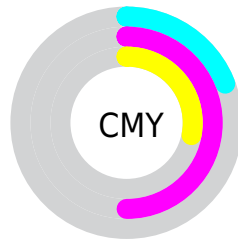
- Red (81%)
- Green (50%)
- Blue (72%)



- Red (81%)
- Yellow (50%)
- Blue (72%)



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



- Cyan (19%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF80B8 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 CF80B8 by changing the saturation by 10% instead.

 CF80B8

 CF80B8

FFFFFF

 B3669D

 FFB6F0

 974D83

 FFD2FF

 7C346A

 FFEFFF

 621A51

 49003A

 310025

 13000D

 000000

 CF80B8

 CF80B8

 CF6BB2

 CF95BE

 CF57AC

 CFA9C4

 CF42A6

 CFBECA

 CF2DA0

 CFD3D0

 CF189A

 CFE8D6

 CF0494

 CFFCDC

 CF0093

 CFFFE2

 CFFFE8

 CFFFE6

Harmonies

Analogous

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



A88DD6



CF80B8



E07B93

Triad

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



CF80B8



A99A4E



00ACC5

Complementary

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



CF80B8



80CF97

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



CF80B8



81A55C

Square

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



CF80B8



C98D55



50AB7B



00A5DE

Rectangle

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



CF80B8



E07E7A



50AB7B



00ADBA

Sweetspot

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



CF80B8



FFE3F7



9680CF



806F7B



000000



808080

Same Dimension

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



CF80B8



FF8ADD



CF8091



695E66



A80077



29001D

Inverse Universe

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



CF80B8



FF8ADD



80CFBE



695E66



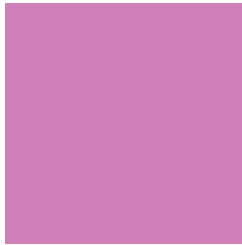
A80077



29001D

Previews

White Background



This preview shows how the Hex color CF80B8 looks on a white background.

Color Contrast Check

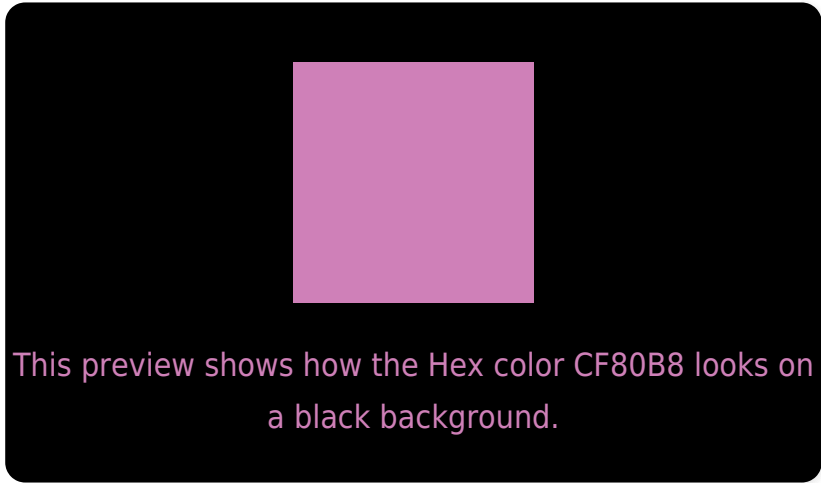
Large Text (above 18pt) WCAG AA × Fail

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 CF80B8 Background



This preview shows how black text looks on a background with the Hex color CF80B8.

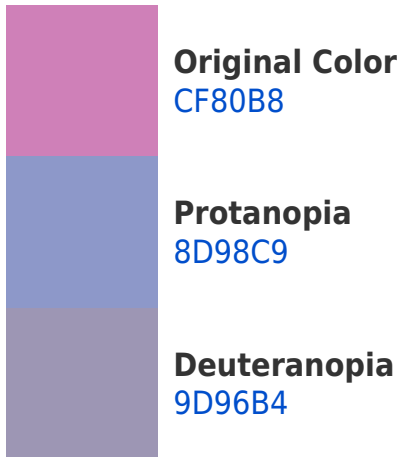


This preview shows how white text looks on a background with the Hex color CF80B8.

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
CB8792

Trichromacy



Original Color
CF80B8



Protanomaly
A58FC3



Deuteranomaly
AF8EB5

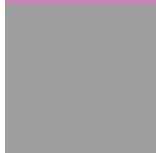


Tritanomaly
CC84A0

Monochromacy



Original Color
CF80B8



Achromatopsia
9E9E9E



Achromatomaly
B093A7

CSS Examples

Text

The CSS property to change the color of the text to Hex CF80B8 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 #CF80B8 looks like.

```
.text, #text, p{  
    color:#CF80B8  
}
```

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 #CF80B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF80B8  
}
```

Border

The CSS property to change the border of an element to Hex CF80B8 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  
#CF80B8 }
```

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

```
.border{ border-color:#CF80B8 }
```

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

Here you see how a box with a 4 pixel #CF80B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF80B8; -webkit-box-shadow:4px 4px  
4px 4px #CF80B8; box-shadow:4px 4px 4px  
4px #CF80B8 }
```

Background

The CSS property to change the background color of an element to Hex CF80B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF80B8 }
```

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

```
.background{ background-color:#CF80B8 }
```

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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