

# Converting Colors

Hex(BF80C0)

Have a look what the booklet for  
Hex(BF80C0) contains.

<b>Hex(BF80C0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BF80C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF80C0
RGB	191, 128, 192
RGB Percent	75%, 50%, 75%
CMY	0.2510, 0.4980, 0.2471
CMYK	0.01, 0.33, 0.00, 0.25
HSL	299°, 34%, 63%
HSV	299°, 33%, 75%
XYZ	38.7195, 30.3205, 53.6809
YIQ	154.1330, 17.0040, 33.2600

# Conversions

## Conversions Part 2

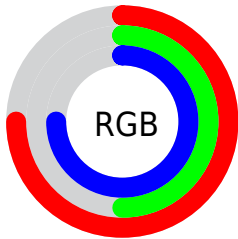
Format	Color
<a href="#">RYB</a>	<a href="#">191, 128, 192</a>
Decimal	<a href="#">12550336</a>
CIELab	<a href="#">61.93, 34.75, -23.64</a>
CIElCh	<a href="#">62, 42.025, 325.777</a>
Yxy	<a href="#">30.3205, 0.3155, 0.2471</a>
Android (android.graphics.Color)	<a href="#">4290740416 (0xFFBF80C0)</a>
YUV	<a href="#">154.1330, 18.6684, 32.3324</a>
Hunter-Lab	<a href="#">55.0640, 29.1540, -19.2559</a>

# Details

The Hex color **BF80C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81C080**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F8B6F9**, and **884D8A** is the 20% darker color. If you saturate the color by 10%, you get **BF6DC0**, and if you desaturate by 10%, it is **BF93C0**.

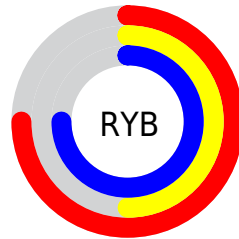
# Distribution



Red (75%)

Green (50%)

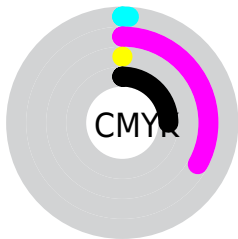
Blue (75%)



Red (75%)

Yellow (50%)

Blue (75%)

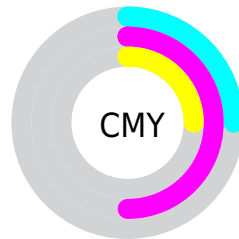


Cyan (1%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF80C0 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 BF80C0 by changing the saturation by 10% instead.



 BF80C0

 BF80C0

FFFFFF

 A366A5

 F8B6F9

 884D8A

 FFD2FF

 6E3571

 FFEEFF

 551D58

 3C0340

 27002A

 000114

 000000

 BF80C0

 BF80C0

 BF6DC0

 BF93C0

 BE5AC0

 C0A6C0

 BE46C0

 C0BAC0

 BE33C0

 C0CDC0

 BD20C0

 C1E0C0

 BD0DC0

 C1F3C0

 BD00C0

 C1FFC0

 C2FFC0

# Harmonies

## Analogous

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



918ED9



BF80C0



D8779C

# Triad

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



BF80C0



B1924A



00A8B5

# Complementary

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



BF80C0



81C080

# 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.



13A98F



BF80C0



8C9D50

# Square

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



BF80C0



CD8459



5FA56A



00A4D2

# Rectangle

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



BF80C0



DD7883



5FA56A



00A9A9



# Sweetspot

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



BF80C0



FAE1FA



8081C0



7D6E7D



FCFCFC



7D7D7D



# Same Dimension

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



BF80C0



F896FA



C080A1



615761



9E00A1



210021



# Inverse Universe

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



C08081



FA9698



80C09F



615757



A10003

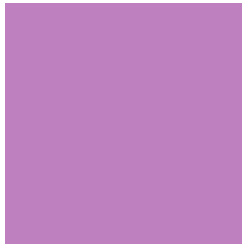


210001



# Previews

## White Background



This preview shows how the Hex color BF80C0 looks on a white background.

## Color Contrast Check

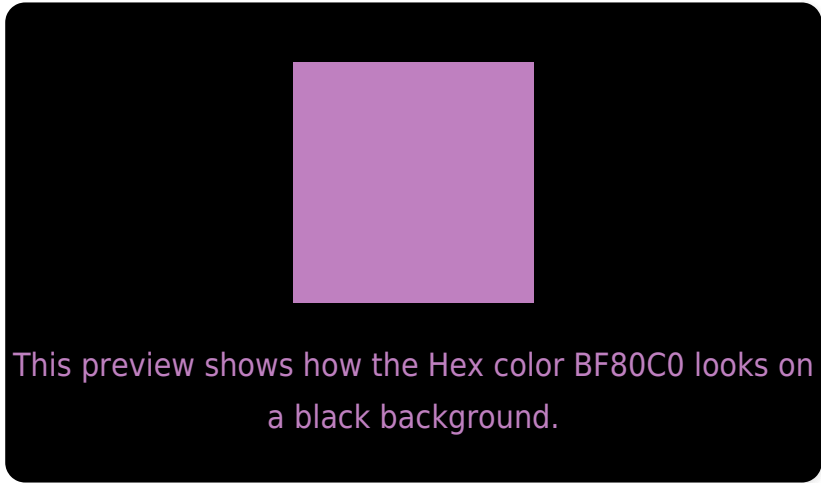
Large Text (above 18pt) WCAG AA × Fail

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

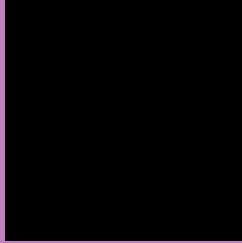
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BF80C0 Background



This preview shows how black text looks on a background with the Hex color BF80C0.



This preview shows how white text looks on a background with the Hex color BF80C0.

# 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](#).

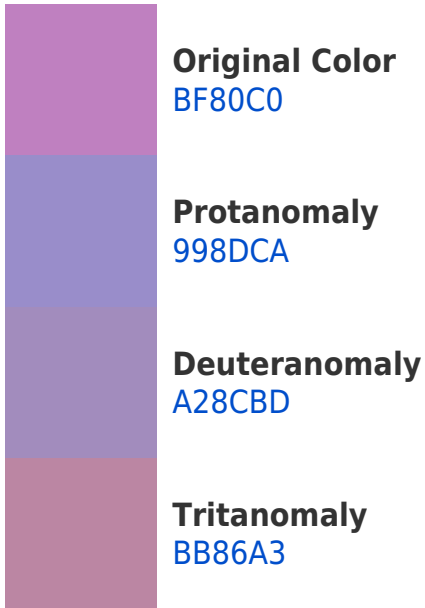
## Dichromacy



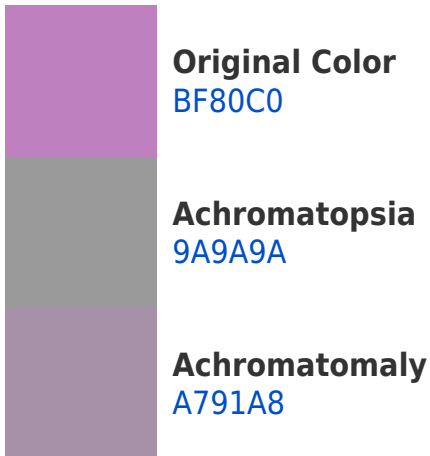


**Tritanopia**  
B98993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF80C0 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 #BF80C0 looks like.

```
.text, #text, p{  
    color:#BF80C0  
}
```

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 #BF80C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF80C0
}
```

## Border

The CSS property to change the border of an element to Hex BF80C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

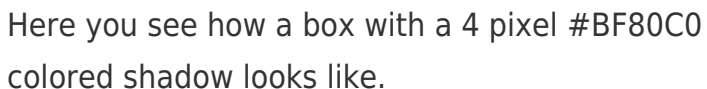
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF80C0 }
```

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

```
.border{ border-color:#BF80C0 }
```

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



Here you see how a box with a 4 pixel `#BF80C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF80C0; -webkit-box-shadow:4px 4px  
4px 4px #BF80C0; box-shadow:4px 4px 4px  
4px #BF80C0 }
```

# Background

The CSS property to change the background color of an element to Hex BF80C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF80C0 }
```

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

```
.background{ background-color:#BF80C0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor