

# Converting Colors

Hex(BF80C8)

Have a look what the booklet for  
Hex(BF80C8) contains.

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# Color

**Hex(BF80C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF80C8
RGB	191, 128, 200
RGB Percent	75%, 50%, 78%
CMY	0.2510, 0.4980, 0.2157
CMYK	0.04, 0.36, 0.00, 0.22
HSL	292°, 40%, 64%
HSV	292°, 36%, 78%
XYZ	39.6304, 30.6848, 58.4776
YIQ	155.0450, 14.4360, 35.7480

# Conversions

## Conversions Part 2

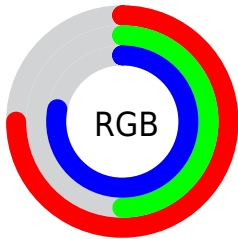
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 128, 200
Decimal	12550344
CIE <sub>Lab</sub>	62.24, 36.29, -27.67
CIE <sub>LCh</sub>	62, 45.639, 322.675
Yxy	30.6848, 0.3077, 0.2382
Android (android.graphics.Color)	4290740424 (0xFFBF80C8)
YUV	155.0450, 22.1628, 31.5325
Hunter-Lab	55.3939, 30.7646, -23.8149

# Details

The Hex color **BF80C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89C880**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F8B6FF**, and **884D92** is the 20% darker color. If you saturate the color by 10%, you get **BD6CC8**, and if you desaturate by 10%, it is **C294C8**.

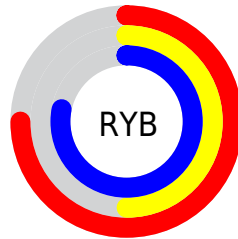
# Distribution



Red (75%)

Green (50%)

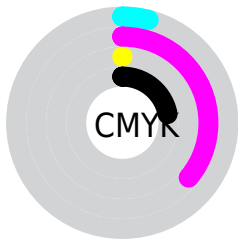
Blue (78%)



Red (75%)

Yellow (50%)

Blue (78%)

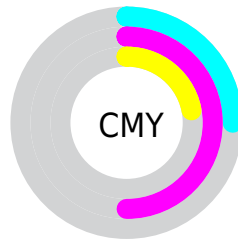


Cyan (4%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (50%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF80C8 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 BF80C8 by changing the saturation by 10% instead.



 BF80C8

 BF80C8

FFFFFF

 A366AD

 F8B6FF

 884D92

 FFD2FF

 6E3578

 FFEEFF

 541C5F

 3C0247

 260030

 00001A

 000000

 BF80C8

 BF80C8

 BD6CC8

 C294C8

 BA58C8

 C4A8C8

 B844C8

 C7BCC8

 B530C8

 C9D0C8

 B31CC8

 CCE4C8

 B008C8

 CEF8C8

 AF00C8

 D1FFC8

 D3FFC8

 D6FFC8

# Harmonies

## Analogous

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



8A90E1



BF80C8



DC75A2

# Triad

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



BF80C8



B79144



00ABB4

# Complementary

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



BF80C8



89C880

# 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.



00AA8B



BF80C8



909D49

# Square

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



BF80C8



D48257



60A664



00A7D6

# Rectangle

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



BF80C8



E37587



60A664



00ABA7



# Sweetspot

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



BF80C8



FBE3FF



808AC8



7D6F80



000000



808080



# Same Dimension

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



BF80C8



F191FF



C880AE



625A63



8F00A3



1F0024



# Inverse Universe

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



C88089



FF919F



80C89A



635A5B



A30014



240004



# Previews

## White Background



This preview shows how the Hex color BF80C8 looks on a white background.

## Color Contrast Check

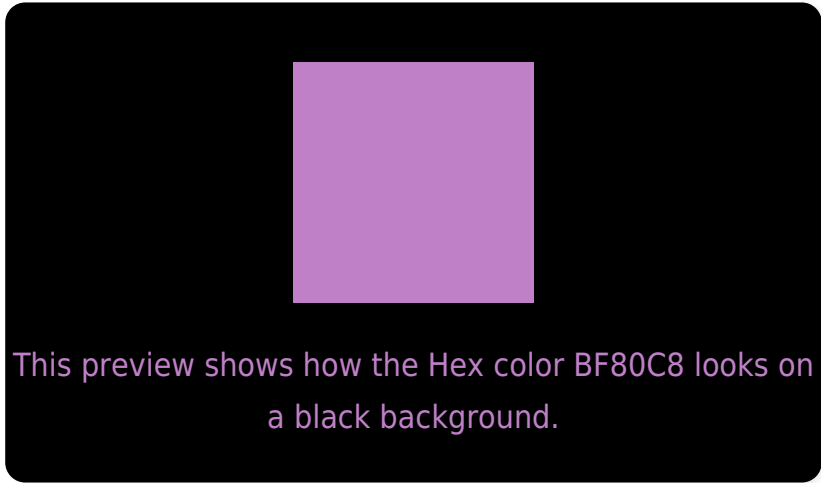
Large Text (above 18pt) WCAG AA × Fail

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

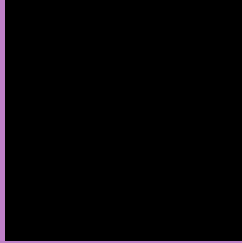
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BF80C8 Background



This preview shows how black text looks on a background with the Hex color BF80C8.

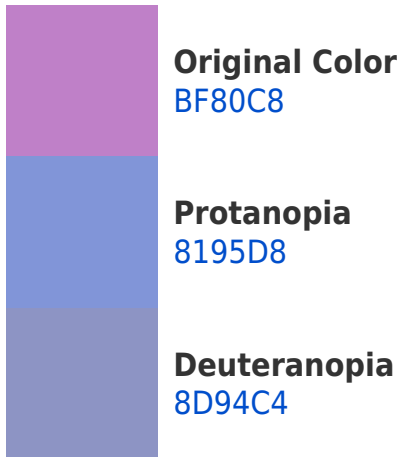



This preview shows how white text looks on a background with the Hex color BF80C8.

# 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](#).

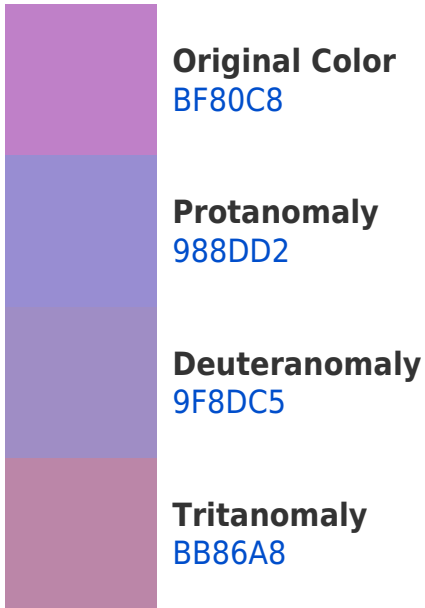
## Dichromacy



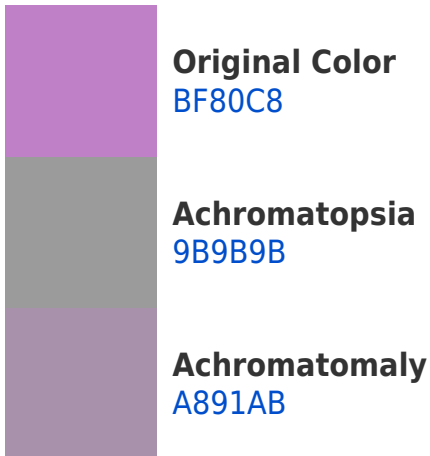


**Tritanopia**  
B88A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF80C8 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 #BF80C8 looks like.

```
.text, #text, p{  
    color:#BF80C8  
}
```

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 #BF80C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF80C8
}
```

## Border

The CSS property to change the border of an element to Hex BF80C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

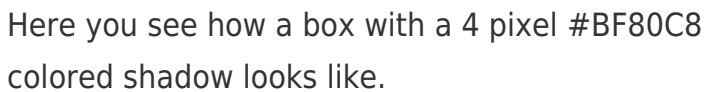
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF80C8 }
```

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

```
.border{ border-color:#BF80C8 }
```

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



Here you see how a box with a 4 pixel #BF80C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF80C8; -webkit-box-shadow:4px 4px  
4px 4px #BF80C8; box-shadow:4px 4px 4px  
4px #BF80C8 }
```

# Background

The CSS property to change the background color of an element to Hex BF80C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF80C8 }
```

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

```
.background{ background-color:#BF80C8 }
```

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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