

# Converting Colors

Hex(BF8ADC)

Have a look what the booklet for  
Hex(BF8ADC) contains.

<b>Hex(BF8ADC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(BF8ADC)

# Conversions

## Conversions Part 1

Format	Color
Hex	BF8ADC
RGB	191, 138, 220
RGB Percent	75%, 54%, 86%
CMY	0.2510, 0.4588, 0.1373
CMYK	0.13, 0.37, 0.00, 0.14
HSL	279°, 54%, 70%
HSV	279°, 37%, 86%
XYZ	43.4926, 34.4206, 72.0617
YIQ	163.1950, 5.2660, 36.7380

# Conversions

## Conversions Part 2

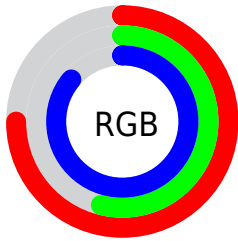
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 138, 220
Decimal	12552924
CIE <sub>Lab</sub>	65.30, 34.89, -34.13
CIE <sub>LCh</sub>	65, 48.804, 315.630
Yxy	34.4206, 0.2900, 0.2295
Android (android.graphics.Color)	4290743004 (0xFFBF8ADC)
YUV	163.1950, 28.0049, 24.3850
Hunter-Lab	58.6691, 29.6548, -31.7560

# Details

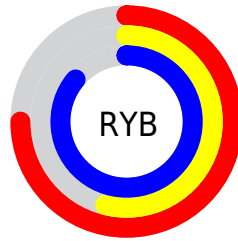
The Hex color **BF8ADC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A7DC8A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F8C0FF**, and **8857A5** is the 20% darker color. If you saturate the color by 10%, you get **B774DC**, and if you desaturate by 10%, it is **C7A0DC**.

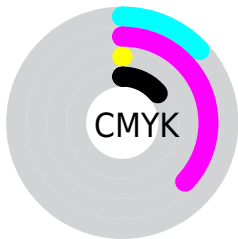
# Distribution



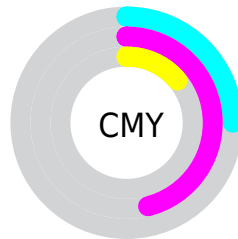
- Red (75%)
- Green (54%)
- Blue (86%)



- Red (75%)
- Yellow (54%)
- Blue (86%)



- Cyan (13%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF8ADC 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 BF8ADC by changing the saturation by 10% instead.



 BF8ADC

 BF8ADC

FFFFFF

 A370C0

 F8C0FF

 8857A5

 FFDCFF

 6E3F8A

 FFF9FF

 542770

 3B0F57

 230040

 040029

 000113

 000000

 BF8ADC

 BF8ADC

 B774DC

 C7A0DC

 AF5EDC

 CFB6DC

 A848DC

 D6CCDC

 A032DC

 DEE2DC

 981CDC

 E6F8DC

 9006DC

 EEFFDC

 8E00DC

 F5FFDC

 FDFFDC

 FFFFDC

# Harmonies

## Analogous

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



7E9BF3



BF8ADC



E57CB5

# Triad

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



BF8ADC



CA9548



00B5B5

# Complementary

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



BF8ADC



A7DC8A

# 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.



20B387



BF8ADC



A2A347

# Square

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



BF8ADC



E68562



71AE5F



00B2DC

# Rectangle

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



BF8ADC



F07998



71AE5F



00B5A6



# Sweetspot

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



BF8ADC



F5E3FF



8AA8DC



7A6F80



000000



808080



# Same Dimension

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



BF8ADC



D68CFF



DC8AD1



6A636E



7000AD



1E002E



# Inverse Universe

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



DC8AA7



FF8CB5



8ADC95



6E6367



AD003D

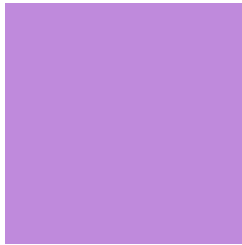


2E0010



# Previews

## White Background



This preview shows how the Hex color BF8ADC looks on a white background.

## Color Contrast Check

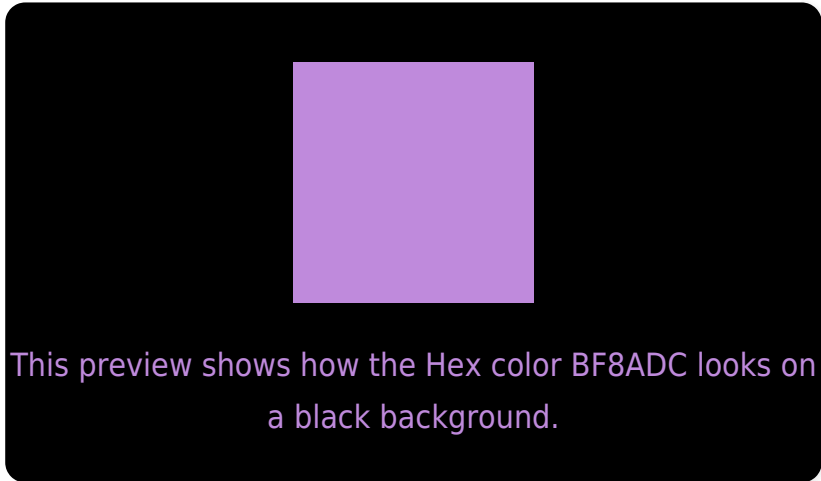
Large Text (above 18pt) WCAG AA × Fail

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 BF8ADC Background



This preview shows how black text looks on a background with the Hex color BF8ADC.

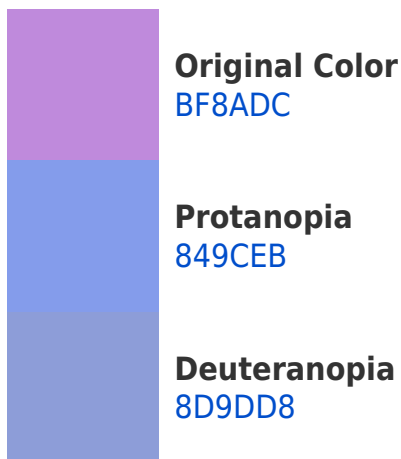


This preview shows how white text looks on a background with the Hex color BF8ADC.

# 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**  
B696A2

# Trichromacy



**Original Color**  
BF8ADC



**Protanomaly**  
9995E6



**Deuteranomaly**  
9F96D9



**Tritanomaly**  
B992B7

# Monochromacy



**Original Color**  
BF8ADC



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
AD9AB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF8ADC 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 #BF8ADC looks like.

```
.text, #text, p{  
  color:#BF8ADC  
}
```

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 #BF8ADC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF8ADC
}
```

## Border

The CSS property to change the border of an element to Hex BF8ADC 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
#BF8ADC }
```

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

```
.border{ border-color:#BF8ADC }
```

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

Here you see how a box with a 4 pixel #BF8ADC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF8ADC; -webkit-box-shadow:4px 4px  
4px 4px #BF8ADC; box-shadow:4px 4px 4px  
4px #BF8ADC }
```

# Background

The CSS property to change the background color of an element to Hex BF8ADC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF8ADC }
```

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

```
.background{ background-color:#BF8ADC }
```

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