

# Converting Colors

Hex(BF99D8)

Have a look what the booklet for  
Hex(BF99D8) contains.

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# **Color**

**Hex(BF99D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF99D8
RGB	191, 153, 216
RGB Percent	75%, 60%, 85%
CMY	0.2510, 0.4000, 0.1529
CMYK	0.12, 0.29, 0.00, 0.15
HSL	276°, 45%, 72%
HSV	276°, 29%, 85%
XYZ	45.2718, 38.8167, 70.0720
YIQ	171.5440, 2.4250, 27.6490

# Conversions

## Conversions Part 2

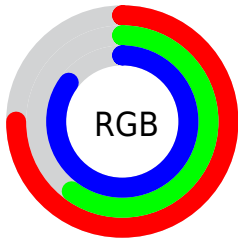
Format	Color
<a href="#">RYB</a>	<a href="#">191, 153, 216</a>
Decimal	<a href="#">12556760</a>
CIELab	<a href="#">68.62, 25.75, -26.78</a>
CIElCh	<a href="#">69, 37.149, 313.874</a>
Yxy	<a href="#">38.8167, 0.2937, 0.2518</a>
Android (android.graphics.Color)	<a href="#">4290746840</a> ( <a href="#">0xFFBF99D8</a> )
YUV	<a href="#">171.5440, 21.9168, 17.0629</a>
Hunter-Lab	<a href="#">62.3030, 20.6745, -23.0711</a>

# Details

The Hex color **BF99D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2D899**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F8D0FF**, and **8966A1** is the 20% darker color. If you saturate the color by 10%, you get **B683D8**, and if you desaturate by 10%, it is **C8AFD8**.

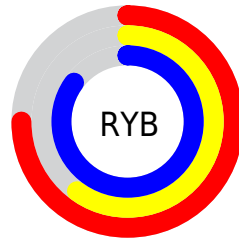
# Distribution



Red (75%)

Green (60%)

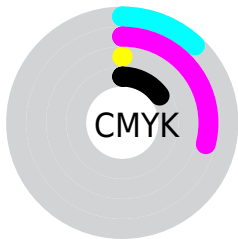
Blue (85%)



Red (75%)

Yellow (60%)

Blue (85%)

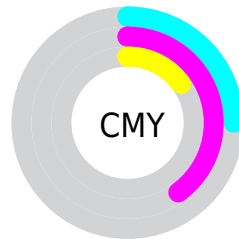


Cyan (12%)

Magenta (29%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (40%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF99D8 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 BF99D8 by changing the saturation by 10% instead.



 BF99D8

 BF99D8

FFFFFF

 A47FBC

 F8D0FF

 8966A1

 FFECFF

 6F4D87

 56366D

 3D1F55

 260A3D

 120027

 000110

 000000

 BF99D8

 BF99D8

 B683D8

 C8AFD8

 AE6ED8

 D0C4D8

 A558D8

 D9DAD8

 9D43D8

 E1EFD8

 942DD8

 EAFFD8

 8C17D8

 F2FFD8

 8302D8

 FBFFD8

 8200D8

 FFFFD8

# Harmonies

## Analogous

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



90A5E8



BF99D8



DD8FBB

# Triad

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



BF99D8



CD9F67



2DB9B6

# Complementary

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



BF99D8



B2D899

# 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.



5EB894



BF99D8



AEEA65

# Square

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



BF99D8



E3947A



89B376



1BB7D5

# Rectangle

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



BF99D8



E78DA4



89B376



3EB9AB



# Sweetspot

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



BF99D8



F6E8FF



99B2D8



7A7180



000000



808080



# Same Dimension

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



BF99D8



DCA6FF



D899D2



67606B



6700AB



1A002B



# Inverse Universe

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



D899B2



FFA6C9



99D89F



6B6065



AB0044

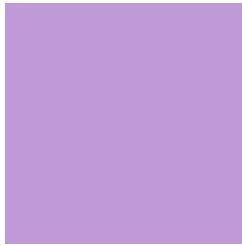


2B0011



# Previews

## White Background



This preview shows how the Hex color BF99D8 looks on a white background.

## Color Contrast Check

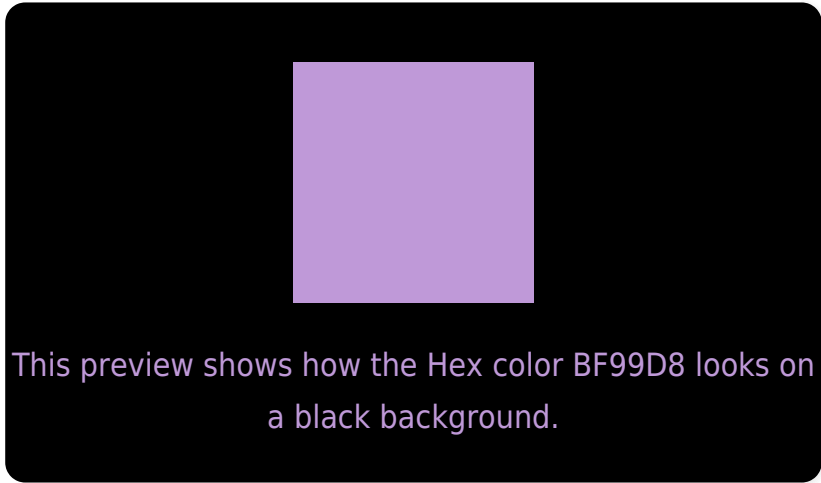
Large Text (above 18pt) WCAG AA × Fail

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

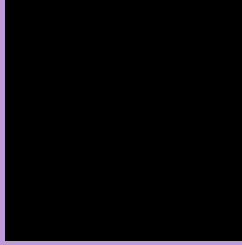
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BF99D8 Background



This preview shows how black text looks on a background with the Hex color BF99D8.

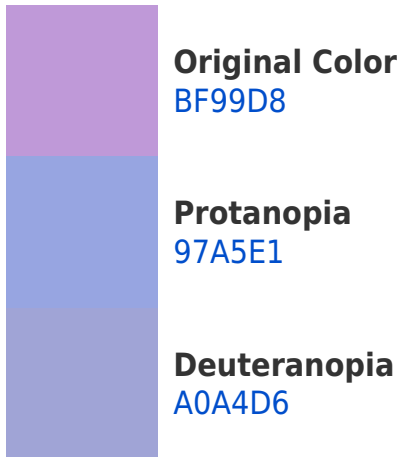


This preview shows how white text looks on a background with the Hex color BF99D8.

# 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](#).

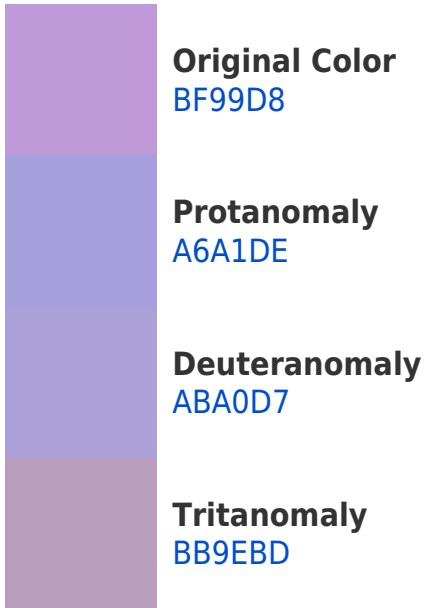
## Dichromacy



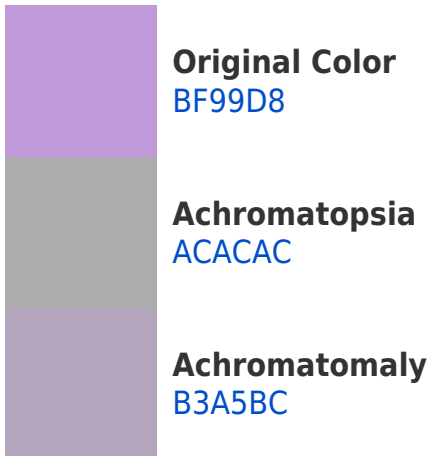


**Tritanopia**  
B8A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF99D8 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 #BF99D8 looks like.

```
.text, #text, p{  
    color:#BF99D8  
}
```

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 #BF99D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF99D8
}
```

## Border

The CSS property to change the border of an element to Hex BF99D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

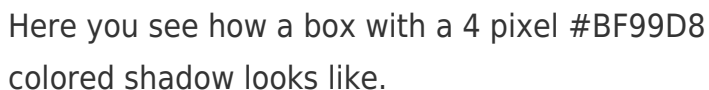
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF99D8 }
```

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

```
.border{ border-color:#BF99D8 }
```

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



Here you see how a box with a 4 pixel `#BF99D8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF99D8; -webkit-box-shadow:4px 4px  
4px 4px #BF99D8; box-shadow:4px 4px 4px  
4px #BF99D8 }
```

# Background

The CSS property to change the background color of an element to Hex BF99D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF99D8 }
```

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

```
.background{ background-color:#BF99D8 }
```

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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