

# Converting Colors

Hex(BB97BE)

Have a look what the booklet for  
Hex(BB97BE) contains.

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# Color

Hex(**BB97BE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB97BE
RGB	187, 151, 190
RGB Percent	73%, 59%, 75%
CMY	0.2667, 0.4078, 0.2549
CMYK	0.02, 0.21, 0.00, 0.25
HSL	295°, 23%, 67%
HSV	295°, 21%, 75%
XYZ	40.8544, 36.4157, 53.5909
YIQ	166.2100, 8.9370, 19.7610

# Conversions

## Conversions Part 2

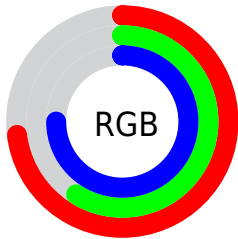
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 151, 190
Decimal	12294078
CIELab	66.84, 20.29, -15.09
CIElCh	67, 25.285, 323.366
Yxy	36.4157, 0.3122, 0.2783
Android (android.graphics.Color)	4290484158 (0xFFBB97BE)
YUV	166.2100, 11.7285, 18.2328
Hunter-Lab	60.3454, 15.2415, -10.4118

# Details

The Hex color **BB97BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ABE97**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F3CDF6**, and **856489** is the 20% darker color. If you saturate the color by 10%, you get **BA84BE**, and if you desaturate by 10%, it is **BCAABE**.

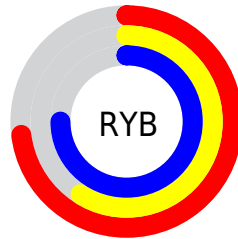
# Distribution



Red (73%)

Green (59%)

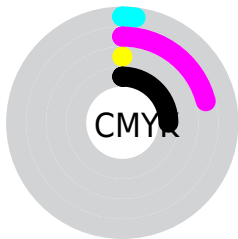
Blue (75%)



Red (73%)

Yellow (59%)

Blue (75%)

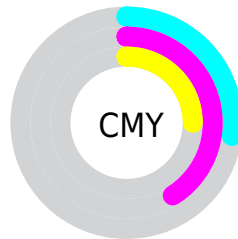


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (41%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB97BE 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 BB97BE by changing the saturation by 10% instead.



 BB97BE

 BB97BE

FFFFFF

 A07DA3

 F3CDF6

 856489

 FFEAFF

 6C4C6F

 533557

 3C1F3F

 250929

 060014

 000000

 BB97BE

 BB97BE

 BA84BE

 BCAABE

 B871BE

 BEBDBE

 B75EBE

 BFD0BE

 B54BBE

 C1E3BE

 B438BE

 C2F6BE

 B225BE

 C4FFBE

 B112BE

 C5FFBE

 AF00BE

 C7FFBE

 C8FFBE

# Harmonies

## Analogous

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



9F9FCC



BB97BE



CC92A9

# Triad

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



BB97BE



B89F76



5FAFB4

# Complementary

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



BB97BE



9ABE97

# 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.



6EAF9D



BB97BE



A0A779

# Square

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



BB97BE



C9987F



86AC87



65ACC6

# Rectangle

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



BB97BE



D19299



86AC87



62AFAC



# Sweetspot

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



BB97BE



F6E9F7



979ABE



7C747D



FCFCFC



7D7D7D



# Same Dimension

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



BB97BE



F3BAF7



BE97AE



5E555E



92009E



1C001F



# Inverse Universe

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



BE979A



F7BABE



97BEA7



5E5556



9E000C

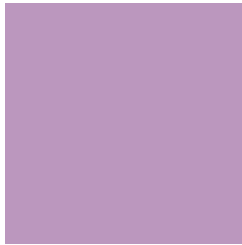


1F0002



# Previews

## White Background



This preview shows how the Hex color BB97BE looks on a white background.

## Color Contrast Check

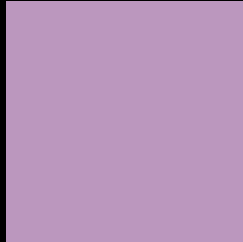
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BB97BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

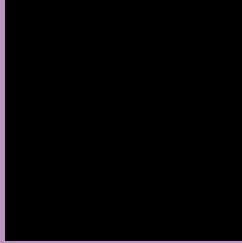
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB97BE Background



This preview shows how black text looks on a background with the Hex color BB97BE.



This preview shows how white text looks on a background with the Hex color BB97BE.

# 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



**Original Color**  
BB97BE

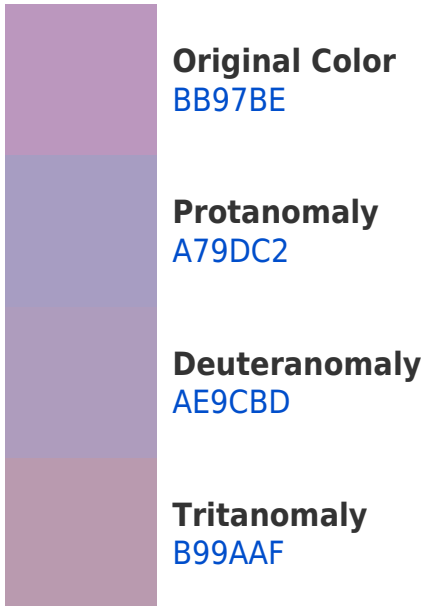
**Protanopia**  
9BA1C5

**Deuteranopia**  
A69FBC

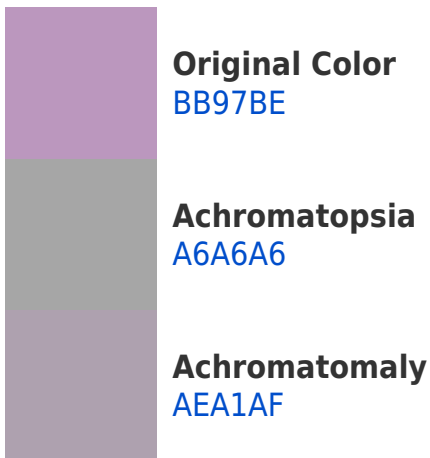


**Tritanopia**  
B89BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB97BE 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 #BB97BE looks like.

```
.text, #text, p{  
    color:#BB97BE  
}
```

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 #BB97BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB97BE
}
```

## Border

The CSS property to change the border of an element to Hex BB97BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

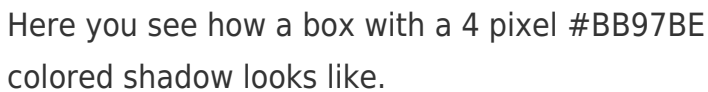
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB97BE }
```

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

```
.border{ border-color:#BB97BE }
```

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



Here you see how a box with a 4 pixel #BB97BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB97BE; -webkit-box-shadow:4px 4px  
4px 4px #BB97BE; box-shadow:4px 4px 4px  
4px #BB97BE }
```

# Background

The CSS property to change the background color of an element to Hex BB97BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB97BE }
```

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

```
.background{ background-color:#BB97BE }
```

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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