

# Converting Colors

Hex(BB97DE)

Have a look what the booklet for  
Hex(BB97DE) contains.

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# Color

Hex(**BB97DE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB97DE
RGB	187, 151, 222
RGB Percent	73%, 59%, 87%
CMY	0.2667, 0.4078, 0.1294
CMYK	0.16, 0.32, 0.00, 0.13
HSL	270°, 52%, 73%
HSV	270°, 32%, 87%
XYZ	44.7449, 37.9719, 74.0782
YIQ	169.8580, -1.3350, 29.7130

# Conversions

## Conversions Part 2

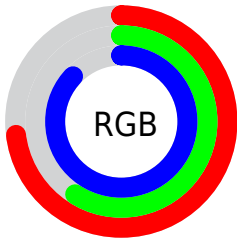
Format	Color
R <sub>Y</sub> B	187, 151, 222
Decimal	12294110
CIE Lab	68.00, 26.89, -31.08
CIE LCh	68, 41.096, 310.872
Yxy	37.9719, 0.2854, 0.2422
Android (android.graphics.Color)	4290484190 (0xFFBB97DE)
YUV	169.8580, 25.7060, 15.0335
Hunter-Lab	61.6214, 21.7763, -28.1406

# Details

The Hex color **BB97DE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BADE97**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F4CEFF**, and **8564A7** is the 20% darker color. If you saturate the color by 10%, you get **B081DE**, and if you desaturate by 10%, it is **C6ADDE**.

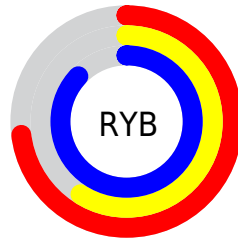
# Distribution



Red (73%)

Green (59%)

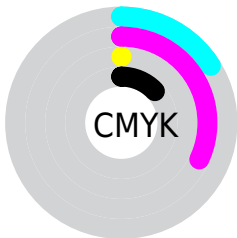
Blue (87%)



Red (73%)

Yellow (59%)

Blue (87%)

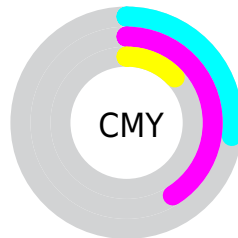


Cyan (16%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (41%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB97DE 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 BB97DE by changing the saturation by 10% instead.



 BB97DE

 BB97DE

FFFFFF

 A07DC2

 F4CEFF

 8564A7

 FFEAFF

 6B4B8C

 523472

 391E59

 210842

 0A002B

 000115

 000000

 BB97DE

 BB97DE

 B081DE

 C6ADDE

 A56BDE

 D1C3DE

 9A54DE

 DCDADE

 8F3EDE

 E7F0DE

 8428DE

 F2FFDE

 7912DE

 FDFFDE

 7100DE

 FFFFDE

# Harmonies

## Analogous

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



84A5EE



BB97DE



DF8BBF

# Triad

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



BB97DE



D19B60



00B9B2

# Complementary

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



BB97DE



BADE97

# 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.



57B78C



BB97DE



B0A85B

# Square

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



BB97DE



E78F77



88B26C



00B7D5

# Rectangle

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



BB97DE



EB88A6



88B26C



29B9A6



# Sweetspot

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



BB97DE



F2E6FF



97BBDE



787080



000000



808080



# Same Dimension

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



BB97DE



CF9EFF



DE97DE



6B6570



5900B0



190030



# Inverse Universe

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



DE97BA



FF9ECE



97DE97



70656B



B00057

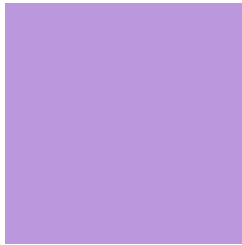


300018



# Previews

## White Background



This preview shows how the Hex color BB97DE looks on a white background.

## Color Contrast Check

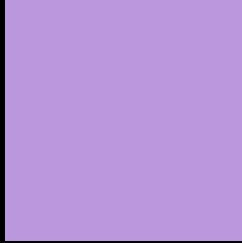
Large Text (above 18pt) WCAG AA × Fail

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 BB97DE 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 BB97DE Background



This preview shows how black text looks on a background with the Hex color BB97DE.

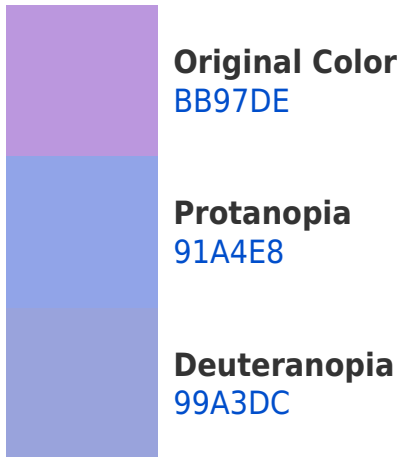


This preview shows how white text looks on a background with the Hex color BB97DE.

# 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](#).

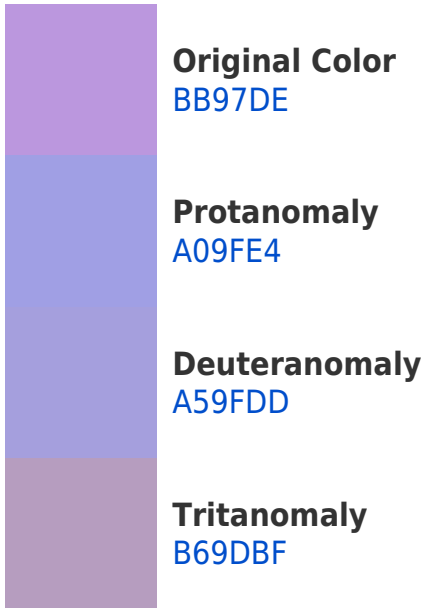
## Dichromacy



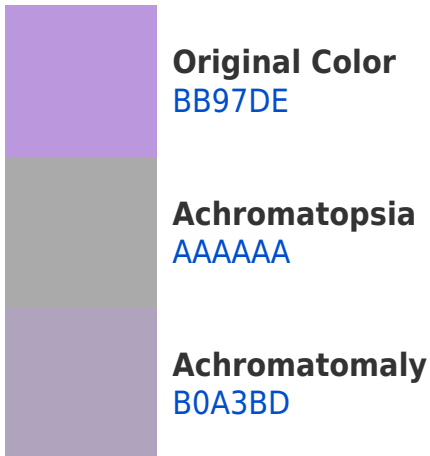


**Tritanopia**  
B3A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB97DE 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 #BB97DE looks like.

```
.text, #text, p{  
    color:#BB97DE  
}
```

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 #BB97DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB97DE
}
```

## Border

The CSS property to change the border of an element to Hex BB97DE 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
#BB97DE }
```

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

```
.border{ border-color:#BB97DE }
```

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

Here you see how a box with a 4 pixel #BB97DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB97DE; -webkit-box-shadow:4px 4px  
4px 4px #BB97DE; box-shadow:4px 4px 4px  
4px #BB97DE }
```

# Background

The CSS property to change the background color of an element to Hex BB97DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB97DE }
```

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

```
.background{ background-color:#BB97DE }
```

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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