

# Converting Colors

Hex(BD97CD)

Have a look what the booklet for  
Hex(BD97CD) contains.

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# **Color**

**Hex(BD97CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD97CD
RGB	189, 151, 205
RGB Percent	74%, 59%, 80%
CMY	0.2588, 0.4078, 0.1961
CMYK	0.08, 0.26, 0.00, 0.20
HSL	282°, 35%, 70%
HSV	282°, 26%, 80%
XYZ	43.0723, 37.3598, 62.6986
YIQ	168.5180, 5.3140, 24.8500

# Conversions

## Conversions Part 2

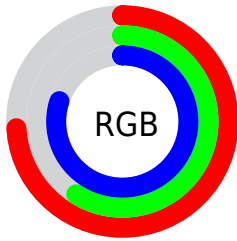
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 151, 205
Decimal	12425165
CIE Lab	67.55, 23.94, -22.35
CIE LCh	68, 32.748, 316.972
Yxy	37.3598, 0.3009, 0.2610
Android (android.graphics.Color)	4290615245 (0xFFBD97CD)
YUV	168.5180, 17.9856, 17.9627
Hunter-Lab	61.1227, 18.8219, -18.0328

# Details

The Hex color **BD97CD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7CD97**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F6CDFF**, and **876497** is the 20% darker color. If you saturate the color by 10%, you get **B783CD**, and if you desaturate by 10%, it is **C3ACCD**.

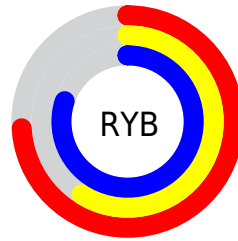
# Distribution



Red (74%)

Green (59%)

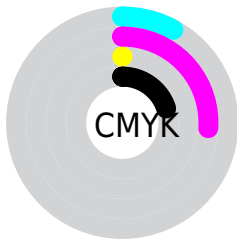
Blue (80%)



Red (74%)

Yellow (59%)

Blue (80%)

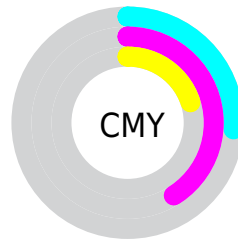


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (41%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD97CD 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 BD97CD by changing the saturation by 10% instead.



 BD97CD

 BD97CD

FFFFFF

 A27DB1

 F6CFFF

 876497

 FFEAFF

 6D4B7D

 543464

 3C1E4B

 250835

 0D001F

 000002

 000000

 BD97CD

 BD97CD

 B783CD

 C3ACCD

 B16ECD

 C9C0CD

 AB5ACD

 CFD5CD

 A545CD

 D5E9CD

 9F31CD

 DBFECD

 991CCD

 E1FFCD

 9208CD

 E8FFCD

 9000CD

 EEFFCD

 F4FFCD

# Harmonies

## Analogous

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



96A2DD



BD97CD



D68FB3

# Triad

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



BD97CD



C49E6B



43B5B5

# Complementary

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



BD97CD



A7CD97

# 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.



63B496



BD97CD



A8A86B

# Square

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



BD97CD



D8957B



86AF7B



41B2CF

# Rectangle

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



BD97CD



DE8E9F



86AF7B



4CB5AB



# Sweetspot

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



BD97CD



F9EBFF



97A7CD



7C7380



000000



808080



# Same Dimension

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



BD97CD



E7ADFF



CD97C2



635C66



7500A6



1B0026



# Inverse Universe

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



CD97A7



FFADC6



97CDA2



665C5F



A60031

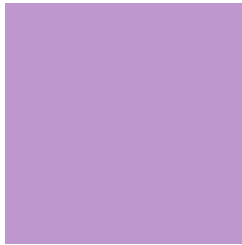


26000B



# Previews

## White Background



This preview shows how the Hex color BD97CD looks on a white background.

## Color Contrast Check

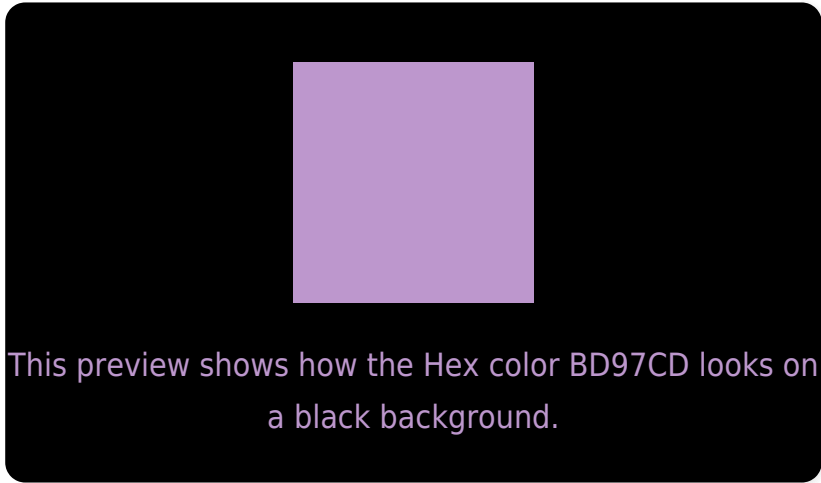
Large Text (above 18pt) WCAG AA × Fail

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 BD97CD Background



This preview shows how black text looks on a background with the Hex color BD97CD.

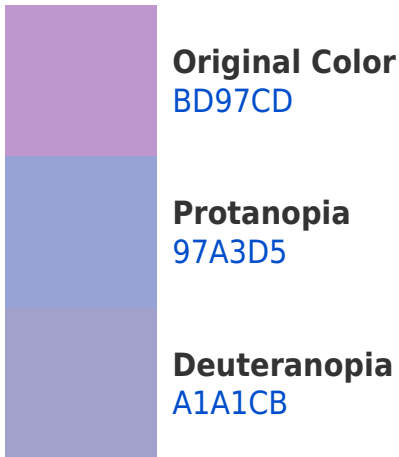


This preview shows how white text looks on a background with the Hex color BD97CD.

# 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**  
B89EAA

# Trichromacy



**Original Color**  
BD97CD

**Protanomaly**  
A59FD2

**Deuteranomaly**  
AB9DCC

**Tritanomaly**  
BA9BB7

# Monochromacy



**Original Color**  
BD97CD

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
B0A2B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD97CD 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 #BD97CD looks like.

```
.text, #text, p{  
    color:#BD97CD  
}
```

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 #BD97CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD97CD
}
```

## Border

The CSS property to change the border of an element to Hex BD97CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

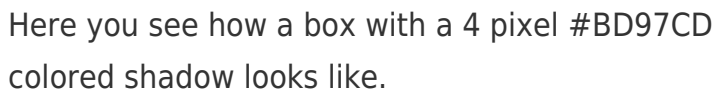
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD97CD }
```

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

```
.border{ border-color:#BD97CD }
```

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



Here you see how a box with a 4 pixel `#BD97CD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD97CD; -webkit-box-shadow:4px 4px  
4px 4px #BD97CD; box-shadow:4px 4px 4px  
4px #BD97CD }
```

# Background

The CSS property to change the background color of an element to Hex BD97CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD97CD }
```

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

```
.background{ background-color:#BD97CD }
```

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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