

# Converting Colors

Hex(BD99CC)

Have a look what the booklet for  
Hex(BD99CC) contains.

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# **Color**

**Hex(BD99CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD99CC
RGB	189, 153, 204
RGB Percent	74%, 60%, 80%
CMY	0.2588, 0.4000, 0.2000
CMYK	0.07, 0.25, 0.00, 0.20
HSL	282°, 33%, 70%
HSV	282°, 25%, 80%
XYZ	43.2766, 37.9609, 62.1730
YIQ	169.5780, 5.0850, 23.4930

# Conversions

## Conversions Part 2

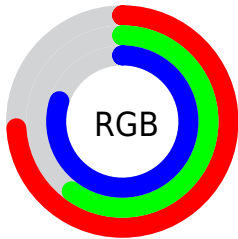
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 153, 204
Decimal	12425676
CIELab	67.99, 22.62, -21.11
CIELCh	68, 30.944, 316.982
Yxy	37.9609, 0.3018, 0.2647
Android (android.graphics.Color)	4290615756 (0xFFBD99CC)
YUV	169.5780, 16.9700, 17.0331
Hunter-Lab	61.6124, 17.5567, -16.7007

# Details

The Hex color **BD99CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8CC99**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F6D0FF**, and **876696** is the 20% darker color. If you saturate the color by 10%, you get **B785CC**, and if you desaturate by 10%, it is **C3ADCC**.

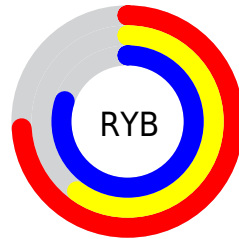
# Distribution



Red (74%)

Green (60%)

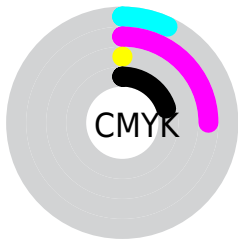
Blue (80%)



Red (74%)

Yellow (60%)

Blue (80%)

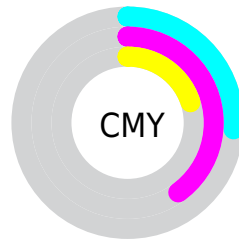


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (40%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD99CC 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 BD99CC by changing the saturation by 10% instead.



 BD99CC

 BD99CC

FFFFFF

 A27FB0

 F6D0FF

 876696

 FFECFF

 6D4D7C

 553663

 3D204B

 260B34

 0F001F

 000001

 000000

 BD99CC

 BD99CC

 B785CC

 C3ADCC

 B170CC

 C9C2CC

 AB5CCC

 CFD6CC

 A547CC

 D5EBCC

 9F33CC

 DBFFCC

 991FCC

 E1FFCC

 930ACC

 E7FFCC

 9000CC

 EDF FCC

 F3FFCC

# Harmonies

## Analogous

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



98A3DB



BD99CC



D592B3

# Triad

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



BD99CC



C4A070



4DB5B5

# Complementary

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



BD99CC



A8CC99

# 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.



68B498



BD99CC



A9A970

# Square

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



BD99CC



D7977E



89B07F



4DB2CE

# Rectangle

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



BD99CC



DC91A0



89B07F



55B5AB



# Sweetspot

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



BD99CC



F9EBFF



99A8CC



7C7380



000000



808080



# Same Dimension

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



BD99CC



E9B3FF



CC99C2



635C66



7500A6



1B0026



# Inverse Universe

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



CC99A8



FFB3C9



99CCA3



665C5F



A60031

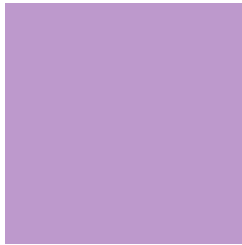


26000B



# Previews

## White Background



This preview shows how the Hex color BD99CC looks on a white background.

## Color Contrast Check

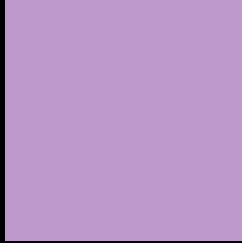
Large Text (above 18pt) WCAG AA × Fail

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 BD99CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

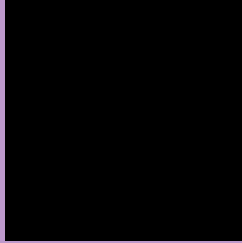
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD99CC Background



This preview shows how black text looks on a background with the Hex color BD99CC.

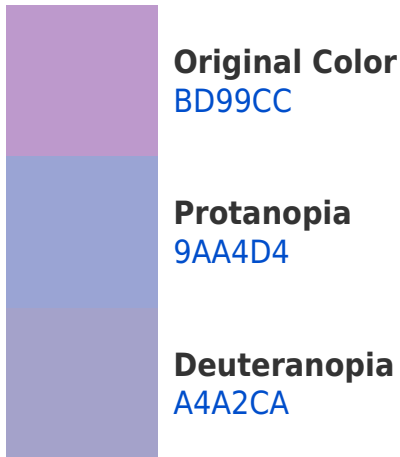


This preview shows how white text looks on a background with the Hex color BD99CC.

# 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**  
B89FAB

# Trichromacy



**Original Color**  
BD99CC

**Protanomaly**  
A7A0D1

**Deuteranomaly**  
AD9FCB

**Tritanomaly**  
BA9DB7

# Monochromacy



**Original Color**  
BD99CC

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B1A4B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD99CC 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 #BD99CC looks like.

```
.text, #text, p{  
    color:#BD99CC  
}
```

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 #BD99CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD99CC
}
```

## Border

The CSS property to change the border of an element to Hex BD99CC 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
#BD99CC }
```

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

```
.border{ border-color:#BD99CC }
```

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

Here you see how a box with a 4 pixel #BD99CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD99CC; -webkit-box-shadow:4px 4px  
4px 4px #BD99CC; box-shadow:4px 4px 4px  
4px #BD99CC }
```

# Background

The CSS property to change the background color of an element to Hex BD99CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD99CC }
```

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

```
.background{ background-color:#BD99CC }
```

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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