

# Converting Colors

Hex(BD99DB)

Have a look what the booklet for  
Hex(BD99DB) contains.

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# **Color**

**Hex(BD99DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD99DB
RGB	189, 153, 219
RGB Percent	74%, 60%, 86%
CMY	0.2588, 0.4000, 0.1412
CMYK	0.14, 0.30, 0.00, 0.14
HSL	273°, 48%, 73%
HSV	273°, 30%, 86%
XYZ	45.1637, 38.7158, 72.1103
YIQ	171.2880, 0.2700, 28.1580

# Conversions

## Conversions Part 2

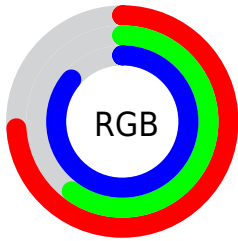
Format	Color
R <sub>Y</sub> B	189, 153, 219
Decimal	12425691
CIE Lab	68.54, 25.75, -28.56
CIE LCh	69, 38.459, 312.036
Yxy	38.7158, 0.2895, 0.2482
Android (android.graphics.Color)	4290615771 (0xFFBD99DB)
YUV	171.2880, 23.5220, 15.5334
Hunter-Lab	62.2220, 20.6753, -25.1570

# Details

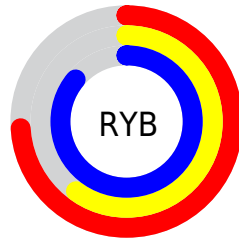
The Hex color **BD99DB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7DB99**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F6D0FF**, and **8766A4** is the 20% darker color. If you saturate the color by 10%, you get **B383DB**, and if you desaturate by 10%, it is **C7AFDB**.

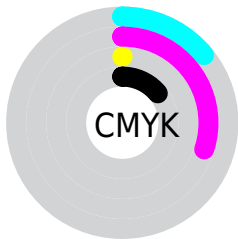
# Distribution



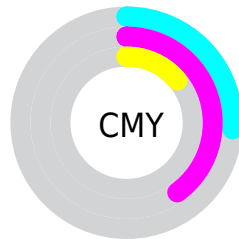
- Red (74%)
- Green (60%)
- Blue (86%)



- Red (74%)
- Yellow (60%)
- Blue (86%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (40%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD99DB 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 BD99DB by changing the saturation by 10% instead.



 BD99DB

FFFFFF

 F6D0FF

 FFECFF

 BD99DB

 A27FBF

 8766A4

 6D4D89

 543670

 3B2057

 240A3F

 0F0029

 000113

 000000

 BD99DB

 BD99DB

 B383DB

 C7AFDB

 A96DDB

 D1C5DB

 9F57DB

 DBDBDB

 9541DB

 E5F1DB

 8B2CDB

 EFFFDB

 8116DB

 F9FFDB

 7700DB

 FFFFDB

# Harmonies

## Analogous

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



8BA6EB



BD99DB



DE8FBD

# Triad

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



BD99DB



D09E65



25BAB4

# Complementary

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



BD99DB



B7DB99

# 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.



5DB891



BD99DB



B0AA62

# Square

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



BD99DB



E5927A



8AB372



00B7D5

# Rectangle

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



BD99DB



E98CA6



8AB372



3ABAA8



# Sweetspot

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



BD99DB



F5E8FF



99B8DB



797180



000000



808080



# Same Dimension

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



BD99DB



D5A3FF



DB99D9



69636E



5F00AD



19002E



# Inverse Universe

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



DB99B7



FFA3CD



99DB9B



6E6368



AD004F

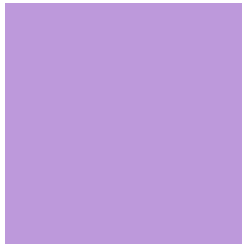


2E0015



# Previews

## White Background



This preview shows how the Hex color BD99DB 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

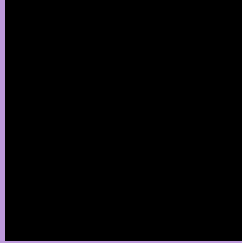
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD99DB Background



This preview shows how black text looks on a background with the Hex color BD99DB.

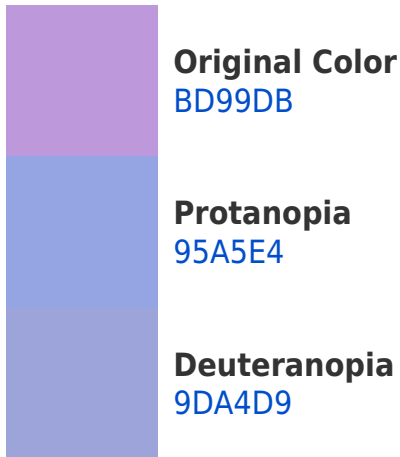


This preview shows how white text looks on a background with the Hex color BD99DB.

# 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**  
B6A2AE

# Trichromacy



**Original Color**  
BD99DB

**Protanomaly**  
A4A1E1

**Deuteranomaly**  
A9A0DA

**Tritanomaly**  
B99FBE

# Monochromacy



**Original Color**  
BD99DB

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B2A4BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD99DB 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 #BD99DB looks like.

```
.text, #text, p{  
    color:#BD99DB  
}
```

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 #BD99DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD99DB  
}
```

## Border

The CSS property to change the border of an element to Hex BD99DB 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  
#BD99DB }
```

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

```
.border{ border-color:#BD99DB }
```

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

Here you see how a box with a 4 pixel #BD99DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD99DB; -webkit-box-shadow:4px 4px  
4px 4px #BD99DB; box-shadow:4px 4px 4px  
4px #BD99DB }
```

# Background

The CSS property to change the background color of an element to Hex BD99DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD99DB }
```

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

```
.background{ background-color:#BD99DB }
```

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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