

# Converting Colors

Hex(BCB1DD)

Have a look what the booklet for  
Hex(BCB1DD) contains.

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# **Color**

**Hex(BCB1DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCB1DD
RGB	188, 177, 221
RGB Percent	74%, 69%, 87%
CMY	0.2627, 0.3059, 0.1333
CMYK	0.15, 0.20, 0.00, 0.13
HSL	255°, 39%, 78%
HSV	255°, 20%, 87%
XYZ	49.5123, 47.3561, 74.9377
YIQ	185.3050, -7.5680, 16.0160

# Conversions

## Conversions Part 2

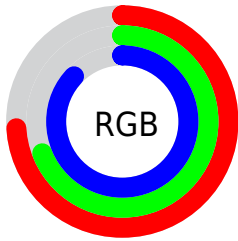
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 177, 221
Decimal	12366301
CIELab	74.42, 12.58, -20.69
CIELCh	74, 24.215, 301.306
Yxy	47.3561, 0.2882, 0.2756
Android (android.graphics.Color)	4290556381 (0xFFBCB1DD)
YUV	185.3050, 17.5976, 2.3635
Hunter-Lab	68.8158, 8.0015, -16.3934

# Details

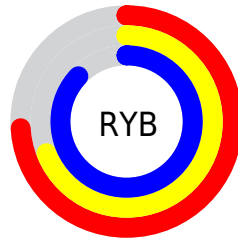
The Hex color **BCB1DD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D2DDB1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F5E9FF**, and **867CA6** is the 20% darker color. If you saturate the color by 10%, you get **AB9BDD**, and if you desaturate by 10%, it is **CDC7DD**.

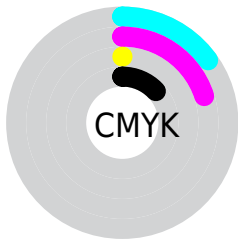
# Distribution



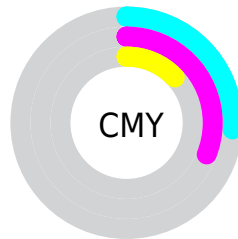
- Red (74%)
- Green (69%)
- Blue (87%)



- Red (74%)
- Yellow (69%)
- Blue (87%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (31%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB1DD 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 BCB1DD by changing the saturation by 10% instead.



■ BCB1DD

■ BCB1DD

FFFFFF

■ A196C1

■ F5E9FF

■ 867CA6

■ 6D648B

■ 544C72

■ 3C3559

■ 252042

■ 11092B

■ 000116

■ 000000

 BCB1DD

 BCB1DD

 AB9BDD

 CDC7DD

 9B85DD

 DDDDDD

 8A6FDD

 EEF3DD

 7A59DD

 FEFFDD

 6943DD

 FFFFDD

 592CDD

 4816DD

 3700DD

# Harmonies

## Analogous

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



9EB9E3



BCB1DD



D5AACD

# Triad

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



BCB1DD



DAAE91



80C4B7

# Complementary

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



BCB1DD



D2DDB1

# 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.



95C2A1



BCB1DD



C7B68B

# Square

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



BCB1DD



E4A9A1



AFBD91



77C3CD

# Rectangle

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



BCB1DD



DFA8BE



AFBD91



86C3B0



# Sweetspot

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



BCB1DD



F4F0FF



B1D2DD



797780



000000



808080



# Same Dimension

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



BCB1DD



D1C2FF



D2B1DD



65636E



2B00AD



0B002E



# Inverse Universe

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



DDB1D2



FFC2F0



BCDDB1



6E636B



AD0082



2E0022



# Previews

## White Background



This preview shows how the Hex color BCB1DD looks on a white background.

## Color Contrast Check

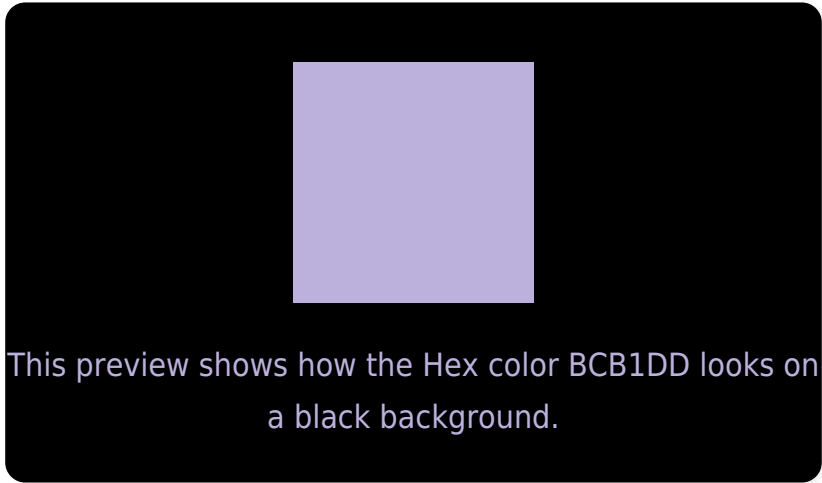
Large Text (above 18pt) WCAG AA × Fail

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 BCB1DD Background



This preview shows how black text looks on a background with the Hex color BCB1DD.

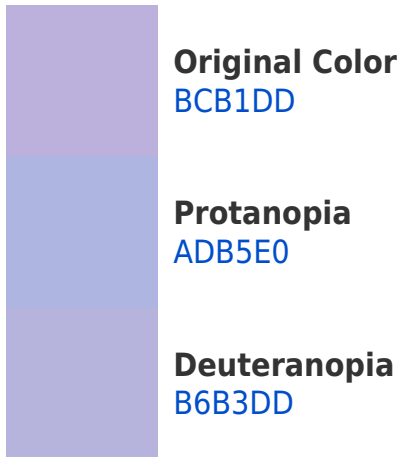


This preview shows how white text looks on a background with the Hex color BCB1DD.

# 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](#).

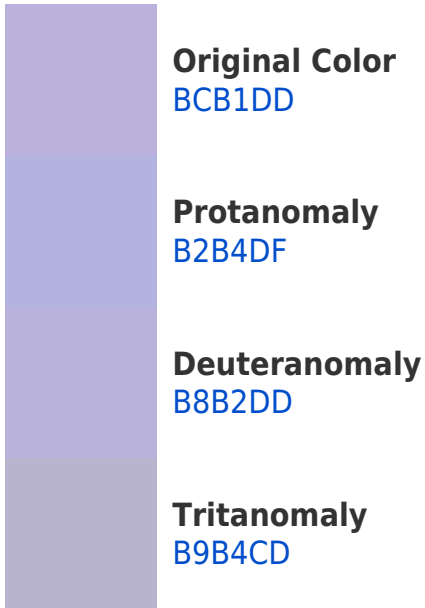
## Dichromacy



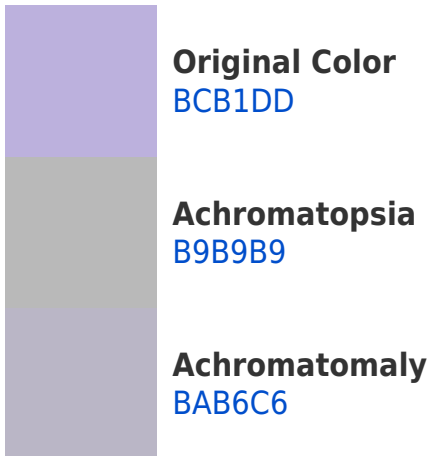


**Tritanopia**  
B8B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB1DD 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 #BCB1DD looks like.

```
.text, #text, p{  
    color:#BCB1DD  
}
```

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 #BCB1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB1DD } }
```

## Border

The CSS property to change the border of an element to Hex BCB1DD 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 #BCB1DD } }
```

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

```
.border{ border-color:#BCB1DD }
```

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

Here you see how a box with a 4 pixel #BCB1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB1DD; -webkit-box-shadow:4px 4px  
4px 4px #BCB1DD; box-shadow:4px 4px 4px  
4px #BCB1DD }
```

# Background

The CSS property to change the background color of an element to Hex BCB1DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB1DD }
```

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

```
.background{ background-color:#BCB1DD }
```

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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