

# Converting Colors

Hex(BCB7DB)

Have a look what the booklet for  
Hex(BCB7DB) contains.

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# **Color**

**Hex(BCB7DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB7DB
RGB	188, 183, 219
RGB Percent	74%, 72%, 86%
CMY	0.2627, 0.2824, 0.1412
CMYK	0.14, 0.16, 0.00, 0.14
HSL	248°, 33%, 79%
HSV	248°, 16%, 86%
XYZ	50.4587, 49.6728, 73.9462
YIQ	188.5990, -8.5760, 12.2560

# Conversions

## Conversions Part 2

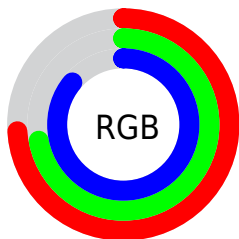
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 183, 219
Decimal	12367835
CIELab	75.87, 8.88, -17.41
CIELCh	76, 19.538, 297.017
Yxy	49.6728, 0.2899, 0.2853
Android (android.graphics.Color)	4290557915 (0xFFBCB7DB)
YUV	188.5990, 14.9877, -0.5253
Hunter-Lab	70.4789, 4.4572, -12.8715

# Details

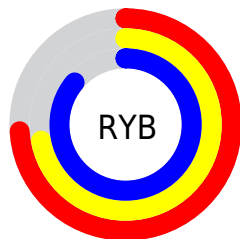
The Hex color **BCB7DB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6DBB7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F4EFFF**, and **8682A4** is the 20% darker color. If you saturate the color by 10%, you get **A9A1DB**, and if you desaturate by 10%, it is **CFCDDB**.

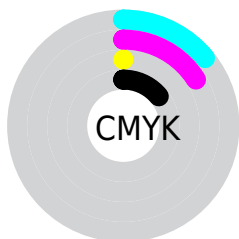
# Distribution



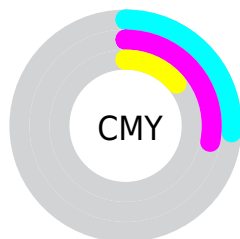
- Red (74%)
- Green (72%)
- Blue (86%)



- Red (74%)
- Yellow (72%)
- Blue (86%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (28%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB7DB 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 BCB7DB by changing the saturation by 10% instead.



■ BCB7DB

■ BCB7DB

FFFFFF

■ A19CBF

■ F4EFFF

■ 8682A4

■ 6D698A

■ 545170

■ 3D3A58

■ 262440

■ 11102A

■ 000115

■ 000000

 BCB7DB

 BCB7DB

 A9A1DB


 CFCDDDB

 968BDB

 E2E3DB

 8375DB

 F5F9DB

 715FDB

 FFFFDB

 5E4ADB

 4B34DB

 381EDB

 2508DB

 1E00DB

# Harmonies

## Analogous

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



A4BDDF



BCB7DB



D1B1CF

# Triad

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



BCB7DB



DAB39D



92C5B8

# Complementary

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



BCB7DB



D6DBB7

# 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.



A3C3A7



BCB7DB



CBB997

# Square

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



BCB7DB



E1AFAB



B7BF9B



8AC5CB

# Rectangle

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



BCB7DB



DBAFC4



B7BF9B



97C5B2



# Sweetspot

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



BCB7DB



F4F2FF



B7D6DB



797880



000000



808080



# Same Dimension

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



BCB7DB



D3CCFF



CEB7DB



64636E



1800AD



06002E



# Inverse Universe

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



DBB7D6



FFCCF8



C4DBB7



6E636C



AD0095

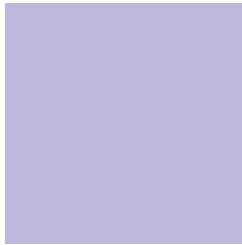


2E0028



# Previews

## White Background



This preview shows how the Hex color BCB7DB looks on a white background.

## Color Contrast Check

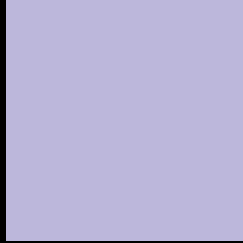
Large Text (above 18pt) WCAG AA × Fail

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 BCB7DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

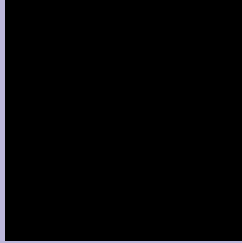
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCB7DB Background



This preview shows how black text looks on a background with the Hex color BCB7DB.



This preview shows how white text looks on a background with the Hex color BCB7DB.

# 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



**Original Color**  
BCB7DB

**Protanopia**  
B4B9DD

**Deuteranopia**  
BEB6DB



**Tritanopia**  
B9BAC9

# Trichromacy



**Original Color**  
BCB7DB

**Protanomaly**  
B7B8DC

**Deuteranomaly**  
BDB6DB

**Tritanomaly**  
BAB9D0

# Monochromacy



**Original Color**  
BCB7DB

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
BDBBC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB7DB 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 #BCB7DB looks like.

```
.text, #text, p{  
    color:#BCB7DB  
}
```

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 #BCB7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB7DB  
}
```

## Border

The CSS property to change the border of an element to Hex BCB7DB 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  
#BCB7DB }
```

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

```
.border{ border-color:#BCB7DB }
```

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

Here you see how a box with a 4 pixel #BCB7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB7DB; -webkit-box-shadow:4px 4px  
4px 4px #BCB7DB; box-shadow:4px 4px 4px  
4px #BCB7DB }
```

# Background

The CSS property to change the background color of an element to Hex BCB7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB7DB }
```

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

```
.background{ background-color:#BCB7DB }
```

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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