

# Converting Colors

Hex(BDB7CD)

Have a look what the booklet for  
Hex(BDB7CD) contains.

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# **Color**

**Hex(BDB7CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB7CD
RGB	189, 183, 205
RGB Percent	74%, 72%, 80%
CMY	0.2588, 0.2824, 0.1961
CMYK	0.08, 0.11, 0.00, 0.20
HSL	256°, 18%, 76%
HSV	256°, 11%, 80%
XYZ	48.9392, 49.0936, 64.6542
YIQ	187.3020, -3.4860, 8.1140

# Conversions

## Conversions Part 2

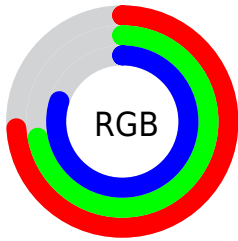
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 183, 205
Decimal	12433357
CIELab	75.51, 6.31, -10.33
CIELCh	76, 12.106, 301.443
Yxy	49.0936, 0.3008, 0.3018
Android (android.graphics.Color)	4290623437 (0xFFBDB7CD)
YUV	187.3020, 8.7251, 1.4891
Hunter-Lab	70.0668, 2.0591, -5.6632

# Details

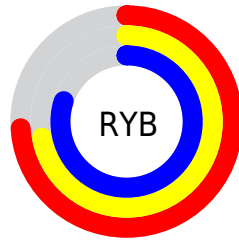
The Hex color **BDB7CD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C7CDB7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F5EFFF**, and **888297** is the 20% darker color. If you saturate the color by 10%, you get **AEA3CD**, and if you desaturate by 10%, it is **CCCCCCD**.

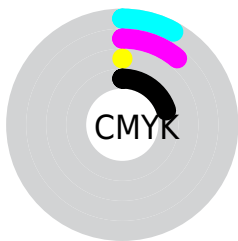
# Distribution



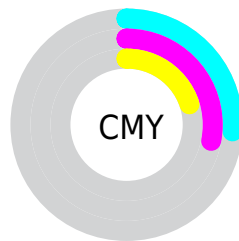
- Red (74%)
- Green (72%)
- Blue (80%)



- Red (74%)
- Yellow (72%)
- Blue (80%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (28%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB7CD 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 BDB7CD by changing the saturation by 10% instead.



 BDB7CD

 BDB7CD

FFFFFF

 A29CB2

 F5EFFF

 888297

 6E697D

 565164

 3E3A4C

 282435

 140F20

 000006

 000000

 BDB7CD

 BDB7CD

 AEA3CD

 CCCCCD

 9F8ECD

 DBE0CD

 907ACD

 EAF5CD

 8165CD

 F9FFCD

 7251CD

 FFFFCD

 643CCD

 5527CD

 4613CD

 3800CD

# Harmonies

## Analogous

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



AFBBD0



BDB7CD



C9B4C5

# Triad

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



BDB7CD



CDB6A7



A1C1BA

# Complementary

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



BDB7CD



C7CDB7

# 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.



AAC0AF



BDB7CD



C3B9A4

# Square

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



BDB7CD



D2B3AF



B6BDA7



9EC0C5

# Rectangle

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



**BDB7CD**



**CFB3BE**



**B6BDA7**



**A3C0B6**



# Sweetspot

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



BDB7CD



F9F7FF



B7C7CD



7C7A80



000000



808080



# Same Dimension

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



BDB7CD



E7DEFF



C8B7CD



5F5C66



2D00A6



0A0026

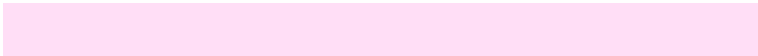


# Inverse Universe

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



CDB7C7



FFDEF6



BCCDB7



665C63



A60079



26001C



# Previews

## White Background



This preview shows how the Hex color BDB7CD looks on a white background.

## Color Contrast Check

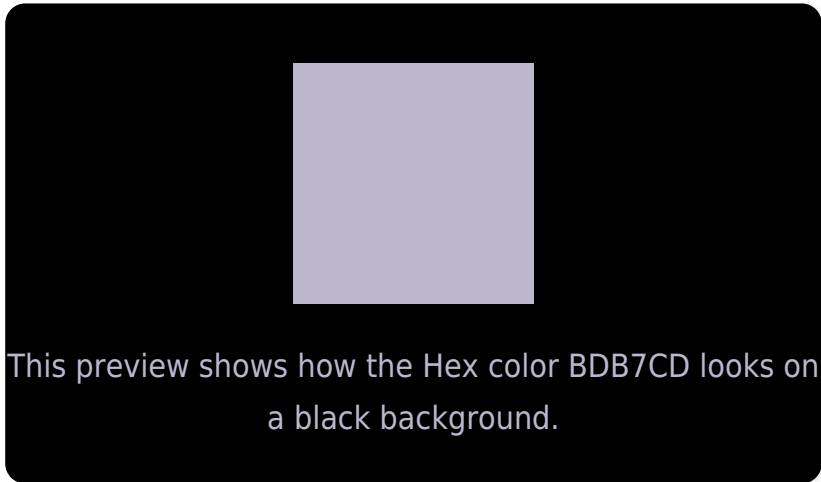
Large Text (above 18pt) WCAG AA × Fail

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

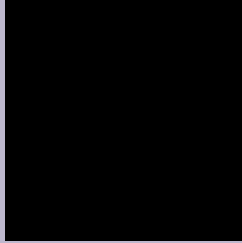
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

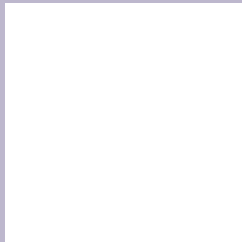
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDB7CD Background



This preview shows how black text looks on a background with the Hex color BDB7CD.



This preview shows how white text looks on a background with the Hex color BDB7CD.

# 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**  
BDB7CD

**Protanopia**  
B7B9CE

**Deuteranopia**  
C3B5CD



**Tritanopia**  
BCB8C7

# Trichromacy



**Original Color**  
BDB7CD

**Protanomaly**  
B9B8CE

**Deuteranomaly**  
C1B6CD

**Tritanomaly**  
BCB8C9

# Monochromacy



**Original Color**  
BDB7CD

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BCBAC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB7CD 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 #BDB7CD looks like.

```
.text, #text, p{  
    color:#BDB7CD  
}
```

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 #BDB7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB7CD
}
```

## Border

The CSS property to change the border of an element to Hex BDB7CD 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
#BDB7CD }
```

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

```
.border{ border-color:#BDB7CD }
```

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

Here you see how a box with a 4 pixel #BDB7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB7CD; -webkit-box-shadow:4px 4px  
4px 4px #BDB7CD; box-shadow:4px 4px 4px  
4px #BDB7CD }
```

# Background

The CSS property to change the background color of an element to Hex BDB7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB7CD }
```

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

```
.background{ background-color:#BDB7CD }
```

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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