

# Converting Colors

Hex(BDB1DA)

Have a look what the booklet for  
Hex(BDB1DA) contains.

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# **Color**

**Hex(BDB1DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB1DA
RGB	189, 177, 218
RGB Percent	74%, 69%, 85%
CMY	0.2588, 0.3059, 0.1451
CMYK	0.13, 0.19, 0.00, 0.15
HSL	258°, 36%, 77%
HSV	258°, 19%, 85%
XYZ	49.3633, 47.3251, 72.8626
YIQ	185.2620, -6.0090, 15.2950

# Conversions

## Conversions Part 2

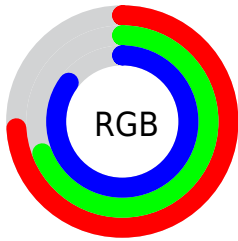
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 177, 218
Decimal	12431834
CIELab	74.40, 12.26, -19.08
CIELCh	74, 22.680, 302.733
Yxy	47.3251, 0.2911, 0.2791
Android (android.graphics.Color)	4290621914 (0xFFBDB1DA)
YUV	185.2620, 16.1398, 3.2782
Hunter-Lab	68.7932, 7.6965, -14.6420

# Details

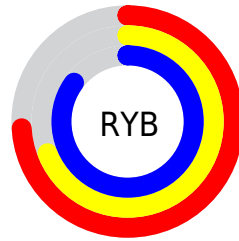
The Hex color **BDB1DA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CEDAB1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F5E9FF**, and **877CA3** is the 20% darker color. If you saturate the color by 10%, you get **AE9BDA**, and if you desaturate by 10%, it is **CCC7DA**.

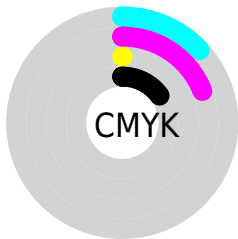
# Distribution



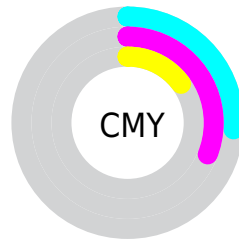
- Red (74%)
- Green (69%)
- Blue (85%)



- Red (74%)
- Yellow (69%)
- Blue (85%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB1DA 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 BDB1DA by changing the saturation by 10% instead.



 BDB1DA

 BDB1DA

FFFFFF

 A296BE

 F5E9FF

 877CA3

 6E6389

 554C6F

 3D3557

 27203F

 130929

 000114

 000000

 BDB1DA

 BDB1DA

 AE9BDA

 CCC7DA

 9E85DA

 DCDDDA

 8F70DA

 EBF2DA

 7F5ADA

 FBFFDA

 7044DA

 FFFFDA

 602EDA

 5118DA

 4203DA

 4000DA

# Harmonies

## Analogous

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



A1B8E0



BDB1DA



D4ABCA

# Triad

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



BDB1DA



D7AF93



83C3B8

# Complementary

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



BDB1DA



CEDAB1

# 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.



96C1A3



BDB1DA



C5B68D

# Square

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



BDB1DA



E1AAA1



AEBD94



7DC2CD

# Rectangle

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



BDB1DA



DDA9BD



AEBD94



89C3B1



# Sweetspot

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



BDB1DA



F4F0FF



B1CEDA



797780



000000



808080



# Same Dimension

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



BDB1DA



D6C4FF



D1B1DA



66636E



3300AD



0D002E



# Inverse Universe

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



DAB1CE



FFC4EE



BADAB1



6E636A



AD007B

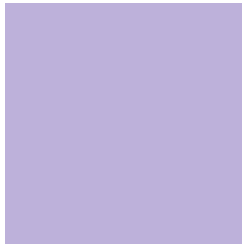


2E0020



# Previews

## White Background



This preview shows how the Hex color BDB1DA looks on a white background.

## Color Contrast Check

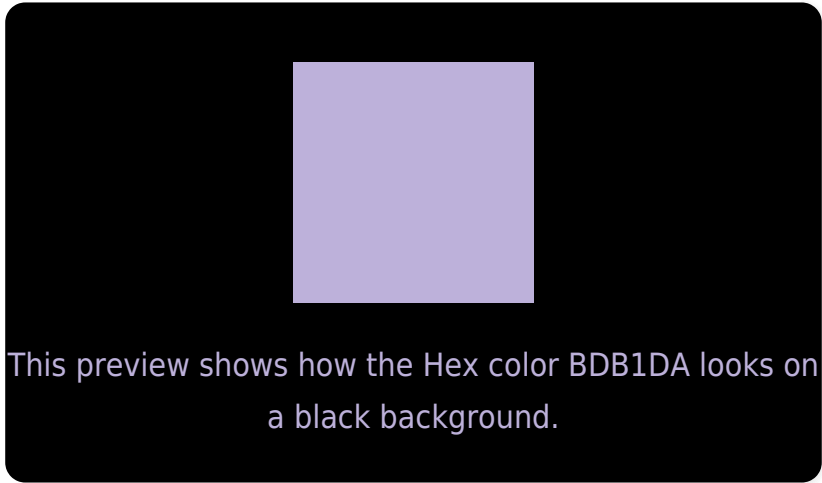
Large Text (above 18pt) WCAG AA × Fail

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

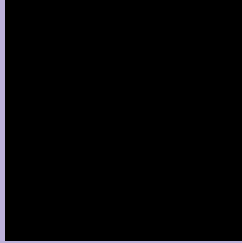
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDB1DA Background



This preview shows how black text looks on a background with the Hex color BDB1DA.

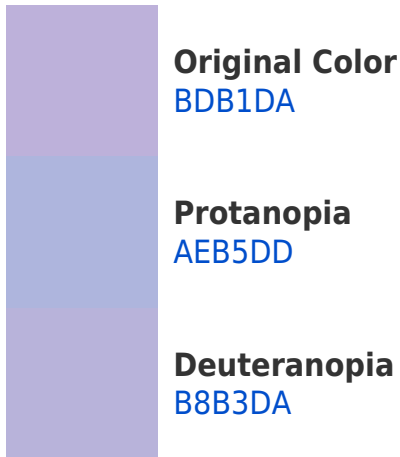


This preview shows how white text looks on a background with the Hex color BDB1DA.

# 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](#).

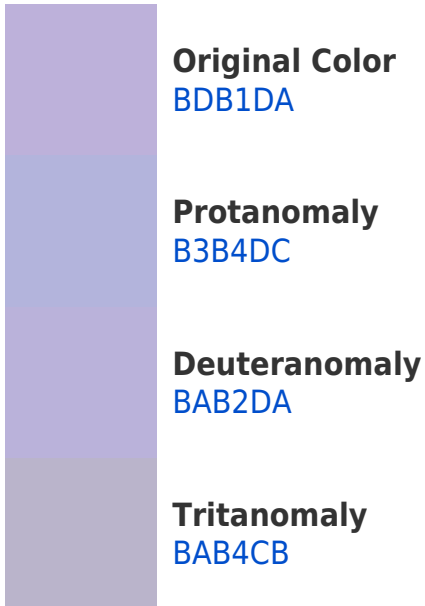
## Dichromacy



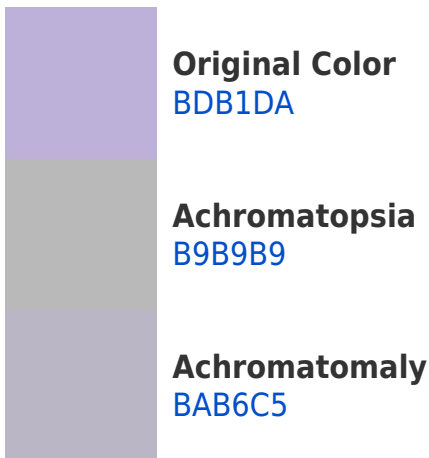


**Tritanopia**  
B9B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB1DA 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 #BDB1DA looks like.

```
.text, #text, p{  
    color:#BDB1DA  
}
```

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 #BDB1DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB1DA
}
```

## Border

The CSS property to change the border of an element to Hex BDB1DA 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
#BDB1DA }
```

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

```
.border{ border-color:#BDB1DA }
```

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

Here you see how a box with a 4 pixel #BDB1DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB1DA; -webkit-box-shadow:4px 4px  
4px 4px #BDB1DA; box-shadow:4px 4px 4px  
4px #BDB1DA }
```

# Background

The CSS property to change the background color of an element to Hex BDB1DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB1DA }
```

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

```
.background{ background-color:#BDB1DA }
```

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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