

# Converting Colors

Hex(BDB1B3)

Have a look what the booklet for  
Hex(BDB1B3) contains.

<b>Hex(BDB1B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BDB1B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB1B3
RGB	189, 177, 179
RGB Percent	74%, 69%, 70%
CMY	0.2588, 0.3059, 0.2980
CMYK	0.00, 0.06, 0.05, 0.26
HSL	350°, 8%, 72%
HSV	350°, 6%, 74%
XYZ	44.8451, 45.5178, 49.0700
YIQ	180.8160, 6.5100, 3.1660

# Conversions

## Conversions Part 2

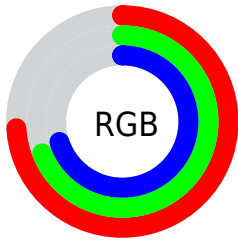
Format	Color
<a href="#">RYB</a>	<a href="#">189, 177, 179</a>
Decimal	<a href="#">12431795</a>
CIELab	<a href="#">73.23, 4.63, 0.51</a>
CIELCh	<a href="#">73, 4.660, 6.282</a>
Yxy	<a href="#">45.5178, 0.3216, 0.3264</a>
Android (android.graphics.Color)	<a href="#">4290621875</a> ( <a href="#">0xFFBDB1B3</a> )
YUV	<a href="#">180.8160, -0.8953, 7.1774</a>
Hunter-Lab	<a href="#">67.4669, 0.5816, 4.1040</a>

# Details

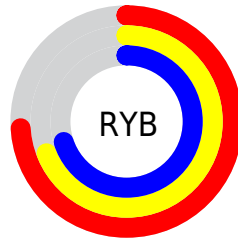
The Hex color **BDB1B3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B1BDBB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F5E9EB**, and **887C7E** is the 20% darker color. If you saturate the color by 10%, you get **BD9EA3**, and if you desaturate by 10%, it is **BDC4C3**.

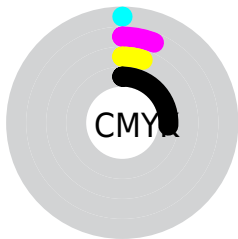
# Distribution



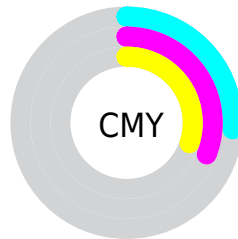
- Red (74%)
- Green (69%)
- Blue (70%)



- Red (74%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB1B3 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 BDB1B3 by changing the saturation by 10% instead.



 BDB1B3

 BDB1B3

FFFFFF

 A29698

 F5E9EB

 887C7E

 6E6465

 564C4D

 3F3537

 292021

 15080B

 000000

 BDB1B3

 BDB1B3

 BD9EA3

 BDC4C3

 BD8B93

 BDD7D3

 BD7884

 BDEAE2

 BD6574

 BDFDF2

 BD5264

 BDFFFF

 BD4054

 BD2D45

 BD1A35

 BD0725

# Harmonies

## Analogous

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



BAB1B7



BDB1B3



BDB1AF

# Triad

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



BDB1B3



B2B5AD



ACB5BB

# Complementary

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



**BDB1B3**



**B1DBBB**

# 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.



AAB6B9



BDB1B3



ADB6B0

# Square

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



BDB1B3



B7B4AB



AAB6B5



B1B4BC

# Rectangle

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



BDB1B3



BCB2AD



AAB6B5



ABB6BB

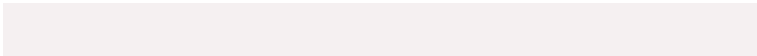


# Sweetspot

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



BDB1B3



F5F0F1



BBB1BD



7A7878



FAFAFA



7A7A7A

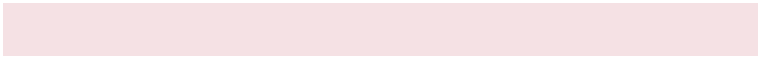


# Same Dimension

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



BDB1B3



F5E1E4



BDB5B1



5E5556



9E001A



1F0005

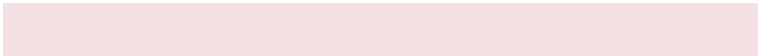


# Inverse Universe

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



BDB1B3



F5E1E4



B1B9BD



5E5556



9E001A

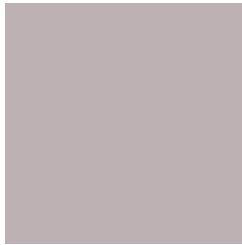


1F0005



# Previews

## White Background



This preview shows how the Hex color BDB1B3 looks on a white background.

## Color Contrast Check

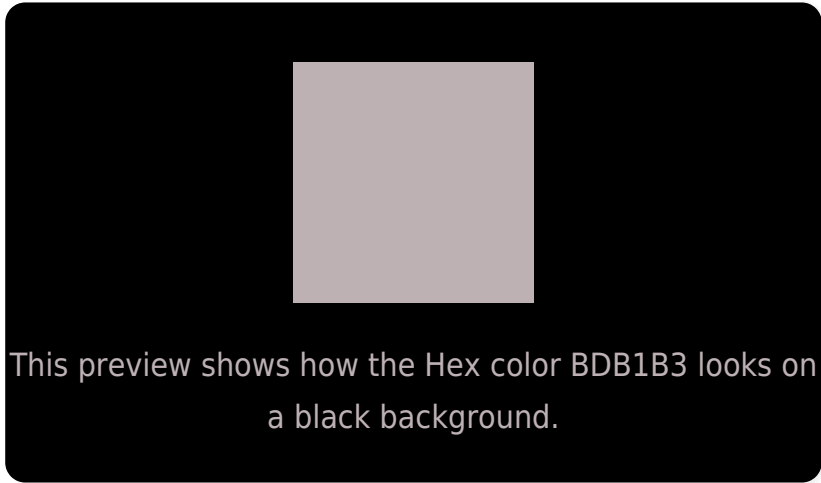
Large Text (above 18pt) WCAG AA × Fail

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

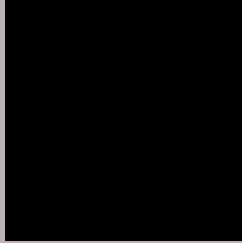
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

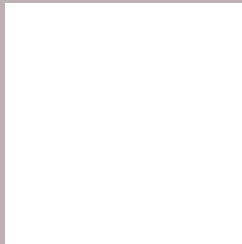
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDB1B3 Background



This preview shows how black text looks on a background with the Hex color BDB1B3.

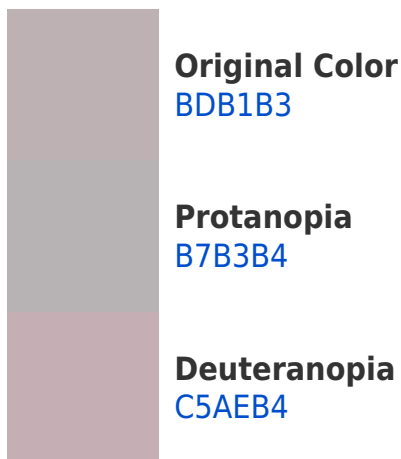


This preview shows how white text looks on a background with the Hex color BDB1B3.

# 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





# Trichromacy



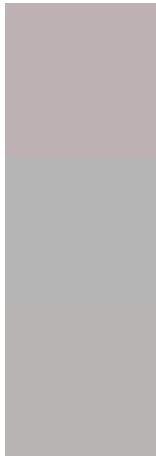
**Original Color**  
BDB1B3

**Protanomaly**  
B9B2B4

**Deuteranomaly**  
C2AFB4

**Tritanomaly**  
BEB0B9

# Monochromacy



**Original Color**  
BDB1B3

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
B8B4B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB1B3 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 #BDB1B3 looks like.

```
.text, #text, p{  
    color:#BDB1B3  
}
```

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 #BDB1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB1B3
}
```

## Border

The CSS property to change the border of an element to Hex BDB1B3 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
#BDB1B3 }
```

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

```
.border{ border-color:#BDB1B3 }
```

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

Here you see how a box with a 4 pixel #BDB1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB1B3; -webkit-box-shadow:4px 4px  
4px 4px #BDB1B3; box-shadow:4px 4px 4px  
4px #BDB1B3 }
```

# Background

The CSS property to change the background color of an element to Hex BDB1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB1B3 }
```

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

```
.background{ background-color:#BDB1B3 }
```

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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