

# Converting Colors

Hex(BDB0B7)

Have a look what the booklet for  
Hex(BDB0B7) contains.

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# **Color**

**Hex(BDB0B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB0B7
RGB	189, 176, 183
RGB Percent	74%, 69%, 72%
CMY	0.2588, 0.3098, 0.2824
CMYK	0.00, 0.07, 0.03, 0.26
HSL	328°, 9%, 72%
HSV	328°, 7%, 74%
XYZ	45.0588, 45.2884, 51.1664
YIQ	180.6850, 5.5010, 4.9330

# Conversions

## Conversions Part 2

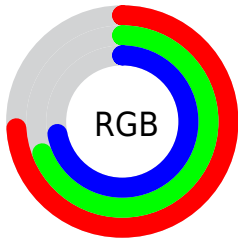
Format	Color
R <sub>Y</sub> B	189, 176, 183
Decimal	12431543
CIE Lab	73.08, 5.90, -1.90
CIE LCh	73, 6.195, 342.119
Yxy	45.2884, 0.3184, 0.3200
Android (android.graphics.Color)	4290621623 (0xFFBDB0B7)
YUV	180.6850, 1.1413, 7.2923
Hunter-Lab	67.2966, 1.7465, 2.0288

# Details

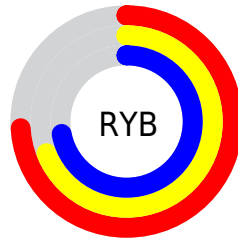
The Hex color **BDB0B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B0BDB6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F5E8EF**, and **887C82** is the 20% darker color. If you saturate the color by 10%, you get **BD9DAE**, and if you desaturate by 10%, it is **BDC3C0**.

# Distribution



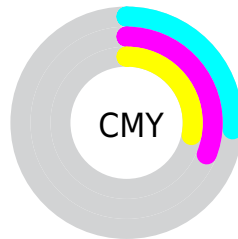
- Red (74%)
- Green (69%)
- Blue (72%)



- Red (74%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB0B7 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 BDB0B7 by changing the saturation by 10% instead.



 BDB0B7

 BDB0B7

FFFFFF

 A2959C

 F5E8EF

 887C82

 6E6369

 564B51

 3F343A

 291F24

 15070F

 000000

 BDB0B7

 BDB0B7

 BD9DAE

 BDC3C0

 BD8AA6

 BDD6C8

 BD779D

 BDE9D1

 BD6494

 BDFCDA

 BD528B

 BDFFE3

 BD3F83

 BDFFEB

 BD2C7A

 BDFFF4

 BD1971

 BDFFFD

 BD0668

 BDFFFF

# Harmonies

## Analogous

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



B7B1BC



BDB0B7



C0B0B1

# Triad

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



BDB0B7



B6B4A8



A6B6BB

# Complementary

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



**BDB0B7**



**B0BDB6**

# 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.



A6B7B6



BDB0B7



AFB5AB

# Square

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



BDB0B7



BCB2A9



A9B7B0



AAB5BE

# Rectangle

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



BDB0B7



C0B0AE



A9B7B0



A6B7B9



# Sweetspot

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



BDB0B7



F5F0F3



B6B0BD



7A7879



FAFAFA



7A7A7A



# Same Dimension

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



BDB0B7



F5E1EC



BDB0B1



5E555A



9E0055



1F0010



# Inverse Universe

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



BDB0B7



F5E1EC



B0BDBC



5E555A



9E0055

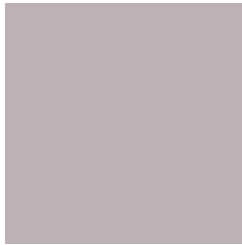


1F0010



# Previews

## White Background



This preview shows how the Hex color BDB0B7 looks on a white background.

## Color Contrast Check

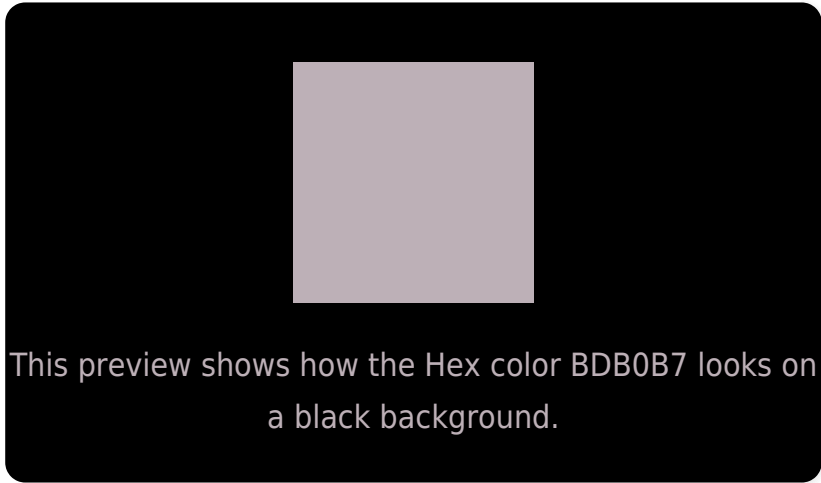
Large Text (above 18pt) WCAG AA × Fail

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

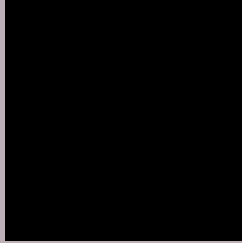
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

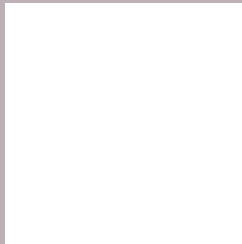
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDB0B7 Background



This preview shows how black text looks on a background with the Hex color BDB0B7.



This preview shows how white text looks on a background with the Hex color BDB0B7.

# 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**  
BDB0B7

**Protanopia**  
B5B2B8

**Deuteranopia**  
C3AEB7



# Trichromacy



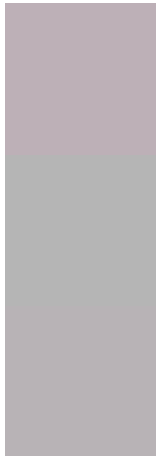
**Original Color**  
BDB0B7

**Protanomaly**  
B8B1B8

**Deuteranomaly**  
C1AFB7

**Tritanomaly**  
BEAFBB

# Monochromacy



**Original Color**  
BDB0B7

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
B8B3B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB0B7 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 #BDB0B7 looks like.

```
.text, #text, p{  
    color:#BDB0B7  
}
```

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 #BDB0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB0B7
}
```

## Border

The CSS property to change the border of an element to Hex BDB0B7 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
#BDB0B7 }
```

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

```
.border{ border-color:#BDB0B7 }
```

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

Here you see how a box with a 4 pixel #BDB0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB0B7; -webkit-box-shadow:4px 4px  
4px 4px #BDB0B7; box-shadow:4px 4px 4px  
4px #BDB0B7 }
```

# Background

The CSS property to change the background color of an element to Hex BDB0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB0B7 }
```

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

```
.background{ background-color:#BDB0B7 }
```

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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