

# Converting Colors

Hex(BDB1B0)

Have a look what the booklet for  
Hex(BDB1B0) contains.

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# **Color**

**Hex(BDB1B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB1B0
RGB	189, 177, 176
RGB Percent	74%, 69%, 69%
CMY	0.2588, 0.3059, 0.3098
CMYK	0.00, 0.06, 0.07, 0.26
HSL	5°, 9%, 72%
HSV	5°, 7%, 74%
XYZ	44.5449, 45.3977, 47.4892
YIQ	180.4740, 7.4730, 2.2330

# Conversions

## Conversions Part 2

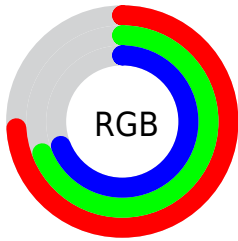
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 177, 176
Decimal	12431792
CIELab	73.15, 4.10, 2.04
CIELCh	73, 4.579, 26.446
Yxy	45.3977, 0.3241, 0.3303
Android (android.graphics.Color)	4290621872 (0xFFBDB1B0)
YUV	180.4740, -2.2057, 7.4773
Hunter-Lab	67.3778, 0.0989, 5.3757

# Details

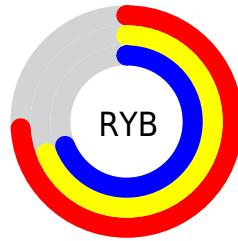
The Hex color **BDB1B0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B0BCBD**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F5E9E8**, and **887C7C** is the 20% darker color. If you saturate the color by 10%, you get **BDA09D**, and if you desaturate by 10%, it is **BDC2C3**.

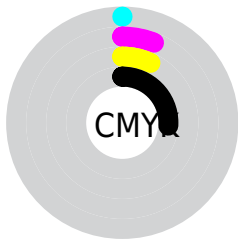
# Distribution



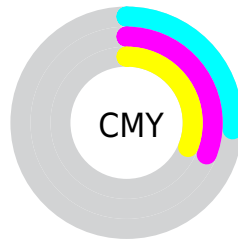
- Red (74%)
- Green (69%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (26%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB1B0 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 BDB1B0 by changing the saturation by 10% instead.



 BDB1B0

 BDB1B0

FFFFFF

 A29695

 F5E9E8

 887C7C

 6E6463

 564C4B

 3F3534

 29201F

 150807

 000000

 BDB1B0

 BDB1B0

 BDA09D

 BDC2C3

 BD8E8A

 BDD4D6

 BD7D77

 BDE5E9

 BD6B64

 BDF7FC

 BD5A52

 BDFFFF

 BD483F

 BD372C

 BD2519

 BD1406

# Harmonies

## Analogous

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



BCB1B4



BDB1B0



BBB2AD

# Triad

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



BDB1B0



AEB6AF



AFB4BC

# Complementary

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



BDB1B0



BOBCBD

# 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.



ABB5BA



BDB1B0



ABB6B3

# Square

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



BDB1B0



B3B4AC



AAB6B7



B4B3BB

# Rectangle

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



BDB1B0



B9B3AC



AAB6B7



ADB5BC

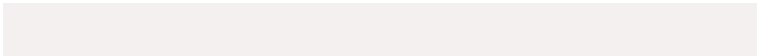


# Sweetspot

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



BDB1B0



F5F0F0



BDB0BC



7A7878



FAFAFA



7A7A7A

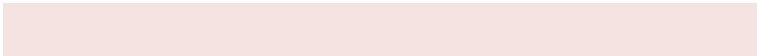


# Same Dimension

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



BDB1B0



F5E3E1



BDB7B0



5E5655



9E0C00



1F0200



# Inverse Universe

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



B0BCBD



E1F3F5



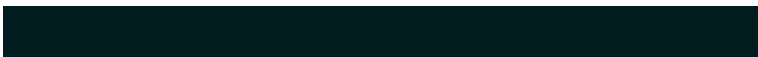
B0B6BD



555E5E



00929E

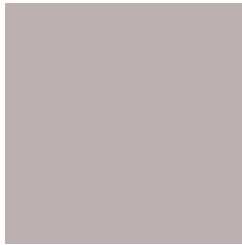


001C1F



# Previews

## White Background



This preview shows how the Hex color BDB1B0 looks on a white background.

## Color Contrast Check

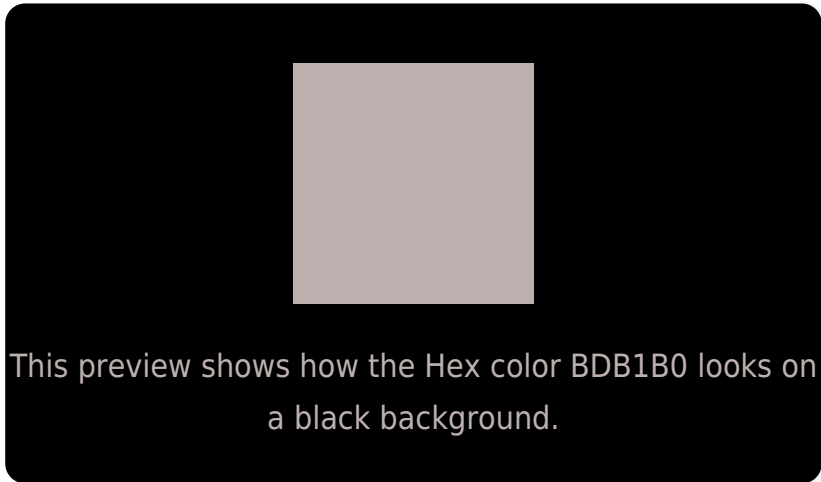
Large Text (above 18pt) WCAG AA × Fail

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

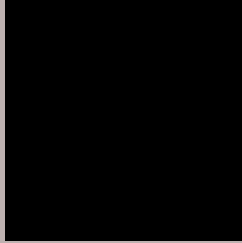
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDB1B0 Background



This preview shows how black text looks on a background with the Hex color BDB1B0.



This preview shows how white text looks on a background with the Hex color BDB1B0.

# 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**  
BDB1B0

**Protanopia**  
B7B3B1

**Deuteranopia**  
C6AEB1



# Trichromacy



**Original Color**  
BDB1B0

**Protanomaly**  
B9B2B1

**Deuteranomaly**  
C3AFB1

**Tritanomaly**  
BEB0B8

# Monochromacy



**Original Color**  
BDB1B0

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B7B3B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB1B0 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 #BDB1B0 looks like.

```
.text, #text, p{  
    color:#BDB1B0  
}
```

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 #BDB1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB1B0
}
```

## Border

The CSS property to change the border of an element to Hex BDB1B0 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
#BDB1B0 }
```

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

```
.border{ border-color:#BDB1B0 }
```

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

Here you see how a box with a 4 pixel #BDB1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB1B0; -webkit-box-shadow:4px 4px  
4px 4px #BDB1B0; box-shadow:4px 4px 4px  
4px #BDB1B0 }
```

# Background

The CSS property to change the background color of an element to Hex BDB1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB1B0 }
```

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

```
.background{ background-color:#BDB1B0 }
```

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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