

# Converting Colors

Hex(BDB0A0)

Have a look what the booklet for  
Hex(BDB0A0) contains.

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# **Color**

**Hex(BDB0A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB0A0
RGB	189, 176, 160
RGB Percent	74%, 69%, 63%
CMY	0.2588, 0.3098, 0.3725
CMYK	0.00, 0.07, 0.15, 0.26
HSL	33°, 18%, 68%
HSV	33°, 15%, 74%
XYZ	42.8568, 44.4076, 39.5704
YIQ	178.0630, 12.8840, -2.2200

# Conversions

## Conversions Part 2

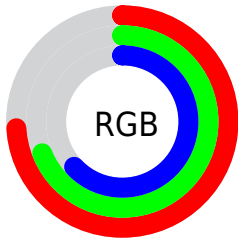
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 189, 160
Decimal	12431520
CIELab	72.50, 1.94, 9.86
CIELCh	73, 10.051, 78.846
Yxy	44.4076, 0.3379, 0.3501
Android (android.graphics.Color)	4290621600 (0xFFBDB0A0)
YUV	178.0630, -8.9051, 9.5917
Hunter-Lab	66.6390, -1.8216, 11.4407

# Details

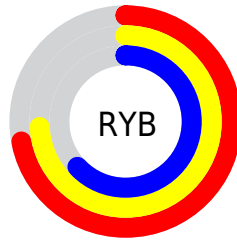
The Hex color **BDB0A0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A0ADB0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F5E8D7**, and **887C6D** is the 20% darker color. If you saturate the color by 10%, you get **BDA88D**, and if you desaturate by 10%, it is **BDB8B3**.

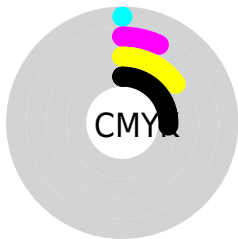
# Distribution



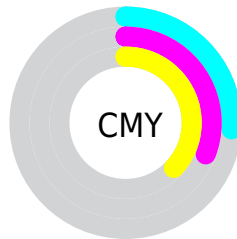
- Red (74%)
- Green (69%)
- Blue (63%)



- Red (72%)
- Yellow (74%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB0A0 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 BDB0A0 by changing the saturation by 10% instead.



 BDB0A0

 BDB0A0

FFFFFF

 A29586

 F5E8D7

 887C6D

 FFFFF3

 6E6354

 554B3D

 3E3427

 281F13

 110700

 000000

 BDB0A0

 BDB0A0

 BDA88D

 BDB8B3

 BD9F7A

 BDC1C6

 BD9767

 BDC9D9

 BD8E54

 BDD2EC

 BD8642

 BDDAFF

 BD7D2F

 BDE3FF

 BD751C

 BDEBFF

 BD6C09

 BDF4FF

 BD6800

 BDFCFF

# Harmonies

## Analogous

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



C4ADA4



BDB0A0



B3B3A0

# Triad

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



BDB0A0



9BB7B7



BBAEBE

# Complementary

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



BDB0A0



A0ADB0

# 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.



AFB1C3



BDB0A0



9DB6BF

# Square

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



BDB0A0



A0B7AE



A4B4C4



C3ACB6

# Rectangle

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



BDB0A0



ACB5A3



A4B4C4



B7AFC0

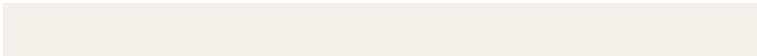


# Sweetspot

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



BDB0A0



F5EFE9



BDA0AD



7A7773



FAFAFA



7A7A7A

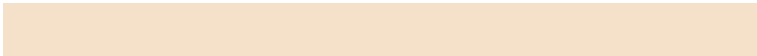


# Same Dimension

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



BDB0A0



F5E1C9



BCBDA0



5E5A55



9E5700



1F1100



# Inverse Universe

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



A0ADBD



C9DCF5



A1A0BD



55595E



00479E



000E1F



# Previews

## White Background



This preview shows how the Hex color BDB0A0 looks on a white background.

## Color Contrast Check

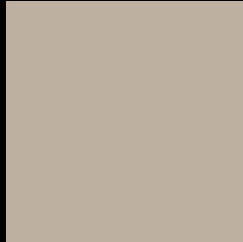
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BDB0A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

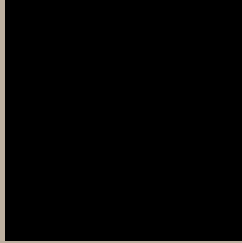
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDB0A0 Background



This preview shows how black text looks on a background with the Hex color BDB0A0.

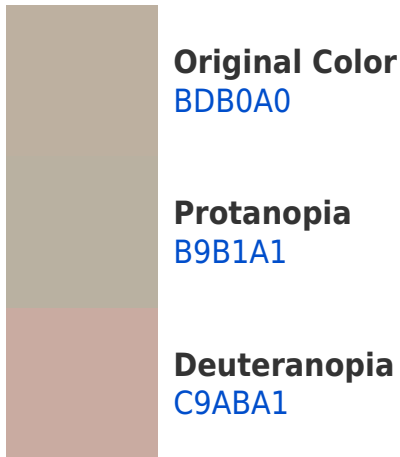


This preview shows how white text looks on a background with the Hex color BDB0A0.

# 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**  
BDB0A0

**Protanomaly**  
BAB1A1

**Deuteranomaly**  
C5ADA1

**Tritanomaly**  
BFADB1

# Monochromacy



**Original Color**  
BDB0A0

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B6B1AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB0A0 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 #BDB0A0 looks like.

```
.text, #text, p{  
    color:#BDB0A0  
}
```

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 #BDB0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB0A0
}
```

## Border

The CSS property to change the border of an element to Hex BDB0A0 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
#BDB0A0 }
```

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

```
.border{ border-color:#BDB0A0 }
```

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

Here you see how a box with a 4 pixel #BDB0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB0A0; -webkit-box-shadow:4px 4px  
4px 4px #BDB0A0; box-shadow:4px 4px 4px  
4px #BDB0A0 }
```

# Background

The CSS property to change the background color of an element to Hex BDB0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB0A0 }
```

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

```
.background{ background-color:#BDB0A0 }
```

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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