

# Converting Colors

Hex(BDBC B0)

Have a look what the booklet for  
Hex(BDBCB0) contains.

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# Color

**Hex(BDBC B0)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BDBC B0
RGB	189, 188, 176
RGB Percent	74%, 74%, 69%
CMY	0.2588, 0.2627, 0.3098
CMYK	0.00, 0.01, 0.07, 0.26
HSL	55°, 9%, 72%
HSV	55°, 7%, 74%
XYZ	46.8060, 49.9198, 48.2429
YIQ	186.9310, 4.4480, -3.5200

# Conversions

## Conversions Part 2

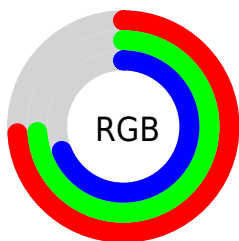
Format	Color
<a href="#">RYB</a>	<a href="#">177, 189, 176</a>
Decimal	<a href="#">12434608</a>
CIELab	<a href="#">76.02, -1.80, 6.18</a>
CIELCh	<a href="#">76, 6.439, 106.188</a>
Yxy	<a href="#">49.9198, 0.3229, 0.3443</a>
Android (android.graphics.Color)	<a href="#">4290624688</a> (0xFFBDBC0)
YUV	<a href="#">186.9310, -5.3890, 1.8145</a>
Hunter-Lab	<a href="#">70.6540, -5.3940, 8.9743</a>

# Details

The Hex color **BDBCBO** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B0B1BD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F5F4E8**, and **88877C** is the 20% darker color. If you saturate the color by 10%, you get **BDBB9D**, and if you desaturate by 10%, it is **BDBDC3**.

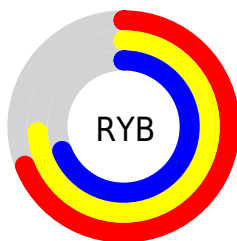
# Distribution



Red (74%)

Green (74%)

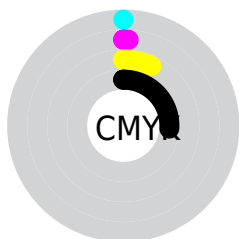
Blue (69%)



Red (69%)

Yellow (74%)

Blue (69%)

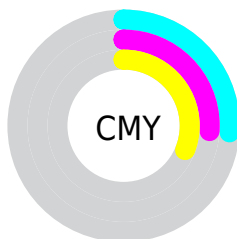


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDBCB0 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 BDBCB0 by changing the saturation by 10% instead.



 BDBCBO

FFFFFF

 F5F4E8

 BDBCBO

 A2A195


 88877C

 6E6E63

 56554B

 3F3E34

 29281F

 151407

 000000

 BDBCBO

 BDBCBO

 BDBB9D

 BDBDC3

 BDB98A

 BDBFD6

 BDB877

 BDC0E9

 BDB664

 BDC2FC

 BDB552

 BDC3FF

 BDB33F

 BDC5FF

 BDB22C

 BDC6FF

 BDB019

 BDC8FF

 BDAF06

 BDC9FF

# Harmonies

## Analogous

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



C3BAB0



BDBCBO



B6BEB3

# Triad

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



BDBC B0



AE BE C4



C6 B8 BE

# Complementary

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



BDBCBO



B0B1BD

# 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.



C1B9C4



BDBC B0



B3BDC7

# Square

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



BDBC B0



ADB FB E



B9B BC 7



C9B 8B 8

# Rectangle

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



BDBC0



B2FB6



B9BBC7



C5B8C0



# Sweetspot

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



BDBC00



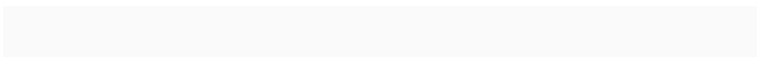
F5F4F0



BDB0B1



7A7A78



FAFAFA



7A7A7A



# Same Dimension

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



BDBC B0



F5F3 E1



B8BD B0



5E5E 55



9E92 00



1F1C 00



# Inverse Universe

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



B0B1BD



E1E3F5



B5B0BD



55565E



000C9E

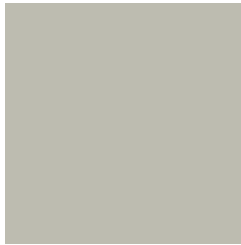


00021F



# Previews

## White Background



This preview shows how the Hex color BDBCB0 looks on a white background.

## Color Contrast Check

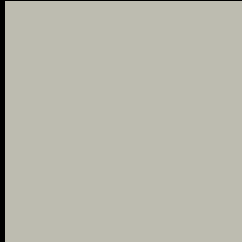
Large Text (above 18pt) WCAG AA × Fail

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 BDBCB0 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

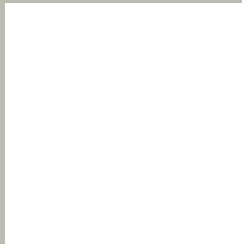
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDBCB0 Background



This preview shows how black text looks on a background with the Hex color BDBCB0.



This preview shows how white text looks on a background with the Hex color BDBCB0.

# 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**

BDBC B0

**Protanopia**

C2BB AF

**Deuteranopia**


D1B5 B1



# Trichromacy

	<b>Original Color</b> BDBCBO
	<b>Protanomaly</b> COBBAF
	<b>Deuteranomaly</b> CAB8B1
	<b>Tritanomaly</b> BFBABF

# Monochromacy

	<b>Original Color</b> BDBCBO
	<b>Achromatopsia</b> BBBBBB
	<b>Achromatomaly</b> BCBBB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDBCB0 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 #BDBCB0 looks like.

```
.text, #text, p{  
    color:#BDBCB0  
}
```

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 #BDBCB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDBCB0
}
```

## Border

The CSS property to change the border of an element to Hex BDBCB0 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
#BDBCB0 }
```

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

```
.border{ border-color:#BDBCB0 }
```

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

Here you see how a box with a 4 pixel #BDBCB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDBCB0; -webkit-box-shadow:4px 4px  
4px 4px #BDBCB0; box-shadow:4px 4px 4px  
4px #BDBCB0 }
```

# Background

The CSS property to change the background color of an element to Hex BDBCB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDBCB0 }
```

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

```
.background{ background-color:#BDBCB0 }
```

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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