

# Converting Colors

Hex(BDB9C8)

Have a look what the booklet for  
Hex(BDB9C8) contains.

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# **Color**

**Hex(BDB9C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDB9C8
RGB	189, 185, 200
RGB Percent	74%, 73%, 78%
CMY	0.2588, 0.2745, 0.2157
CMYK	0.05, 0.08, 0.00, 0.22
HSL	256°, 12%, 75%
HSV	256°, 8%, 78%
XYZ	48.7606, 49.6869, 61.6641
YIQ	187.9060, -2.4310, 5.5130

# Conversions

## Conversions Part 2

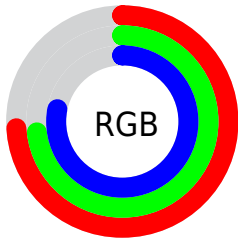
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 185, 200
Decimal	12433864
CIE <sub>Lab</sub>	75.88, 4.24, -7.06
CIE <sub>LCh</sub>	76, 8.240, 301.003
Yxy	49.6869, 0.3045, 0.3103
Android (android.graphics.Color)	4290623944 (0xFFBDB9C8)
<b>YUV</b>	187.9060, 5.9623, 0.9594
Hunter-Lab	70.4889, 0.1214, -2.5250

# Details

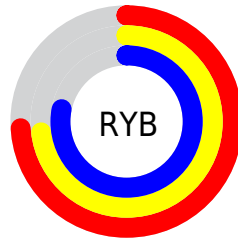
The Hex color **BDB9C8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C4C8B9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F5F1FF**, and **888492** is the 20% darker color. If you saturate the color by 10%, you get **AEA5C8**, and if you desaturate by 10%, it is **CCDC8**.

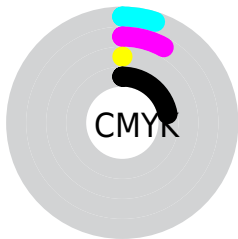
# Distribution



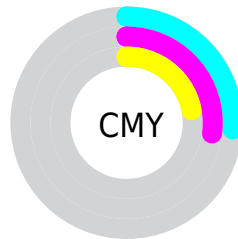
- Red (74%)
- Green (73%)
- Blue (78%)



- Red (74%)
- Yellow (73%)
- Blue (78%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (27%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB9C8 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 BDB9C8 by changing the saturation by 10% instead.



 BDB9C8

 BDB9C8

FFFFFF

 A29EAD

 F5F1FF

 888492

 6E6B78

 565360

 3F3C48

 292631

 15111D

 000000

 BDB9C8

 BDB9C8

■ AEA5C8

■ CCCDC8

■ A091C8

■ DAE1C8

■ 917DC8

■ E9F5C8

■ 8269C8

■ F8FFC8

■ 7455C8

■ FFFFC8

■ 6541C8

■ 562DC8

■ 4819C8

■ 3905C8

# Harmonies

## Analogous

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



B4BCCA



BDB9C8



C5B7C3

# Triad

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



BDB9C8



C8B8AE



AAC0BB

# Complementary

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



BDB9C8



C4C8B9

# 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.



**B0FBF3**



**BDB9C8**



**C1BBAC**

# Square

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



BDB9C8



CCB6B3



B9BDAE



A9BFC3

# Rectangle

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



BDB9C8



C9B6BE



B9BDAE



ACBFB8



# Sweetspot

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



BDB9C8



FBFAFF



B9C4C8



7E7D80



000000



808080



# Same Dimension

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



BDB9C8



EEE8FF



C5B9C8



5C5A63



2C00A3



0A0024



# Inverse Universe

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



C8B9C4



FFE8F9



BDC8B9



635A61



A30078

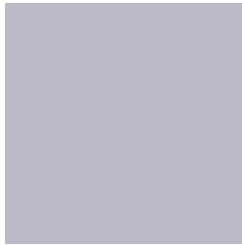


24001A



# Previews

## White Background



This preview shows how the Hex color BDB9C8 looks on a white background.

## Color Contrast Check

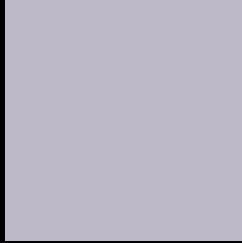
Large Text (above 18pt) WCAG AA × Fail

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 BDB9C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

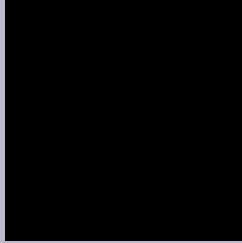
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDB9C8 Background



This preview shows how black text looks on a background with the Hex color BDB9C8.

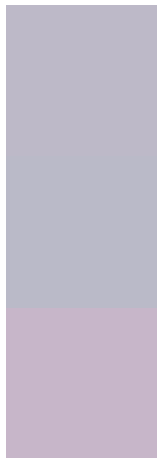


This preview shows how white text looks on a background with the Hex color BDB9C8.

# 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**  
BDB9C8

**Protanopia**  
BABAC8

**Deuteranopia**  
C7B6C9



**Tritanopia**  
BDB9C8

# Trichromacy



**Original Color**  
BDB9C8

**Protanomaly**  
BBBAC8

**Deuteranomaly**  
C3B7C9

**Tritanomaly**  
BDB9C8

# Monochromacy



**Original Color**  
BDB9C8

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BCBBC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB9C8 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 #BDB9C8 looks like.

```
.text, #text, p{  
    color:#BDB9C8  
}
```

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 #BDB9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB9C8  
}
```

## Border

The CSS property to change the border of an element to Hex BDB9C8 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  
#BDB9C8 }
```

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

```
.border{ border-color:#BDB9C8 }
```

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

Here you see how a box with a 4 pixel #BDB9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB9C8; -webkit-box-shadow:4px 4px  
4px 4px #BDB9C8; box-shadow:4px 4px 4px  
4px #BDB9C8 }
```

# Background

The CSS property to change the background color of an element to Hex BDB9C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB9C8 }
```

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

```
.background{ background-color:#BDB9C8 }
```

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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