

# Converting Colors

Hex(BDABBD)

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

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# **Color**

**Hex(BDABBBD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDABBD
RGB	189, 171, 189
RGB Percent	74%, 67%, 74%
CMY	0.2588, 0.3294, 0.2588
CMYK	0.00, 0.10, 0.00, 0.26
HSL	300°, 12%, 71%
HSV	300°, 10%, 74%
XYZ	44.7345, 43.6188, 54.2056
YIQ	178.4340, 4.9500, 9.4140

# Conversions

## Conversions Part 2

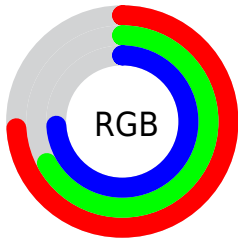
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 171, 189
Decimal	12430269
CIELab	71.97, 9.74, -6.83
CIELCh	72, 11.895, 324.938
Yxy	43.6188, 0.3138, 0.3060
Android (android.graphics.Color)	4290620349 (0xFFBDABBD)
YUV	178.4340, 5.2090, 9.2664
Hunter-Lab	66.0445, 5.3270, -2.4307

# Details

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

A 20% lighter version of the original color is **F5E2F5**, and **887788** is the 20% darker color. If you saturate the color by 10%, you get **BD98BD**, and if you desaturate by 10%, it is **BDBEBD**.

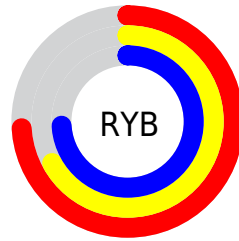
# Distribution



Red (74%)

Green (67%)

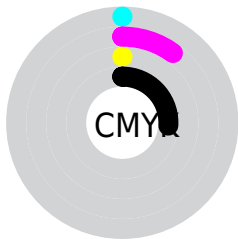
Blue (74%)



Red (74%)

Yellow (67%)

Blue (74%)

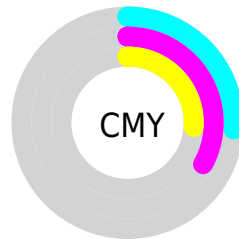


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 BDABBD

 BDABBD

FFFFFF

 A290A2

 F5E2F5

 887788

 6E5E6E

 564656

 3E303F

 281B29

 150015

 000000

 BDABBD

 BDABBD

 BD98BD

 BDBEBD

 BD85BD

 BDD1BD

 BD72BD

 BDE4BD

 BD5FBD

 BDF7BD

 BD4CBD

 BDFFB D

 BD3ABD

 BD27BD

 BD14BD

 BD01BD

# Harmonies

## Analogous

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



B0AEC4



BDABBD



C5A9B3

# Triad

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



BDABBD



BBAF9B



95B7B9

# Complementary

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



BDABBD



ABBDAB

# 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.



99B7AE



BDABBD



AFB39D

# Square

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



BDABBD



C4AC9F



A3B5A4



99B5C2

# Rectangle

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



BDABBD



C8A9AB



A3B5A4



96B7B6



# Sweetspot

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



BDABBD



F5EDF5



ABABBD



7A767A



FAFAFA



7A7A7A



# Same Dimension

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



BDABBD



F5DAF5



BDABB4



5E555E



9E009E



1F001F



# Inverse Universe

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



BDABBD



F5DAF5



ABBDB4



5E555E



9E009E



1F001F



# Previews

## White Background



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

## Color Contrast Check

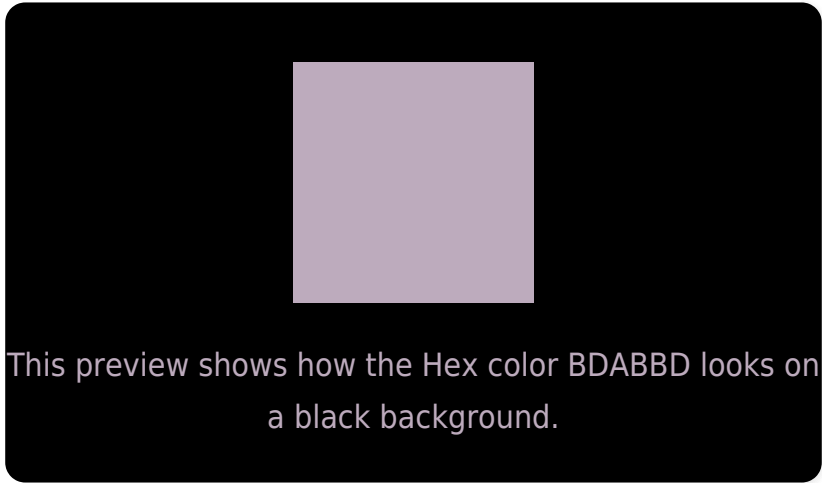
Large Text (above 18pt) WCAG AA × Fail

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

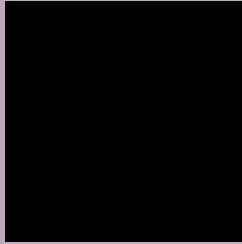
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDABBD Background



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



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

# 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**  
BDABBD

**Protanopia**  
AFAFC0

**Deuteranopia**  
BCABBD



# Trichromacy



**Original Color**  
BDABBD

**Protanomaly**  
B4AEBF

**Deuteranomaly**  
BCABBD

**Tritanomaly**  
BCACBA

# Monochromacy



**Original Color**  
BDABBD

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B6AFB6

# CSS Examples

## Text

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

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

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 #BDABBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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