

Converting Colors

Hex(BDB1B9)

Have a look what the booklet for
Hex(BDB1B9) contains.

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Color

Hex(BDB1B9)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1B9
RGB	189, 177, 185
RGB Percent	74%, 69%, 73%
CMY	0.2588, 0.3059, 0.2745
CMYK	0.00, 0.06, 0.02, 0.26
HSL	320°, 8%, 72%
HSV	320°, 6%, 74%
XYZ	45.4654, 45.7659, 52.3364
YIQ	181.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

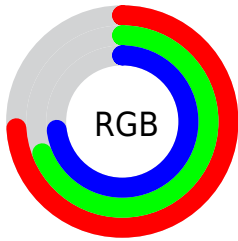
Format	Color
R_{YB}	189, 177, 185
Decimal	12431801
CIE Lab	73.39, 5.72, -2.54
CIE LCh	73, 6.259, 336.052
Yxy	45.7659, 0.3167, 0.3188
Android (android.graphics.Color)	4290621881 (0xFFBDB1B9)
YUV	181.5000, 1.7255, 6.5775
Hunter-Lab	67.6505, 1.5748, 1.4869

Details

The Hex color **BDB1B9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B1BDB5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F5E9F1**, and **887C84** is the 20% darker color. If you saturate the color by 10%, you get **BD9EB3**, and if you desaturate by 10%, it is **BDC4BF**.

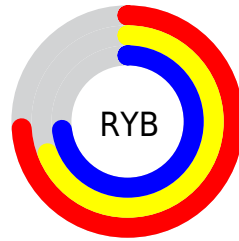
Distribution



Red (74%)

Green (69%)

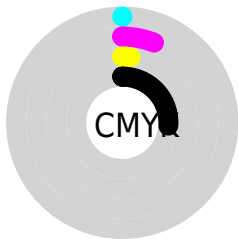
Blue (73%)



Red (74%)

Yellow (69%)

Blue (73%)

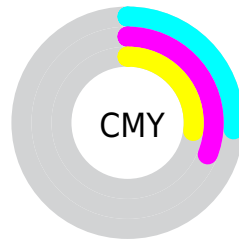


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB1B9 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 BDB1B9 by changing the saturation by 10% instead.

 BDB1B9

 BDB1B9

FFFFFF

 A2969E

 F5E9F1

 887C84

 6E646B

 564C53

 3F353C

 292026

 150811

 000000

 BDB1B9

 BDB1B9

 BD9EB3

 BDC4BF

 BD8BAC

 BDD7C6

 BD78A6

 BDEACC

 BD65A0

 BDFDD2

 BD5299

 BDFFD9

 BD4093

 BDFDFD

 BD2D8D

 BDFFE5

 BD1A87

 BDFFEB

 BD0780

 BDFFF2

Harmonies

Analogous

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



B7B2BD



BDB1B9



C1B0B3

Triad

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



BDB1B9



B8B4A9



A7B7BB

Complementary

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



BDB1B9



B1BDB5

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.



A7B8B5



BDB1B9



B1B6AB

Square

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



BDB1B9



BEB2AA



ABB7AF



AAB6BF

Rectangle

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



BDB1B9



C1B1AF



ABB7AF



A6B8B9

Sweetspot

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



BDB1B9



F5F0F3



B5B1BD



7A787A



FAFAFA



7A7A7A

Same Dimension

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



BDB1B9



F5E1EE



BDB1B3



5E555B



9E0069



1F0014

Inverse Universe

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



BDB1B9



F5E1EE



B1BDBB



5E555B



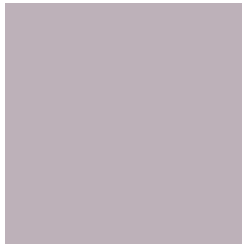
9E0069



1F0014

Previews

White Background



This preview shows how the Hex color BDB1B9 looks on a white background.

Color Contrast Check

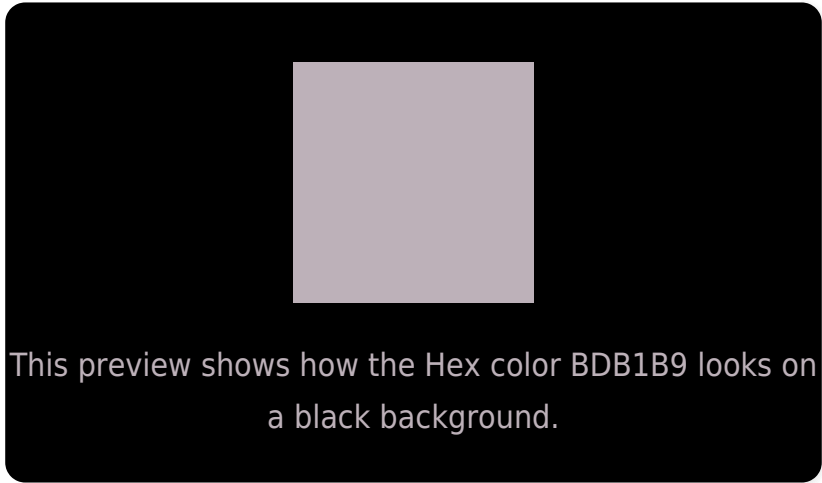
Large Text (above 18pt) WCAG AA × Fail

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

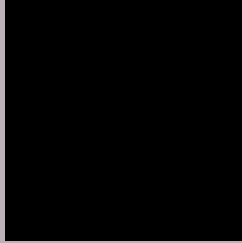
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

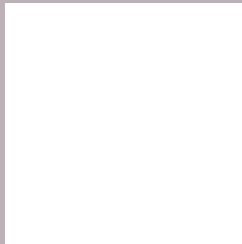
Any Text WCAG AAA ✓ Pass

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

Hex BDB1B9 Background



This preview shows how black text looks on a background with the Hex color BDB1B9.



This preview shows how white text looks on a background with the Hex color BDB1B9.

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
BDB1B9

Protanopia
B6B3BA

Deuteranopia
C3AFB9

Trichromacy



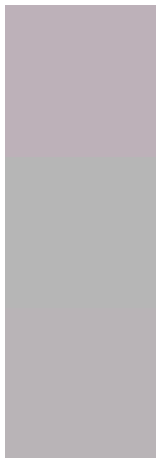
Original Color
BDB1B9

Protanomaly
B9B2BA

Deuteranomaly
C1B0B9

Tritanomaly
BEB0BC

Monochromacy



Original Color
BDB1B9

Achromatopsia
B6B6B6

Achromatomaly
B9B4B7

CSS Examples

Text

The CSS property to change the color of the text to Hex BDB1B9 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 #BDB1B9 looks like.

```
.text, #text, p{  
    color:#BDB1B9  
}
```

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 #BDB1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB1B9
}
```

Border

The CSS property to change the border of an element to Hex BDB1B9 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
#BDB1B9 }
```

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

```
.border{ border-color:#BDB1B9 }
```

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

Here you see how a box with a 4 pixel #BDB1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB1B9; -webkit-box-shadow:4px 4px  
4px 4px #BDB1B9; box-shadow:4px 4px 4px  
4px #BDB1B9 }
```

Background

The CSS property to change the background color of an element to Hex BDB1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB1B9 }
```

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

```
.background{ background-color:#BDB1B9 }
```

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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