

Converting Colors

Hex(BDB199)

Have a look what the booklet for
Hex(BDB199) contains.

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Color

Hex(BDB199)

Conversions

Conversions Part 1

Format	Color
Hex	BDB199
RGB	189, 177, 153
RGB Percent	74%, 69%, 60%
CMY	0.2588, 0.3059, 0.4000
CMYK	0.00, 0.06, 0.19, 0.26
HSL	40°, 21%, 67%
HSV	40°, 19%, 74%
XYZ	42.4582, 44.5630, 36.5007
YIQ	177.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

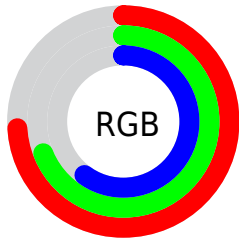
Format	Color
RYB	171, 189, 153
Decimal	12431769
CIELab	72.60, 0.31, 13.83
CIELCh	73, 13.833, 88.726
Yxy	44.5630, 0.3437, 0.3608
Android (android.graphics.Color)	4290621849 (0xFFBDB199)
YUV	177.8520, -12.2520, 9.7768
Hunter-Lab	66.7555, -3.2917, 14.3102

Details

The Hex color **BDB199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **99A5BD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F5E9CF**, and **877D66** is the 20% darker color. If you saturate the color by 10%, you get **BDAB86**, and if you desaturate by 10%, it is **BDB7AC**.

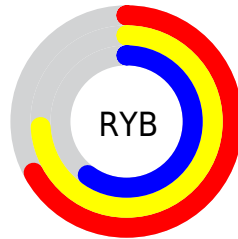
Distribution



Red (74%)

Green (69%)

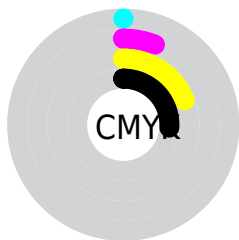
Blue (60%)



Red (67%)

Yellow (74%)

Blue (60%)

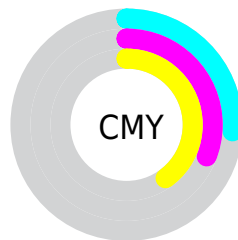


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB199 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 BDB199 by changing the saturation by 10% instead.

 BDB199

 BDB199

FFFFFF

 A2967F

 F5E9CF

 877D66

 FFFFE0

 6E644E

 554C37

 3E3521

 27200C

 0F0900

 000000

 BDB199

 BDB199

 BDAB86

 BDB7AC

 BDA473

 BDBEBF

 BD9E60

 BDC4D2

 BD984D

 BDCAE5

 BD923B

 BDD1F8

 BD8B28

 BDD7FF

 BD8515

 BDDDFE

 BD7F02

 BDE3FF

 BD7E00

 BDEAFF

Harmonies

Analogous

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



C8AD9D



BDB199



AFB59C

Triad

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



BDB199



92B9BE



C2ABBF

Complementary

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



BDB199



99A5BD

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.



B4AFC8



BDB199



97B7C7

Square

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



BDB199



96BAB1



A4B3CB



CBAAB3

Rectangle

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



BDB199



A5B7A1



A4B3CB



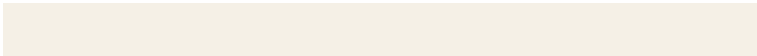
BEACC3

Sweetspot

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



BDB199



F5F0E6



BD99A5



7A7872



FAFAFA



7A7A7A

Same Dimension

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



BDB199



F5E2BC



B8BD99



5E5B55



9E6900



1F1400

Inverse Universe

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



99A5BD



BCCFF5



9F99BD



55585E



00359E



000A1F

Previews

White Background



This preview shows how the Hex color BDB199 looks on a white background.

Color Contrast Check

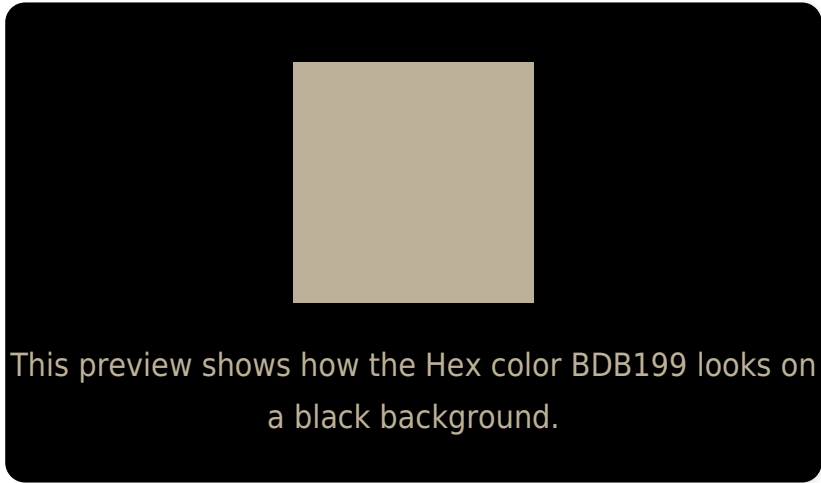
Large Text (above 18pt) WCAG AA × Fail

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

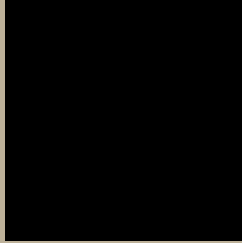
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

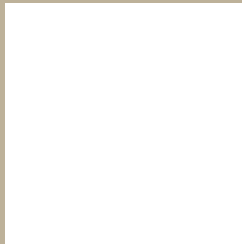
Any Text WCAG AAA ✓ Pass

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

Hex BDB199 Background



This preview shows how black text looks on a background with the Hex color BDB199.



This preview shows how white text looks on a background with the Hex color BDB199.

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
BDB199

Protanomaly
BCB299

Deuteranomaly
C7AD9A

Tritanomaly
C0AEAE

Monochromacy



Original Color
BDB199

Achromatopsia
B2B2B2

Achromatomaly
B6B2A9

CSS Examples

Text

The CSS property to change the color of the text to Hex BDB199 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 #BDB199 looks like.

```
.text, #text, p{  
    color:#BDB199  
}
```

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 #BDB199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB199
}
```

Border

The CSS property to change the border of an element to Hex BDB199 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
#BDB199 }
```

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

```
.border{ border-color:#BDB199 }
```

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

Here you see how a box with a 4 pixel #BDB199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB199; -webkit-box-shadow:4px 4px  
4px 4px #BDB199; box-shadow:4px 4px 4px  
4px #BDB199 }
```

Background

The CSS property to change the background color of an element to Hex BDB199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB199 }
```

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

```
.background{ background-color:#BDB199 }
```

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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