

Converting Colors

Hex(BDBDB7)

Have a look what the booklet for
Hex(BDBDB7) contains.

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Color

Hex(BDBDB7)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDB7
RGB	189, 189, 183
RGB Percent	74%, 74%, 72%
CMY	0.2588, 0.2588, 0.2824
CMYK	0.00, 0.00, 0.03, 0.26
HSL	60°, 4%, 73%
HSV	60°, 3%, 74%
XYZ	47.7311, 50.6329, 52.0572
YIQ	188.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

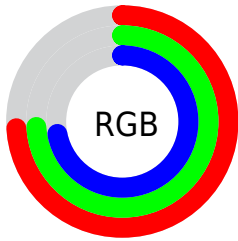
Format	Color
RYB	183, 189, 183
Decimal	12434871
CIELab	76.46, -1.09, 3.02
CIELCh	76, 3.210, 109.858
Yxy	50.6329, 0.3173, 0.3366
Android (android.graphics.Color)	4290624951 (0xFFBDBDB7)
YUV	188.3160, -2.6208, 0.5999
Hunter-Lab	71.1568, -4.7888, 6.4341

Details

The Hex color **BDBDB7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B7BD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F5F5EF**, and **888882** is the 20% darker color. If you saturate the color by 10%, you get **BDBDA4**, and if you desaturate by 10%, it is **BDBDCA**.

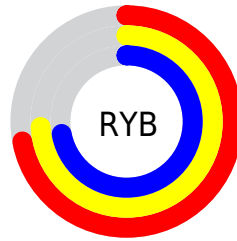
Distribution



Red (74%)

Green (74%)

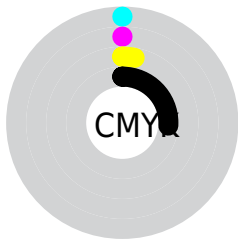
Blue (72%)



Red (72%)

Yellow (74%)

Blue (72%)

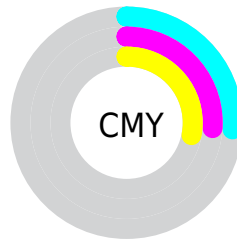


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDBDB7 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 BDBDB7 by changing the saturation by 10% instead.

 BDBDB7

 BDBDB7

FFFFFF

 A2A29C

 F5F5EF

 888882

 6E6E69

 565651

 3F3F3A

 292924

 15150F

 000000

 BDBDB7

 BDBDB7

 BDBDA4

 BDBDCA

 BDBD91

 BDBDDD

 BDBD7E

 BDBDF0

 BDBD6B

 BDBDFF

 BDBD59

 BDBD46

 BDBD33

 BDBD20

 BDBD0D

Harmonies

Analogous

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



C0BCB7



BDBDB7



BABEB9

Triad

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



BDBDB7



B6BEC1



C2BBBE

Complementary

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



BDBDB7



B7B7BD

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.



C0BBC0



BDBDB7



B9BDC2

Square

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



BDBDB7



B6BEBE



BCBCC2



C3BBBB

Rectangle

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



BDBDB7



B8BEBA



BCBCC2



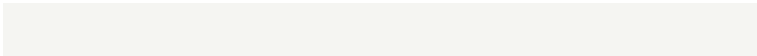
C1BBBF

Sweetspot

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



BDBDB7



F5F5F2



BDB7B7



7A7A79



FAFAFA



7A7A7A

Same Dimension

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



BDBDB7



F5F5EB



BABDB7



5E5E5A



9E9E00



1F1F00

Inverse Universe

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



B7B7BD



EBEBF5



BAB7BD



5A5A5E



00009E



00001F

Previews

White Background



This preview shows how the Hex color BDBDB7 looks on a white background.

Color Contrast Check

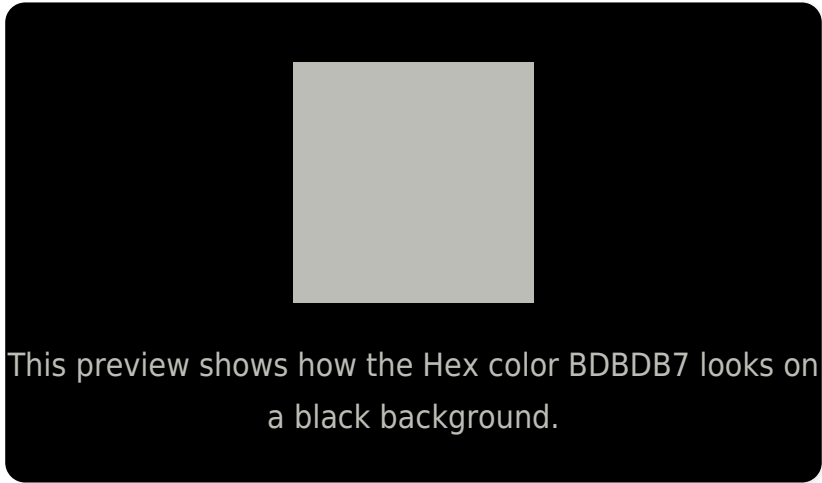
Large Text (above 18pt) WCAG AA × Fail

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

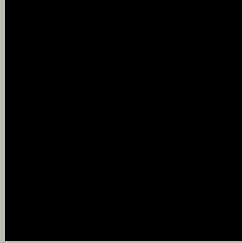
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

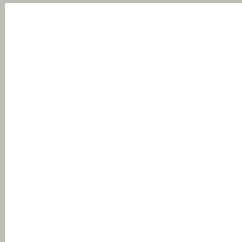
Any Text WCAG AAA ✓ Pass

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

Hex BDBDB7 Background



This preview shows how black text looks on a background with the Hex color BDBDB7.



This preview shows how white text looks on a background with the Hex color BDBDB7.

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



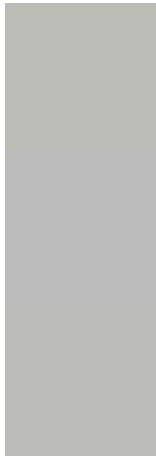
Original Color
BDBDB7

Protanomaly
C0BCB6

Deuteranomaly
C9B9B8

Tritanomaly
BFBBC2

Monochromacy



Original Color
BDBDB7

Achromatopsia
BCBCBC

Achromatomaly
BCBCBA

CSS Examples

Text

The CSS property to change the color of the text to Hex BDBDB7 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 #BDBDB7 looks like.

```
.text, #text, p{  
    color:#BDBDB7  
}
```

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 #BDBDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDBDB7
}
```

Border

The CSS property to change the border of an element to Hex BDBDB7 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
#BDBDB7 }
```

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

```
.border{ border-color:#BDBDB7 }
```

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

Here you see how a box with a 4 pixel #BDBDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDBDB7; -webkit-box-shadow:4px 4px  
4px 4px #BDBDB7; box-shadow:4px 4px 4px  
4px #BDBDB7 }
```

Background

The CSS property to change the background color of an element to Hex BDBDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDBDB7 }
```

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

```
.background{ background-color:#BDBDB7 }
```

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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