

Converting Colors

Hex(BDBFBF)

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

Hex(BDBFBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(BDBFBF)

Conversions

Conversions Part 1

Format	Color
Hex	BDBFBF
RGB	189, 191, 191
RGB Percent	74%, 75%, 75%
CMY	0.2588, 0.2510, 0.2510
CMYK	0.01, 0.00, 0.00, 0.25
HSL	180°, 2%, 75%
HSV	180°, 1%, 75%
XYZ	49.0210, 51.8420, 56.7130
YIQ	190.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

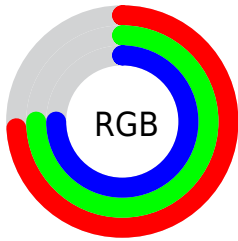
Format	Color
RYB	189, 190, 191
Decimal	12435391
CIELab	77.19, -0.69, -0.25
CIELCh	77, 0.734, 200.074
Yxy	51.8420, 0.3111, 0.3290
Android (android.graphics.Color)	4290625471 (0xFFBDBFBF)
YUV	190.4020, 0.2948, -1.2296
Hunter-Lab	72.0014, -4.4735, 3.7003

Details

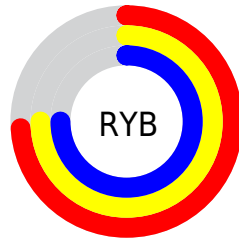
The Hex color **BDBFBF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BFDBD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F5F7F7**, and **888A8A** is the 20% darker color. If you saturate the color by 10%, you get **AABFBF**, and if you desaturate by 10%, it is **D0BFBF**.

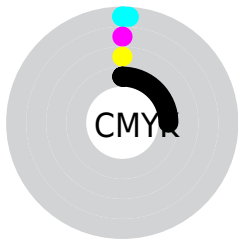
Distribution



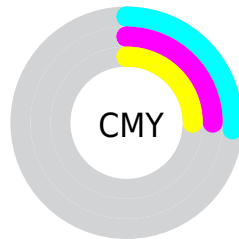
- Red (74%)
- Green (75%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 BDBFBF

 BDBFBF

FFFFFF

 A2A4A4

 F5F7F7


 888A8A

 6E7070

 565858

 3F4141

 292B2B

 151616

 000000

 BDBFBF

 BDBFBF

 AABFBF

 D0BFBF

 97BFBF

 E3BFBF

 84BFBF

 F6BFBF

 71BFBF

 FFBFBF

 5EBFBF

 4ABFBF

 37BFBF

 24BFBF

 11BFBF

Harmonies

Analogous

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



BDBFBE



BDBFBF



BDBFC0

Triad

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



BDBFBF



BFBEBF



BFBEBD

Complementary

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



BDBFBF



BFDBD

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.



COBEBE



BDBFBF



COBEBF

Square

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



BDBFBF



BEBECO



COBEBE



BFBFBD

Rectangle

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



BDBFBF



BDBFC0



C0BEBE



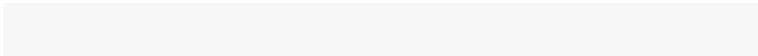
C0BEBD

Sweetspot

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



BDBFBF



F7F7F7



BDBFBD



7D7D7D



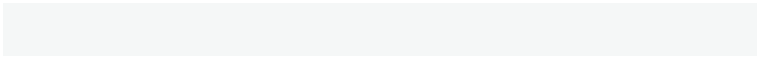
FCFCFC

Same Dimension

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



BDBFBF



F5F7F7



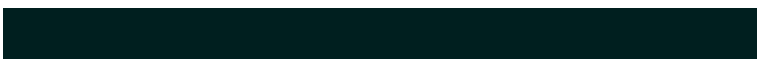
BDBEBF



5D5E5E



009E9E



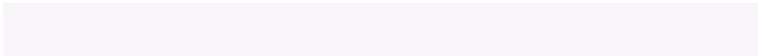
001F1F

Inverse Universe

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



BFBDBF



F7F5F7



BFBEBD



5E5D5E



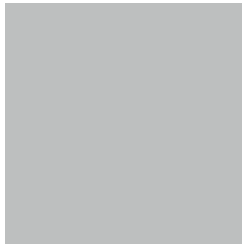
9E009E



1F001F

Previews

White Background



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

Color Contrast Check

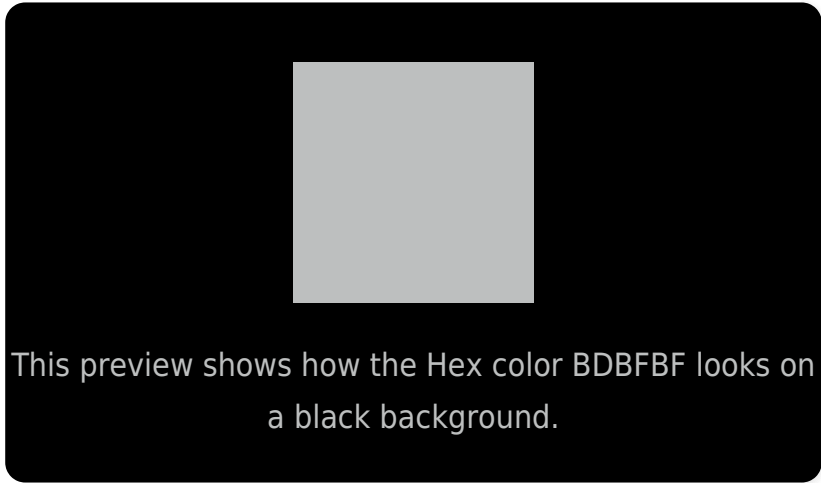
Large Text (above 18pt) WCAG AA × Fail

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

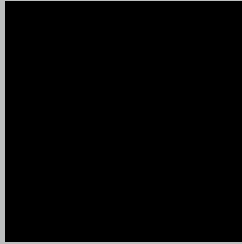
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

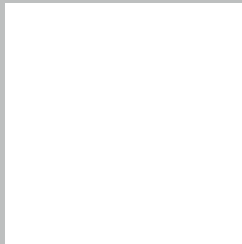
Any Text WCAG AAA ✓ Pass

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

Hex BDBFBF Background



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



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

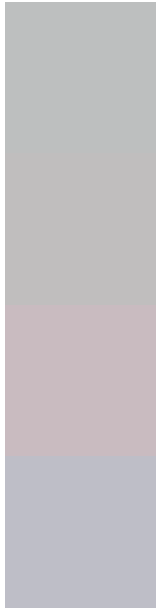
Color Blindness Simulation

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



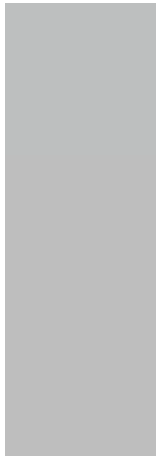
Original Color
BDBFBF

Protanomaly
C0BEBE

Deuteranomaly
C9BBC0

Tritanomaly
BEBEC7

Monochromacy



Original Color
BDBFBF

Achromatopsia
BEBEBE

Achromatomaly
BEBEBE

CSS Examples

Text

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

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

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 #BDBFBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor