

# Converting Colors

Hex(B0BFAE)

Have a look what the booklet for  
Hex(B0BFAE) contains.

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# **Color**

**Hex(B0BFAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BFAE
RGB	176, 191, 174
RGB Percent	69%, 75%, 68%
CMY	0.3098, 0.2510, 0.3176
CMYK	0.08, 0.00, 0.09, 0.25
HSL	113°, 12%, 72%
HSV	113°, 9%, 75%
XYZ	44.1753, 49.5477, 47.2798
YIQ	184.5770, -3.4830, -8.4670

# Conversions

## Conversions Part 2

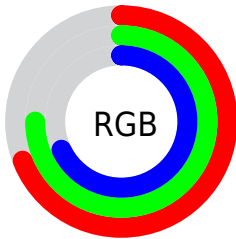
Format	Color
<a href="#">RYB</a>	<a href="#">174, 191, 189</a>
Decimal	<a href="#">11583406</a>
CIELab	<a href="#">75.79, -8.35, 6.81</a>
CIELCh	<a href="#">76, 10.773, 140.791</a>
Yxy	<a href="#">49.5477, 0.3133, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4289773486</a> ( <a href="#">0xFFB0BFAE</a> )
YUV	<a href="#">184.5770, -5.2145, -7.5220</a>
Hunter-Lab	<a href="#">70.3901, -11.1601, 9.4491</a>

# Details

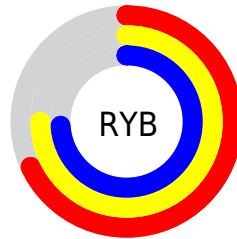
The Hex color **B0BFAE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDAEBF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E8F7E5**, and **7B8A7A** is the 20% darker color. If you saturate the color by 10%, you get **9FBF9B**, and if you desaturate by 10%, it is **C1BFC1**.

# Distribution



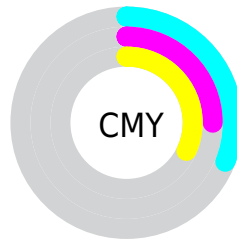
- Red (69%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BFAE 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 B0BFAE by changing the saturation by 10% instead.



 B0BFAE

 B0BFAE

FFFFFF

 95A493

 E8F7E5

 7B8A7A

 637061

 4B5849

 344033

 1F2A1D

 071604

 000000

 B0BFAE

 B0BFAE

 9FBF9B

 C1BFC1

 8EBF88

 D2BFD4

 7DBF75

 E3BFE7

 6DBF62

 F3BFFA

 5CBF4F

 FFBFFF

 4BBF3B

 3ABF28

 29BF15

 18BF02

# Harmonies

## Analogous

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



BBBCA8



B0BFAE



A7C1B7

# Triad

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



B0BFAE



ADBDC E



D0B4B4

# Complementary

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



**B0BFAE**



**BDAEBF**

# 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.



CDB4BE



B0BFAE



B9B9CD

# Square

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



B0BFAE



A4BFCA



C5B6C7



CEB6AC

# Rectangle

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



B0BFAE



A3C1BE



C5B6C7



D0B4B7



# Sweetspot

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



BOBFAE



F1F7F0



BFBD AE



797D78



FCFCFC



7D7D7D

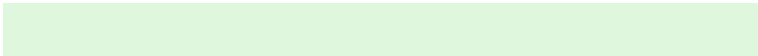


# Same Dimension

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



B0BFAE



DFF7DC



AEBFB4



565E55



139E00



041F00



# Inverse Universe

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



BDAEBF



F4DCF7



BFAEB9



5D555E



8C009E



1B001F



# Previews

## White Background



This preview shows how the Hex color B0BFAE looks on a white background.

## Color Contrast Check

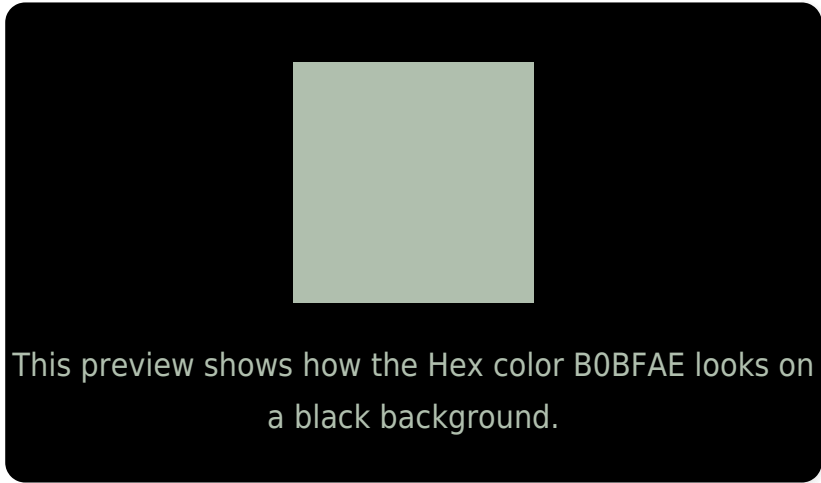
Large Text (above 18pt) WCAG AA × Fail

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

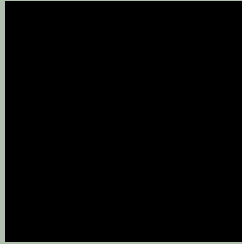
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

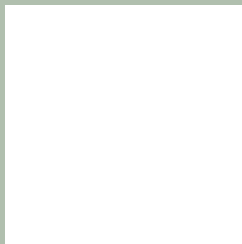
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BFAE Background



This preview shows how black text looks on a background with the Hex color B0BFAE.

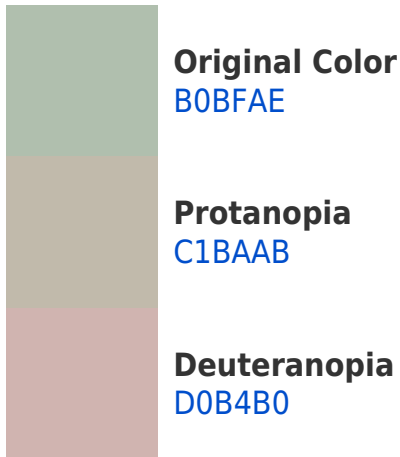


This preview shows how white text looks on a background with the Hex color B0BFAE.

# 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](#).

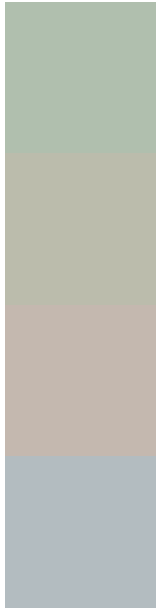
## Dichromacy





**Tritanopia**  
B4BBCA

# Trichromacy



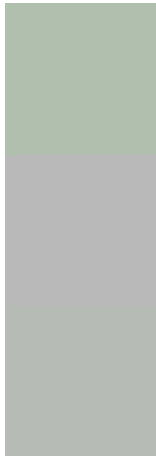
**Original Color**  
B0BFAE

**Protanomaly**  
BBBCAC

**Deuteranomaly**  
C4B8AF

**Tritanomaly**  
B3BCC0

# Monochromacy



**Original Color**  
B0BFAE

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B6BBB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BFAE 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 #B0BFAE looks like.

```
.text, #text, p{  
    color:#B0BFAE  
}
```

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 #B0BFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BFAE
}
```

## Border

The CSS property to change the border of an element to Hex B0BFAE 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
#B0BFAE }
```

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

```
.border{ border-color:#B0BFAE }
```

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

Here you see how a box with a 4 pixel #B0BFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BFAE; -webkit-box-shadow:4px 4px  
4px 4px #B0BFAE; box-shadow:4px 4px 4px  
4px #B0BFAE }
```

# Background

The CSS property to change the background color of an element to Hex B0BFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BFAE }
```

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

```
.background{ background-color:#B0BFAE }
```

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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