

# Converting Colors

Hex(B0BFA6)

Have a look what the booklet for  
Hex(B0BFA6) contains.

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# **Color**

**Hex(B0BFA6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B0BFA6                      |
| RGB         | 176, 191, 166               |
| RGB Percent | 69%, 75%, 65%               |
| CMY         | 0.3098, 0.2510, 0.3490      |
| CMYK        | 0.08, 0.00, 0.13, 0.25      |
| HSL         | 96°, 16%, 70%               |
| HSV         | 96°, 13%, 75%               |
| XYZ         | 43.4182, 49.2449, 43.2932   |
| YIQ         | 183.6650, -0.9150, -10.9550 |

# Conversions

## Conversions Part 2

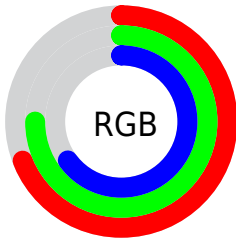
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 166, 191, 181                 |
| Decimal                             | 11583398                      |
| CIELab                              | 75.60, -9.77, 10.87           |
| CIELCh                              | 76, 14.612, 131.936           |
| Yxy                                 | 49.2449, 0.3194,<br>0.3622    |
| Android<br>(android.graphics.Color) | 4289773478<br>(0xFFB0BFA6)    |
| YUV                                 | 183.6650, -8.7088,<br>-6.7222 |
| Hunter-Lab                          | 70.1747, -12.3649,<br>12.5442 |

# Details

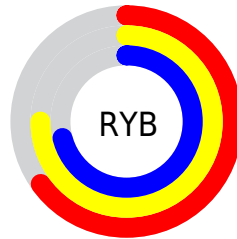
The Hex color **B0BFA6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B5A6BF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E8F7DD**, and **7B8A72** is the 20% darker color. If you saturate the color by 10%, you get **A5BF93**, and if you desaturate by 10%, it is **BBBFB9**.

# Distribution



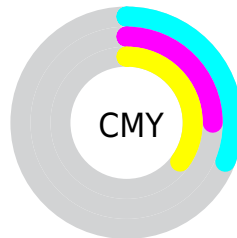
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BFA6 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 B0BFA6 by changing the saturation by 10% instead.





B0BFA6



B0BFA6

FFFFFF



95A48C



E8F7DD



7B8A72



FFFFA



62705A



4A5842



34402C



1E2A17



061600



000000



B0BFA6



B0BFA6

 A5BF93

 BBBFB9

 99BF80

 C7BFCC

 8EBF6D

 D2BFDF

 82BF5A

 DEBFF2

 77BF47

 E9BFFF

 6BBF33

 F5BFFF

 60BF20

 FFBFFF

 54BF0D

 4CBF00

# Harmonies

## Analogous

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



COBBA0



B0BFA6



A2C2B1

# Triad

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



B0BFA6



A3BED3



D7B1B5

# Complementary

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



**B0BFA6**



**B5A6BF**

# 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.



D1B2C3



B0BFA6



B3BAD4

# Square

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



B0BFA6



99C1CC



C3B5CE



D5B3A9

# Rectangle

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



B0BFA6



9BC2BB



C3B5CE



D6B1BA



# Sweetspot

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



B0BFA6



F1F7ED



BFB5A6



797D77



FCFCFC



7D7D7D

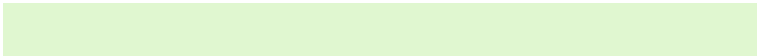


# Same Dimension

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



B0BFA6



E0F7D0



A6BFA9



595E55



3F9E00



0C1F00



# Inverse Universe

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



B5A6BF



E8D0F7



BFA6BD



5B555E



5F009E

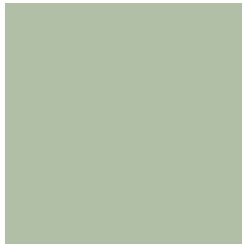


12001F



# Previews

## White Background



This preview shows how the Hex color B0BFA6 looks on a white background.

## Color Contrast Check

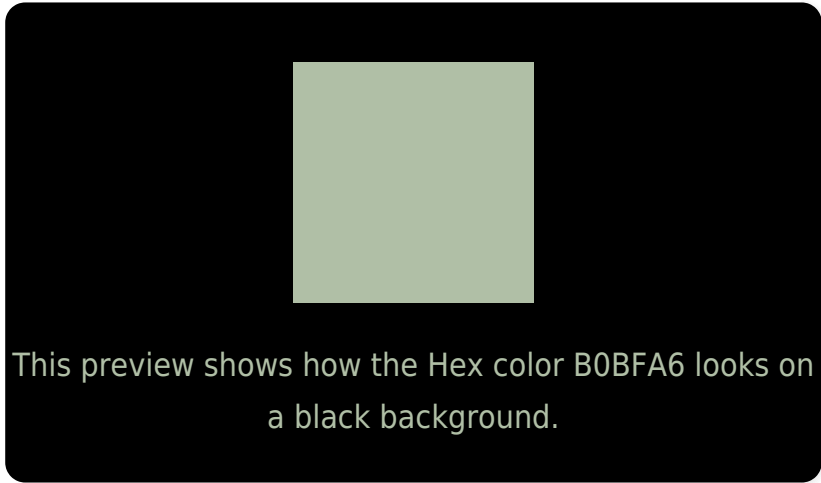
Large Text (above 18pt) WCAG AA × Fail

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

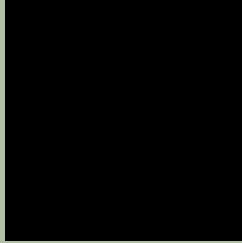
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

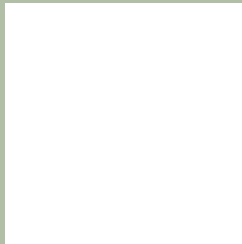
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BFA6 Background



This preview shows how black text looks on a background with the Hex color B0BFA6.

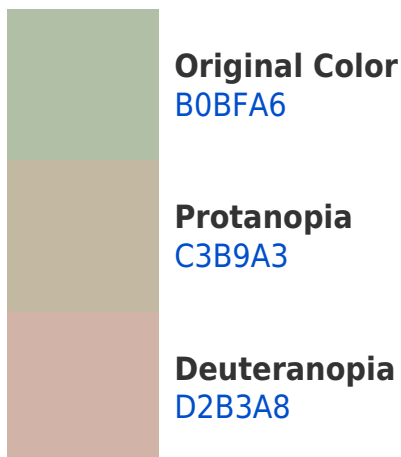


This preview shows how white text looks on a background with the Hex color B0BFA6.

# Color Blindness Simulation

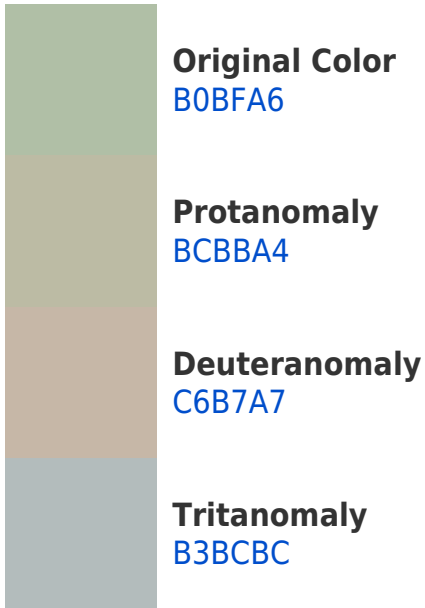
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

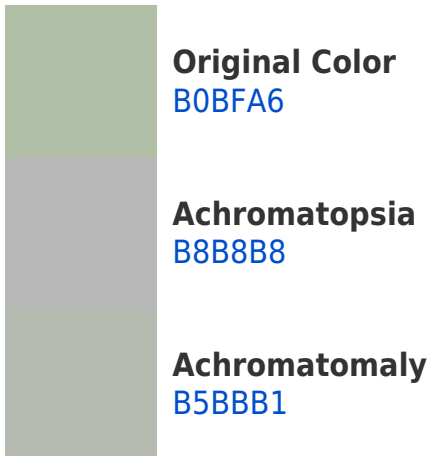




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BFA6 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 #B0BFA6 looks like.

```
.text, #text, p{  
    color:#B0BFA6  
}
```

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 #B0BFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BFA6
}
```

## Border

The CSS property to change the border of an element to Hex B0BFA6 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
#B0BFA6 }
```

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

```
.border{ border-color:#B0BFA6 }
```

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

Here you see how a box with a 4 pixel #B0BFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BFA6; -webkit-box-shadow:4px 4px  
4px 4px #B0BFA6; box-shadow:4px 4px 4px  
4px #B0BFA6 }
```

# Background

The CSS property to change the background color of an element to Hex B0BFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BFA6 }
```

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

```
.background{ background-color:#B0BFA6 }
```

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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