

# Converting Colors

Hex(B0BA9B)

Have a look what the booklet for  
Hex(B0BA9B) contains.

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# **Color**

**Hex(B0BA9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BA9B
RGB	176, 186, 155
RGB Percent	69%, 73%, 61%
CMY	0.3098, 0.2706, 0.3922
CMYK	0.05, 0.00, 0.17, 0.27
HSL	79°, 18%, 67%
HSV	79°, 17%, 73%
XYZ	41.3798, 46.7145, 37.8462
YIQ	179.4760, 3.9910, -11.7610

# Conversions

## Conversions Part 2

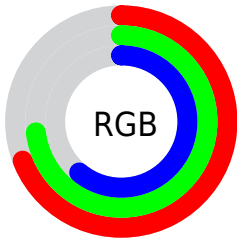
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 186, 165</a>
Decimal	<a href="#">11582107</a>
CIELab	<a href="#">74.01, -9.01, 14.56</a>
CIELCh	<a href="#">74, 17.123, 121.734</a>
Yxy	<a href="#">46.7145, 0.3286, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4289772187 (0xFFB0BA9B)</a>
YUV	<a href="#">179.4760, -12.0667, -3.0485</a>
Hunter-Lab	<a href="#">68.3480, -11.5401, 15.0131</a>

# Details

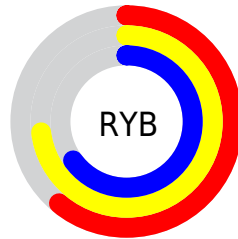
The Hex color **B0BA9B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A59BBA**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E8F2D1**, and **7B8568** is the 20% darker color. If you saturate the color by 10%, you get **AABA88**, and if you desaturate by 10%, it is **B6BAAE**.

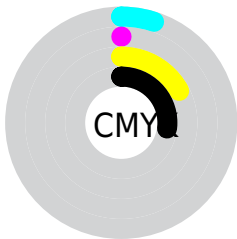
# Distribution



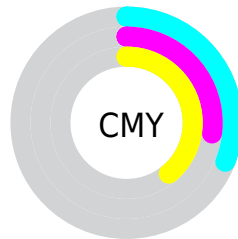
- Red (69%)
- Green (73%)
- Blue (61%)



- Red (61%)
- Yellow (73%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BA9B 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 B0BA9B by changing the saturation by 10% instead.



 B0BA9B

 B0BA9B

FFFFFF

 959F81

 E8F2D1

 7B8568

 FFFFEE

 626C50

 4A5339

 333C23

 1E270E

 001300

 000000

 B0BA9B

 B0BA9B

 AABA88

 B6BAAE

 A4BA76

 BCBAC0

 9EBA63

 C2BAD3

 98BA51

 C8BAE5

 92BA3E

 CEBAF8

 8CBA2B

 D4BAFF

 86BA19

 DABAFF

 80BA06

 E0BAFF

 7EBA00

 E6BAFF

# Harmonies

## Analogous

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



C2B597



B0BA9B



9EBEA7

# Triad

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



B0BA9B



94BCD1



D5ABB6

# Complementary

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



B0BA9B



A59BBA

# 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.



CBADC5



B0BA9B



A6B7D5

# Square

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



B0BA9B



8DBEC6



BAB2D1



D7ACA6

# Rectangle

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



B0BA9B



95BFB1



BAB2D1



D3ABBB



# Sweetspot

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



**B0BA9B**



**EEF2E6**



**BAA59B**



**787A73**



**FAFAFA**



**7A7A7A**



# Same Dimension

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



B0BA9B



E3F2C2



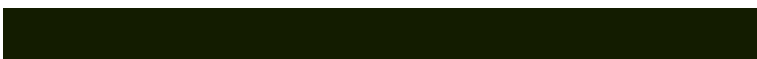
A1BA9B



595C53



699C00



131C00



# Inverse Universe

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



A59BBA



D1C2F2



B49BBA



56535C



32009C



09001C



# Previews

## White Background



This preview shows how the Hex color B0BA9B looks on a white background.

## Color Contrast Check

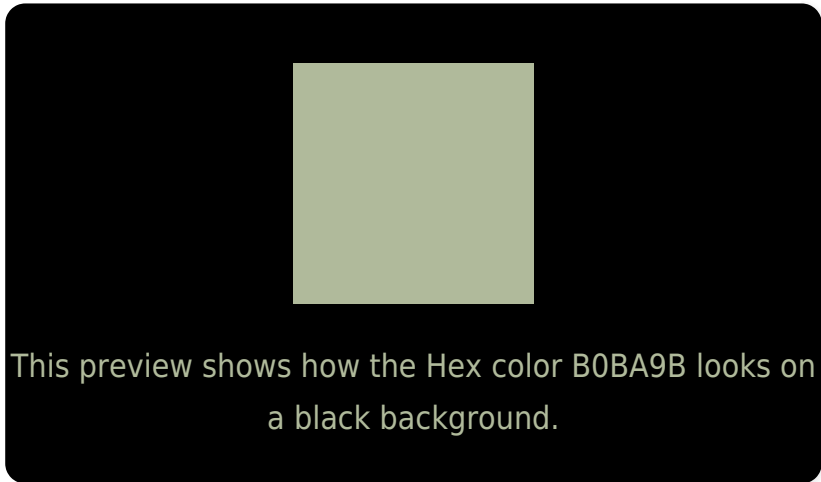
Large Text (above 18pt) WCAG AA × Fail

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

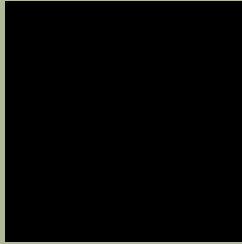
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

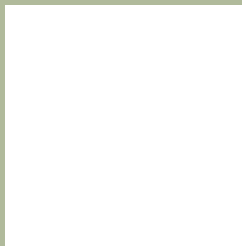
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BA9B Background



This preview shows how black text looks on a background with the Hex color B0BA9B.

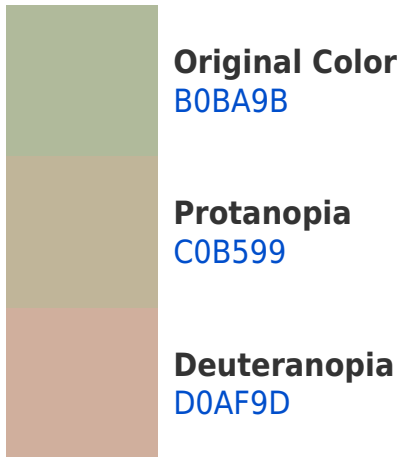


This preview shows how white text looks on a background with the Hex color B0BA9B.

# 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](#).

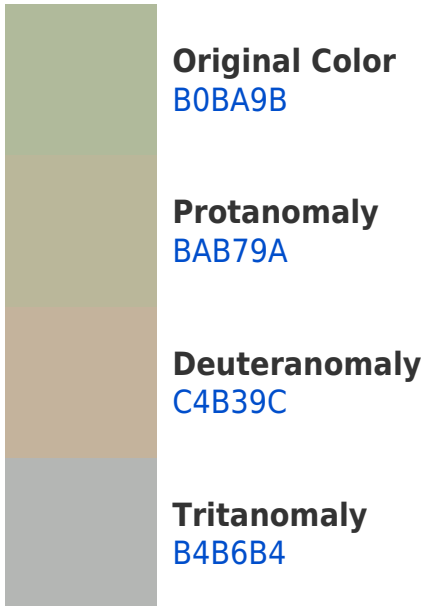
## Dichromacy



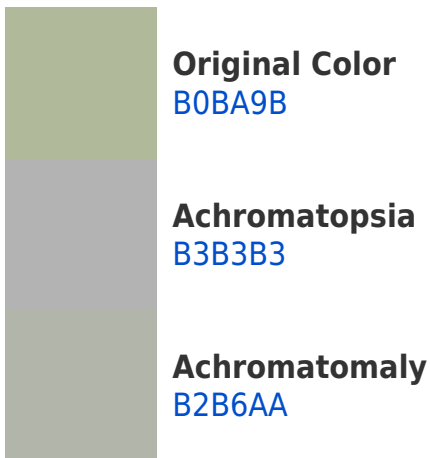


**Tritanopia**  
B6B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BA9B 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 #B0BA9B looks like.

```
.text, #text, p{  
    color:#B0BA9B  
}
```

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 #B0BA9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BA9B
}
```

## Border

The CSS property to change the border of an element to Hex B0BA9B 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
#B0BA9B }
```

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

```
.border{ border-color:#B0BA9B }
```

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

Here you see how a box with a 4 pixel #B0BA9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BA9B; -webkit-box-shadow:4px 4px  
4px 4px #B0BA9B; box-shadow:4px 4px 4px  
4px #B0BA9B }
```

# Background

The CSS property to change the background color of an element to Hex B0BA9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BA9B }
```

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

```
.background{ background-color:#B0BA9B }
```

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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