

# Converting Colors

Hex(B0B197)

Have a look what the booklet for  
Hex(B0B197) contains.

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# **Color**

**Hex(B0B197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B197
RGB	176, 177, 151
RGB Percent	69%, 69%, 59%
CMY	0.3098, 0.3059, 0.4078
CMYK	0.01, 0.00, 0.15, 0.31
HSL	62°, 14%, 64%
HSV	62°, 15%, 69%
XYZ	39.2126, 42.9088, 35.4937
YIQ	173.7370, 7.7500, -8.2980

# Conversions

## Conversions Part 2

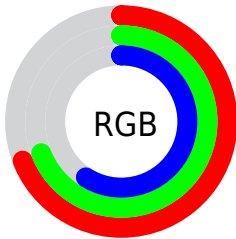
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 177, 152
Decimal	11579799
CIELab	71.49, -4.91, 13.21
CIELCh	71, 14.087, 110.380
Yxy	42.9088, 0.3334, 0.3648
Android (android.graphics.Color)	4289769879 (0xFFB0B197)
YUV	173.7370, -11.2093, 1.9847
Hunter-Lab	65.5048, -7.7795, 13.7272

# Details

The Hex color **B0B197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9897B1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E8E9CD**, and **7B7C64** is the 20% darker color. If you saturate the color by 10%, you get **AFB185**, and if you desaturate by 10%, it is **B1B1A9**.

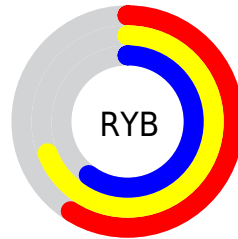
# Distribution



Red (69%)

Green (69%)

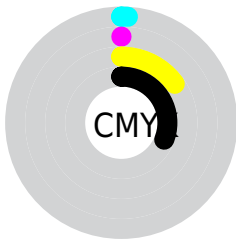
Blue (59%)



Red (59%)

Yellow (69%)

Blue (60%)

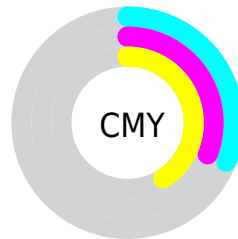


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0B197 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 B0B197 by changing the saturation by 10% instead.





B0B197



B0B197

FFFFFF



95967D



E8E9CD



7B7C64



FFFFE9



62644C



4A4C35



333520



1F2009



000900



000000



B0B197



B0B197

 AFB185

 B1B1A9

 AFB174

 B1B1BA

 AEB162

 B2B1CC

 ADB150

 B3B1DE

 ADB13F

 B3B1F0

 ACB12D

 B4B1FF

 ABB11B

 B5B1FF

 ABB109

 B6B1FF

 AAB100

# Harmonies

## Analogous

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



BEAD96



B0B197



A1B49E

# Triad

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



B0B197



91B5C2



C7A7B4

# Complementary

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



B0B197



9897B1

# 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.



BCA9C0



B0B197



9CB1C8

# Square

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



B0B197



8EB7B8



ACADC7



CBA7A7

# Rectangle

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



B0B197



98B6A6



ACADC7



C4A7B8



# Sweetspot

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



B0B197



E5E6DC



B19897



73736D



F2F2F2



737373



# Same Dimension

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



B0B197



E4E6BC



A3B197



595950



939900



191A00



# Inverse Universe

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



9897B1



BEBCE6



A597B1



515059



060099



01001A



# Previews

## White Background



This preview shows how the Hex color B0B197 looks on a white background.

## Color Contrast Check

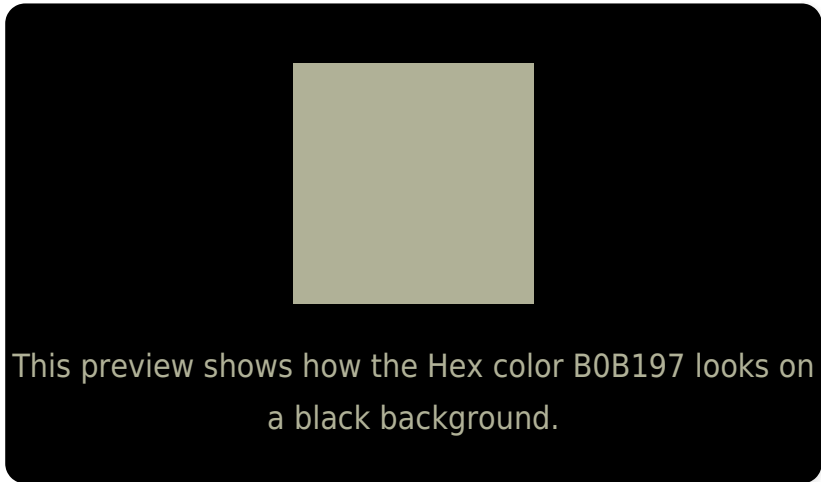
Large Text (above 18pt) WCAG AA × Fail

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

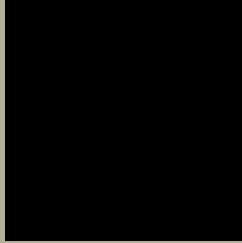
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

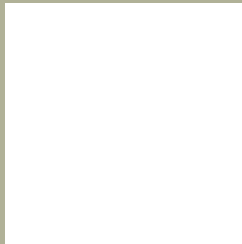
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0B197 Background



This preview shows how black text looks on a background with the Hex color B0B197.

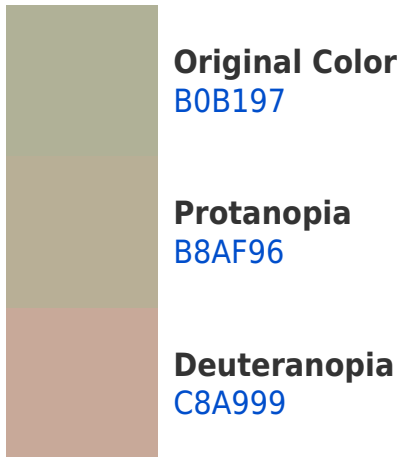


This preview shows how white text looks on a background with the Hex color B0B197.

# Color Blindness Simulation

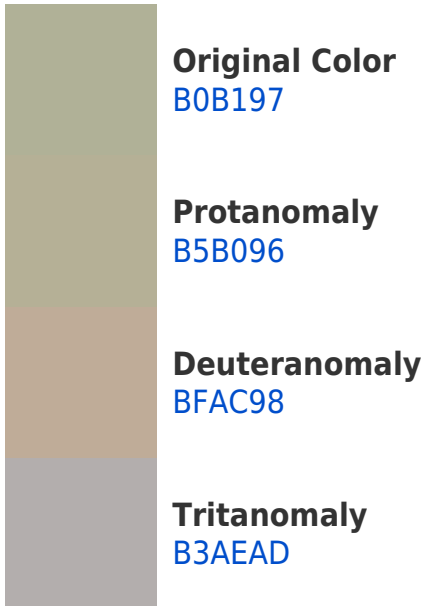
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

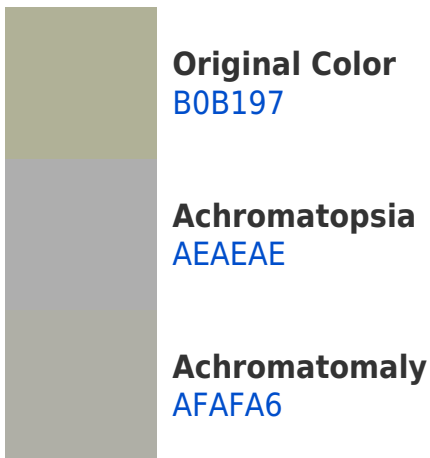




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0B197 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 #B0B197 looks like.

```
.text, #text, p{  
    color:#B0B197  
}
```

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 #B0B197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B197
}
```

## Border

The CSS property to change the border of an element to Hex B0B197 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
#B0B197 }
```

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

```
.border{ border-color:#B0B197 }
```

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

Here you see how a box with a 4 pixel #B0B197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B197; -webkit-box-shadow:4px 4px  
4px 4px #B0B197; box-shadow:4px 4px 4px  
4px #B0B197 }
```

# Background

The CSS property to change the background color of an element to Hex B0B197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B197 }
```

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

```
.background{ background-color:#B0B197 }
```

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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