

# Converting Colors

Hex(B0BB7F)

Have a look what the booklet for  
Hex(B0BB7F) contains.

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# Color

Hex(**B0BB7F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BB7F
RGB	176, 187, 127
RGB Percent	69%, 73%, 50%
CMY	0.3098, 0.2667, 0.5020
CMYK	0.06, 0.00, 0.32, 0.27
HSL	71°, 31%, 62%
HSV	71°, 32%, 73%
XYZ	39.5056, 46.3031, 26.9339
YIQ	176.8710, 12.7040, -20.9920

# Conversions

## Conversions Part 2

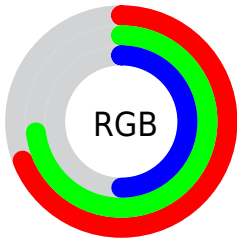
Format	Color
<a href="#">RYB</a>	<a href="#">127, 187, 138</a>
Decimal	<a href="#">11582335</a>
CIELab	<a href="#">73.74, -13.67, 29.18</a>
CIELCh	<a href="#">74, 32.224, 115.108</a>
Yxy	<a href="#">46.3031, 0.3504, 0.4107</a>
Android (android.graphics.Color)	<a href="#">4289772415 (0xFFB0BB7F)</a>
YUV	<a href="#">176.8710, -24.5864, -0.7639</a>
Hunter-Lab	<a href="#">68.0464, -15.4496, 24.1645</a>

# Details

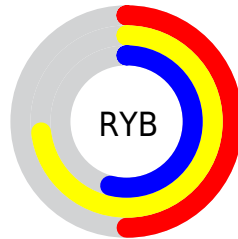
The Hex color **B0BB7F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8A7FBB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E8F3B4**, and **7B864D** is the 20% darker color. If you saturate the color by 10%, you get **ADBB6C**, and if you desaturate by 10%, it is **B3BB92**.

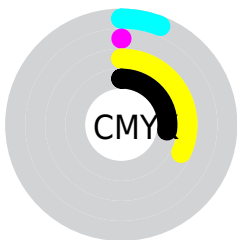
# Distribution



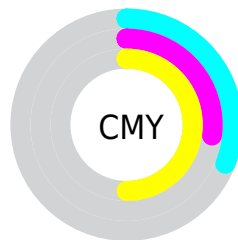
- Red (69%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BB7F 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 B0BB7F by changing the saturation by 10% instead.



 B0BB7F

 B0BB7F

FFFFFF

 95A066

 E8F3B4


 7B864D

 FFFFD0

 616D35

 FFFFEC

 49541F

 313D07

 1B2700

 001400

 000000

 B0BB7F

 B0BB7F

 ADBB6C

 B3BB92

 A9BB5A

 B7BBA4

 A6BB47

 BABBB7

 A2BB34

 BEBBCA

 9FBB22

 C1BBDC

 9BBB0F

 C5BBEF

 99BB00

 C8BBFF

 CBBBFF

 CFBBFF

# Harmonies

## Analogous

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



CEB27A



B0BB7F



8EC292

# Triad

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



B0BB7F



60C1E5



EC9FBB

# Complementary

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



B0BB7F



8A7FBB

# 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.



D6A5D7



B0BB7F



87B9F0

# Square

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



B0BB7F



55C5CD



B3AFEB



F0A19E

# Rectangle

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



B0BB7F



77C4A5



B3AFEB



E6A1C5



# Sweetspot

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



B0BB7F



EEF2DA



BB8A7F



787A6C



FAFAFA



7A7A7A



# Same Dimension

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



**B0BB7F**



**E1F294**



**93BB7F**



**5D5E55**



**819E00**



**191F00**



# Inverse Universe

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



8A7FBB



A594F2



A87FBB



57555E



1D009E



06001F



# Previews

## White Background



This preview shows how the Hex color B0BB7F looks on a white background.

## Color Contrast Check

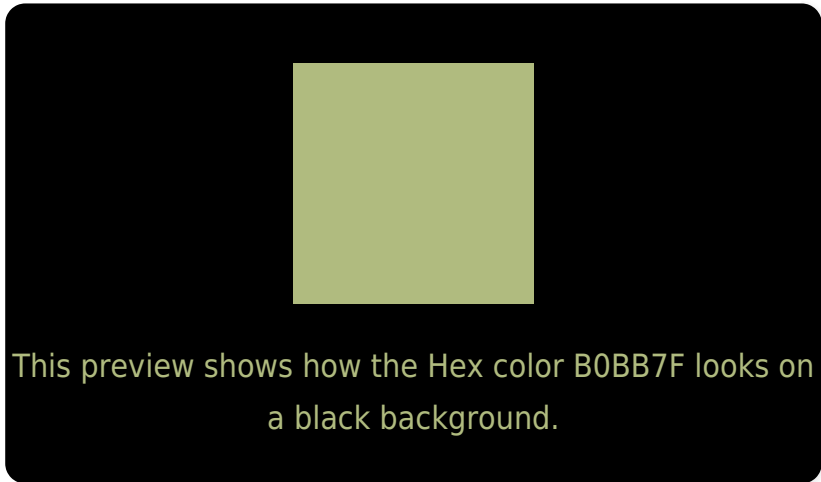
Large Text (above 18pt) WCAG AA × Fail

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

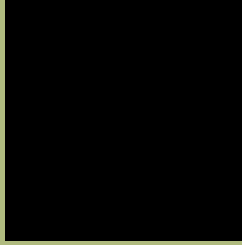
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

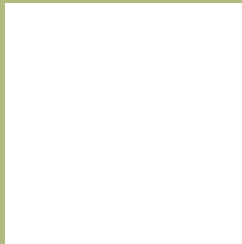
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BB7F Background



This preview shows how black text looks on a background with the Hex color B0BB7F.

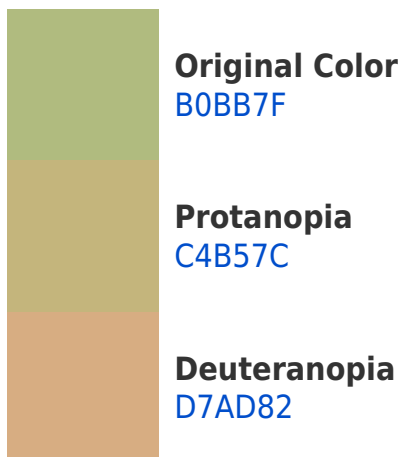


This preview shows how white text looks on a background with the Hex color B0BB7F.

# 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



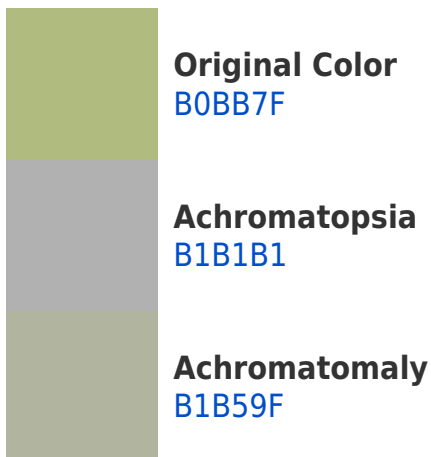


**Tritanopia**  
B9B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BB7F 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 #B0BB7F looks like.

```
.text, #text, p{  
    color:#B0BB7F  
}
```

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 #B0BB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BB7F
}
```

## Border

The CSS property to change the border of an element to Hex B0BB7F 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
#B0BB7F }
```

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

```
.border{ border-color:#B0BB7F }
```

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

Here you see how a box with a 4 pixel #B0BB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BB7F; -webkit-box-shadow:4px 4px  
4px 4px #B0BB7F; box-shadow:4px 4px 4px  
4px #B0BB7F }
```

# Background

The CSS property to change the background color of an element to Hex B0BB7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BB7F }
```

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

```
.background{ background-color:#B0BB7F }
```

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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