

# Converting Colors

Hex(B0BBAA)

Have a look what the booklet for  
Hex(B0BBAA) contains.

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# **Color**

**Hex(B0BBAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BBAA
RGB	176, 187, 170
RGB Percent	69%, 73%, 67%
CMY	0.3098, 0.2667, 0.3333
CMYK	0.06, 0.00, 0.09, 0.27
HSL	99°, 11%, 70%
HSV	99°, 9%, 73%
XYZ	42.9305, 47.6730, 44.9693
YIQ	181.7730, -1.0990, -7.6190

# Conversions

## Conversions Part 2

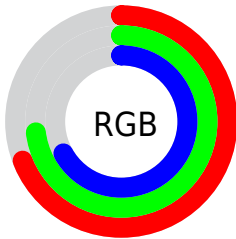
Format	Color
<a href="#">RYB</a>	<a href="#">170, 187, 181</a>
Decimal	<a href="#">11582378</a>
CIELab	<a href="#">74.62, -6.97, 7.30</a>
CIELCh	<a href="#">75, 10.088, 133.670</a>
Yxy	<a href="#">47.6730, 0.3167, 0.3516</a>
Android (android.graphics.Color)	<a href="#">4289772458 (0xFFB0BBAA)</a>
YUV	<a href="#">181.7730, -5.8041, -5.0629</a>
Hunter-Lab	<a href="#">69.0457, -9.8440, 9.7165</a>

# Details

The Hex color **B0BBAA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B5AABB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E8F3E1**, and **7B8676** is the 20% darker color. If you saturate the color by 10%, you get **A4BB97**, and if you desaturate by 10%, it is **BCBBBD**.

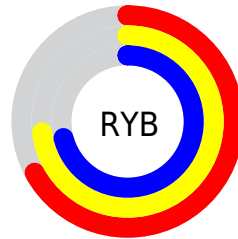
# Distribution



Red (69%)

Green (73%)

Blue (67%)



Red (67%)

Yellow (73%)

Blue (71%)

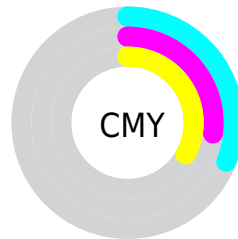


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BBAA 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 B0BBAA by changing the saturation by 10% instead.



 BOBBAA

 BOBBAA

FFFFFF

 95A090

 E8F3E1


 7B8676

FFFFFFE

 636D5D

 4B5446

 343D2F

 1F271A

 071300

 000000

 BOBBAA

 BOBBAA

 A4BB97

 BCBBBD

 98BB85

 C8BBCF

 8CBB72

 D4BBE2

 80BB5F

 E0BBF5

 74BB4C

 ECBBFF

 67BB3A

 F9BBFF

 5BBB27

 FFBBFF

 4FBB14

 43BB02

# Harmonies

## Analogous

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



BBB8A6



B0BBAA



A7BDB2

# Triad

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



B0BBAA



A8BAC9



CCB1B4

# Complementary

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



B0BBAA



B5AABB

# 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.



C7B2BD



B0BBAA



B3B7C9

# Square

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



B0BBAA



A2BCC4



BFB4C5



CAB3AB

# Rectangle

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



**B0BBAA**



**A2BDB8**



**BFB4C5**



**CBB1B7**



# Sweetspot

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



BOBBAA



EEF2EB



BBB5AA



777A76



FAFAFA



7A7A7A



# Same Dimension

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



BOBBAA



E1F2D8



AABBAC



585E55



389E00



0B1F00



# Inverse Universe

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



B5AABB



E9D8F2



BBAAB9



5B555E



66009E



14001F



# Previews

## White Background



This preview shows how the Hex color B0BBAA looks on a white background.

## Color Contrast Check

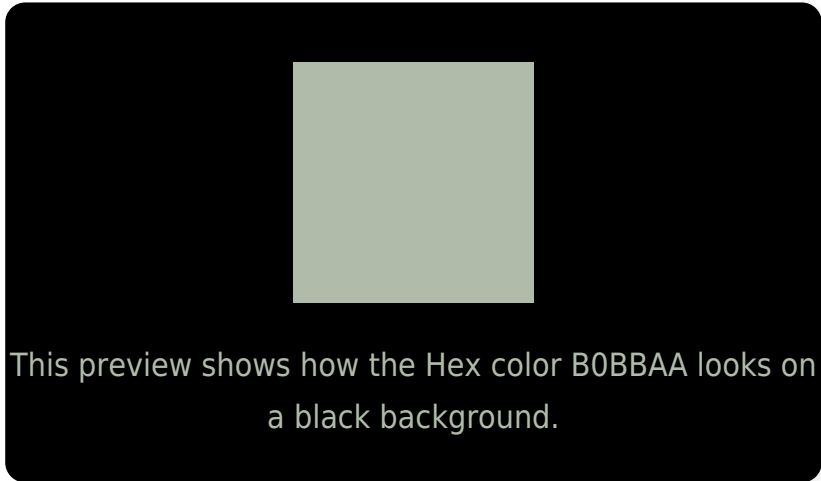
Large Text (above 18pt) WCAG AA × Fail

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

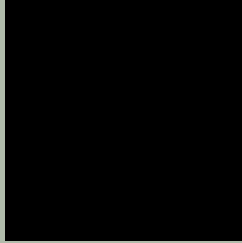
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

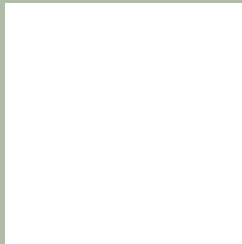
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BBAA Background



This preview shows how black text looks on a background with the Hex color B0BBAA.

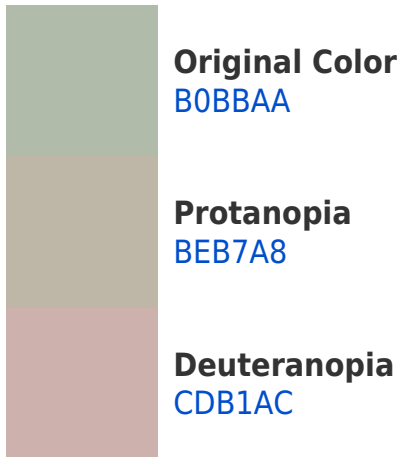


This preview shows how white text looks on a background with the Hex color B0BBAA.

# 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](#).

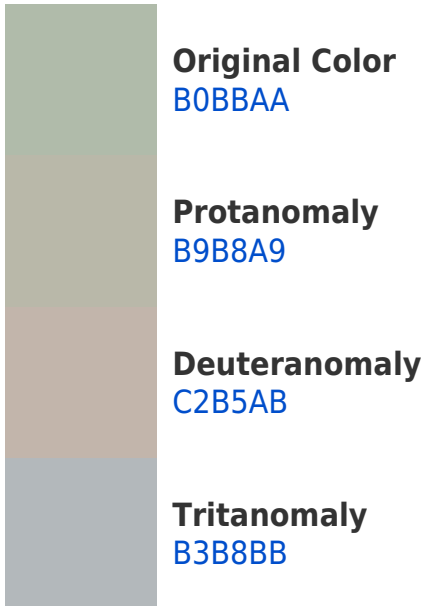
## Dichromacy



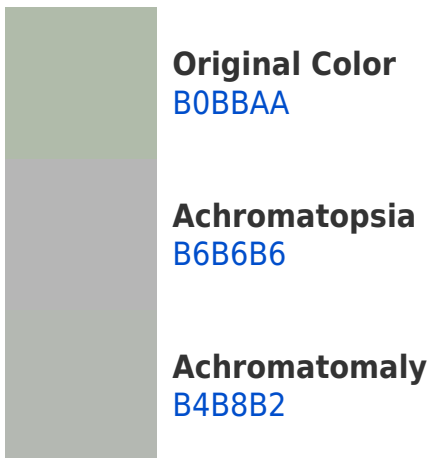


**Tritanopia**  
B4B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BBAA 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 #B0BBAA looks like.

```
.text, #text, p{  
    color:#B0BBAA  
}
```

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 #B0BBAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BBAA
}
```

## Border

The CSS property to change the border of an element to Hex B0BBAA 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
#B0BBAA }
```

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

```
.border{ border-color:#B0BBAA }
```

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

Here you see how a box with a 4 pixel #B0BBAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BBAA; -webkit-box-shadow:4px 4px  
4px 4px #B0BBAA; box-shadow:4px 4px 4px  
4px #B0BBAA }
```

# Background

The CSS property to change the background color of an element to Hex B0BBAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BBAA }
```

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

```
.background{ background-color:#B0BBAA }
```

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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