

# Converting Colors

Hex(B0C997)

Have a look what the booklet for  
Hex(B0C997) contains.

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**Color**

**Hex(B0C997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B0C997</a>
RGB	<a href="#">176, 201, 151</a>
RGB Percent	<a href="#">69%, 79%, 59%</a>
CMY	<a href="#">0.3098, 0.2118, 0.4078</a>
CMYK	<a href="#">0.12, 0.00, 0.25, 0.21</a>
HSL	<a href="#">90°, 32%, 69%</a>
HSV	<a href="#">90°, 25%, 79%</a>
XYZ	<a href="#">44.3771, 53.2378, 37.2152</a>
YIQ	<a href="#">187.8250, 1.1500, -20.8500</a>

# Conversions

## Conversions Part 2

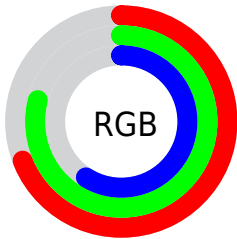
Format	Color
<a href="#">RYB</a>	<a href="#">151, 201, 176</a>
Decimal	<a href="#">11585943</a>
CIELab	<a href="#">78.02, -17.35, 22.26</a>
CIELCh	<a href="#">78, 28.221, 127.928</a>
Yxy	<a href="#">53.2378, 0.3291, 0.3949</a>
Android (android.graphics.Color)	<a href="#">4289776023 (0xFFB0C997)</a>
YUV	<a href="#">187.8250, -18.1547, -10.3705</a>
Hunter-Lab	<a href="#">72.9642, -19.1231, 20.8343</a>

# Details

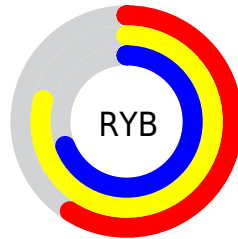
The Hex color **B0C997** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B097C9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E8FFCD**, and **7B9364** is the 20% darker color. If you saturate the color by 10%, you get **A6C983**, and if you desaturate by 10%, it is **BAC9AB**.

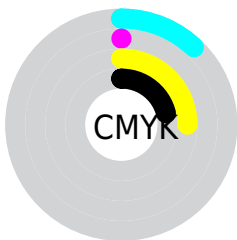
# Distribution



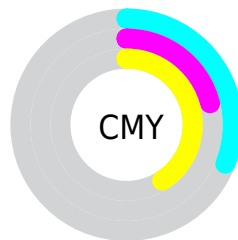
- Red (69%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C997 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 B0C997 by changing the saturation by 10% instead.





B0C997



B0C997

FFFFFF



95AE7D



E8FFCD



7B9364



FFFEEA



62794C



496034



32481E



1C3207



001D00



000000



B0C997



B0C997

 A6C983

 BAC9AB

 9CC96F

 C4C9BF

 92C95B

 CEC9D3

 88C947

 D8C9E7

 7EC933

 E2C9FC

 74C91E

 ECC9FF

 6AC90A

 F6C9FF

 65C900

 FFC9FF

# Harmonies

## Analogous

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



CDC18D



B0C997



92CEAC

# Triad

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



B0C997



87C9F1



F5AEBB

# Complementary

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



B0C997



B097C9

# 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.



E8B0D5



B0C997



AAC1F4

# Square

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



B0C997



74CEE0



CEB8EA



F4B1A2

# Rectangle

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



B0C997



81D0BE



CEB8EA



F3AEC4



# Sweetspot

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



B0C997



F6FFED



C9B097



7A8075



000000



808080

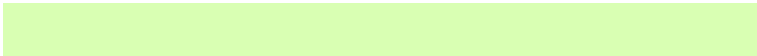


# Same Dimension

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



B0C997



D9FFB3



97C997



5E635A



52A300



122400



# Inverse Universe

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



B097C9



D9B3FF



C997C9



5E5A63



5200A3

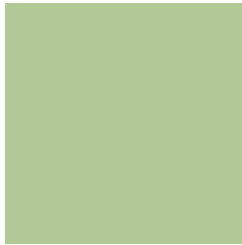


120024



# Previews

## White Background



This preview shows how the Hex color B0C997 looks on a white background.

## Color Contrast Check

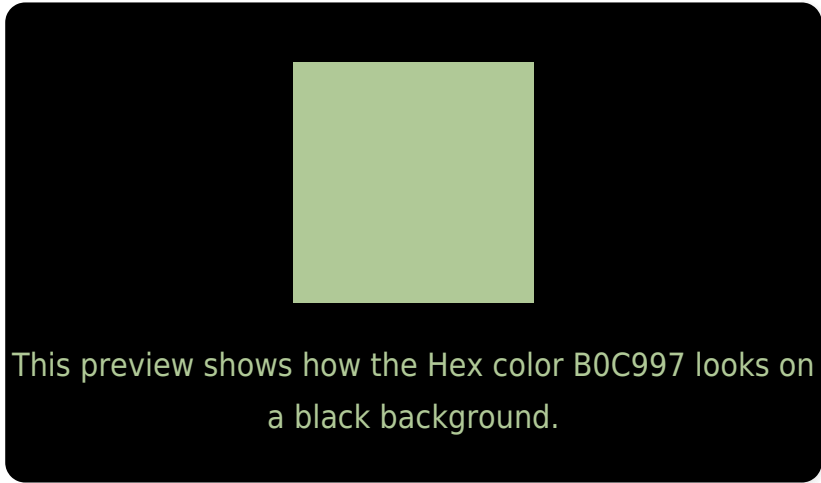
Large Text (above 18pt) WCAG AA × Fail

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

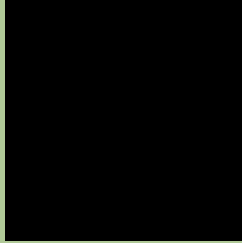
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0C997 Background



This preview shows how black text looks on a background with the Hex color B0C997.

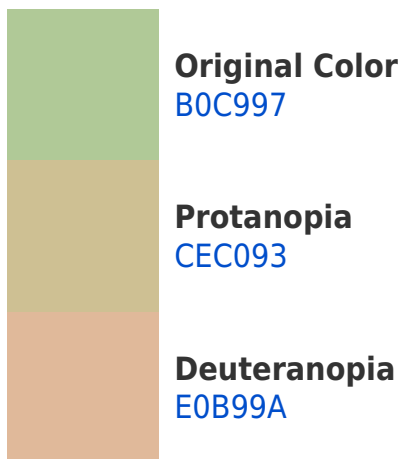


This preview shows how white text looks on a background with the Hex color B0C997.

# 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](#).

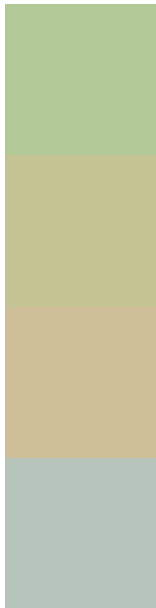
## Dichromacy





**Tritanopia**  
B9C1D1

# Trichromacy



**Original Color**  
B0C997

**Protanomaly**  
C3C394

**Deuteranomaly**  
CFBF99

**Tritanomaly**  
B6C4BC

# Monochromacy



**Original Color**  
B0C997

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
B8C1AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C997 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 #B0C997 looks like.

```
.text, #text, p{  
    color:#B0C997  
}
```

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 #B0C997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C997
}
```

## Border

The CSS property to change the border of an element to Hex B0C997 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
#B0C997 }
```

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

```
.border{ border-color:#B0C997 }
```

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

Here you see how a box with a 4 pixel #B0C997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C997; -webkit-box-shadow:4px 4px  
4px 4px #B0C997; box-shadow:4px 4px 4px  
4px #B0C997 }
```

# Background

The CSS property to change the background color of an element to Hex B0C997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C997 }
```

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

```
.background{ background-color:#B0C997 }
```

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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