

# Converting Colors

Hex(B0CA7E)

Have a look what the booklet for  
Hex(B0CA7E) contains.

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# **Color**

**Hex(B0CA7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CA7E
RGB	176, 202, 126
RGB Percent	69%, 79%, 49%
CMY	0.3098, 0.2078, 0.5059
CMYK	0.13, 0.00, 0.38, 0.21
HSL	81°, 42%, 64%
HSV	81°, 38%, 79%
XYZ	42.7909, 52.9775, 27.7090
YIQ	185.5620, 8.9000, -29.1480

# Conversions

## Conversions Part 2

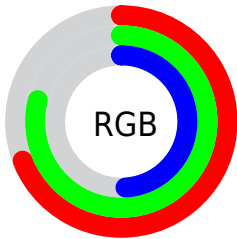
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 202, 152
Decimal	11586174
CIELab	77.86, -21.36, 35.09
CIElCh	78, 41.081, 121.333
Yxy	52.9775, 0.3465, 0.4290
Android (android.graphics.Color)	4289776254 (0xFFB0CA7E)
YUV	185.5620, -29.3641, -8.3859
Hunter-Lab	72.7857, -22.4342, 28.3786

# Details

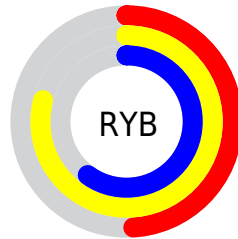
The Hex color **B0CA7E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **987ECA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E8FFB4**, and **7A944C** is the 20% darker color. If you saturate the color by 10%, you get **A9CA6A**, and if you desaturate by 10%, it is **B7CA92**.

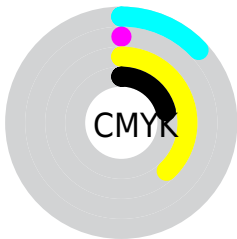
# Distribution



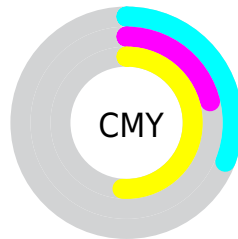
- Red (69%)
- Green (79%)
- Blue (49%)



- Red (49%)
- Yellow (79%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0CA7E 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 B0CA7E by changing the saturation by 10% instead.



 B0CA7E

 B0CA7E

FFFFFF

 95AF64

 E8FFB4

 7A944C

 FFFFCF

 607A33

 FFFFEC

 47611C

 2F4902

 183200

 001F00

 000000

 B0CA7E

 B0CA7E

 A9CA6A

 B7CA92

 A2CA56

 BECAA6

 9BCA41

 C5CABB

 94CA2D

 CCCACF

 8DCA19

 D3CAE3

 87CA05

 D9CAF7

 85CA00

 E0CAFF

 E7CAFF

 EECAFF

# Harmonies

## Analogous

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



D8BF74



B0CA7E



82D29B

# Triad

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



B0CA7E



48CEFF



FFA3C0

# Complementary

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



B0CA7E



987ECA

# Split Complementary

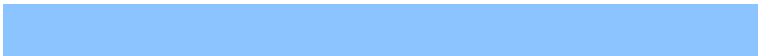
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2A9E6



B0CA7E



8CC4FF

# Square

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



B0CA7E



1CD4E7



C7B6FF



FFA69B

# Rectangle

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



B0CA7E



60D4B4



C7B6FF



FFA4CD



# Sweetspot

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



B0CA7E



F5FFE3



CA977E



7A806F



000000



808080

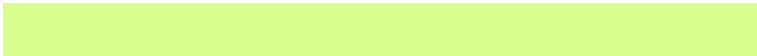


# Same Dimension

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



B0CA7E



D8FF8C



8BCA7E



63665C



6DA600



192600



# Inverse Universe

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



987ECA



B48CFF



BD7ECA



5F5C66



3900A6



0D0026



# Previews

## White Background



This preview shows how the Hex color B0CA7E looks on a white background.

## Color Contrast Check

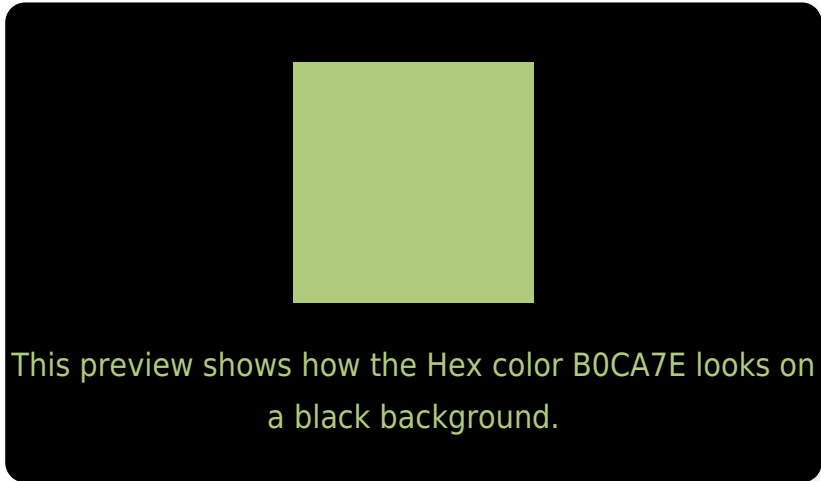
Large Text (above 18pt) WCAG AA × Fail

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 B0CA7E Background



This preview shows how black text looks on a background with the Hex color B0CA7E.

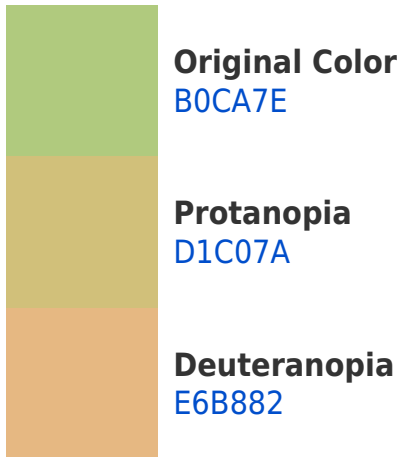


This preview shows how white text looks on a background with the Hex color B0CA7E.

# Color Blindness Simulation

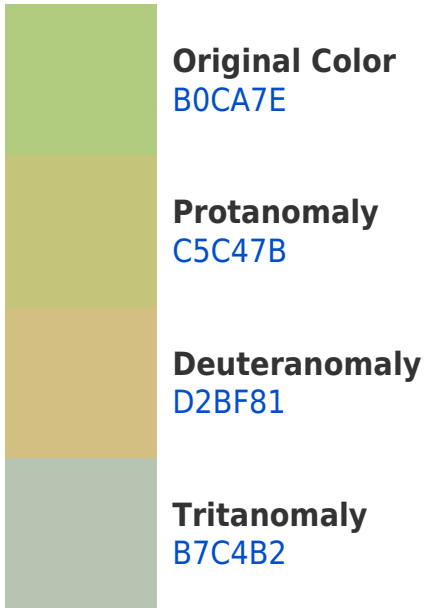
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

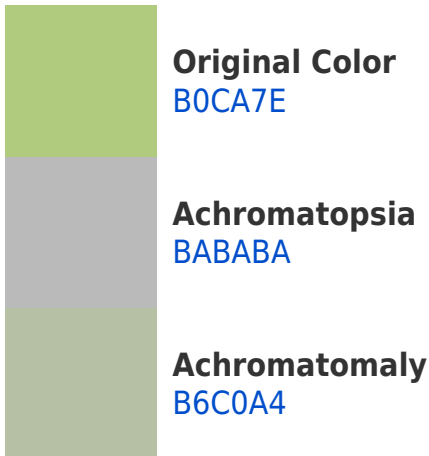




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0CA7E 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 #B0CA7E looks like.

```
.text, #text, p{  
    color:#B0CA7E  
}
```

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 #B0CA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CA7E
}
```

## Border

The CSS property to change the border of an element to Hex B0CA7E 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
#B0CA7E }
```

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

```
.border{ border-color:#B0CA7E }
```

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

Here you see how a box with a 4 pixel #B0CA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CA7E; -webkit-box-shadow:4px 4px  
4px 4px #B0CA7E; box-shadow:4px 4px 4px  
4px #B0CA7E }
```

# Background

The CSS property to change the background color of an element to Hex B0CA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CA7E }
```

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

```
.background{ background-color:#B0CA7E }
```

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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