

# Converting Colors

Hex(B0E1AB)

Have a look what the booklet for  
Hex(B0E1AB) contains.

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# **Color**

**Hex(B0E1AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E1AB
RGB	176, 225, 171
RGB Percent	69%, 88%, 67%
CMY	0.3098, 0.1176, 0.3294
CMYK	0.22, 0.00, 0.24, 0.12
HSL	114°, 47%, 78%
HSV	114°, 24%, 88%
XYZ	52.1804, 66.0208, 48.5212
YIQ	204.1930, -11.8700, -27.1820

# Conversions

## Conversions Part 2

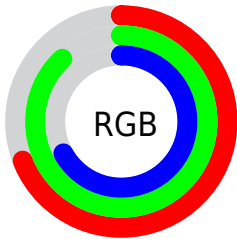
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 225, 220
Decimal	11592107
CIELab	85.01, -25.96, 21.39
CIELCh	85, 33.638, 140.522
Yxy	66.0208, 0.3130, 0.3960
Android (android.graphics.Color)	4289782187 (0xFFB0E1AB)
YUV	204.1930, -16.3641, -24.7253
Hunter-Lab	81.2532, -27.5613, 21.4716

# Details

The Hex color **B0E1AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DCABE1**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E8FFE3**, and **7AAA77** is the 20% darker color. If you saturate the color by 10%, you get **9CE194**, and if you desaturate by 10%, it is **C4E1C2**.

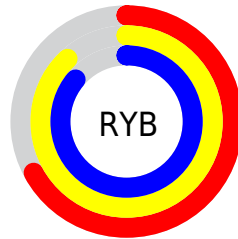
# Distribution



Red (69%)

Green (88%)

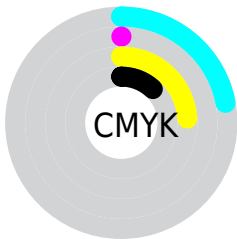
Blue (67%)



Red (67%)

Yellow (88%)

Blue (86%)

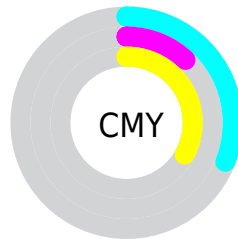


Cyan (22%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E1AB 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 B0E1AB by changing the saturation by 10% instead.



 B0E1AB

FFFFFF

 E8FFE3

 B0E1AB

 95C590

 7AAA77

 618F5E

 487546

 2F5C2F

 174419

 002D00

 001A00

 000000

 B0E1AB

 B0E1AB

 9CE194

 C4E1C2

 87E17E

 D9E1D8

 73E167

 EDE1EF

 5EE151

 FFE1FF

 4AE13B

 36E124

 21E10E

 15E100

# Harmonies

## Analogous

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



D4D998



B0E1AB



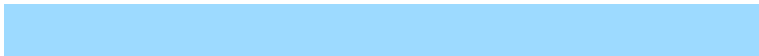
8CE5C9

# Triad

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



B0E1AB



9DDAFF



FFBEC0

# Complementary

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



B0E1AB



DCABE1

# 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.



FFBEE0



B0E1AB



CBD0FF

# Square

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



B0E1AB



79E2FF



F3C5FD



FFC4A5

# Rectangle

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



**B0E1AB**



**79E6DF**



**F3C5FD**



**FFBDCA**



# Sweetspot

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



B0E1AB



EFFFED



E1DCAB



768075



000000



808080

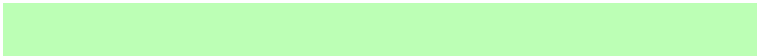


# Same Dimension

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



B0E1AB



BCFFB5



ABE1C1



667065



10B000



043000



# Inverse Universe

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



DCABE1



F8B5FF



E1ABCB



6F6570



A000B0

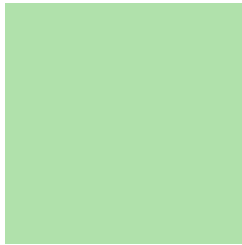


2C0030



# Previews

## White Background



This preview shows how the Hex color B0E1AB looks on a white background.

## Color Contrast Check

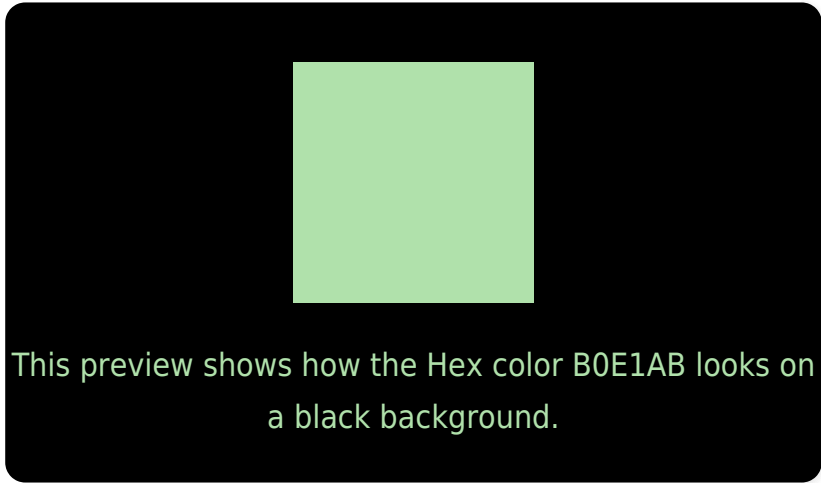
Large Text (above 18pt) WCAG AA × Fail

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

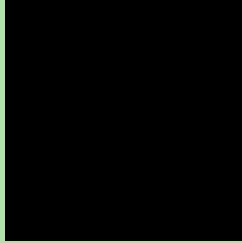
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0E1AB Background



This preview shows how black text looks on a background with the Hex color B0E1AB.

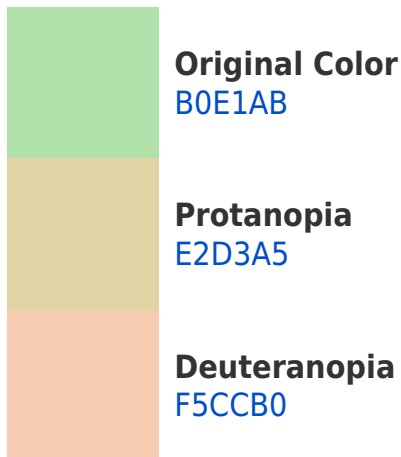


This preview shows how white text looks on a background with the Hex color B0E1AB.

# 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](#).

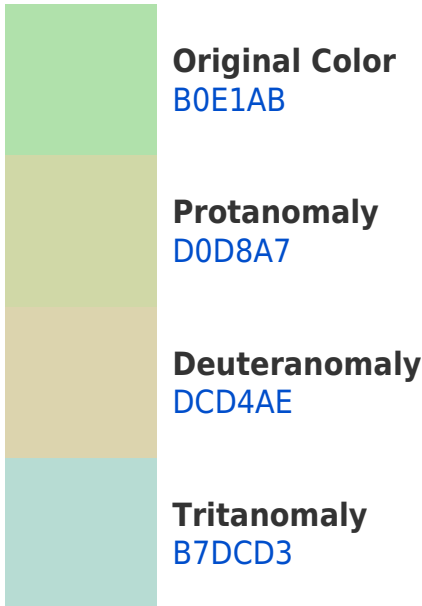
## Dichromacy



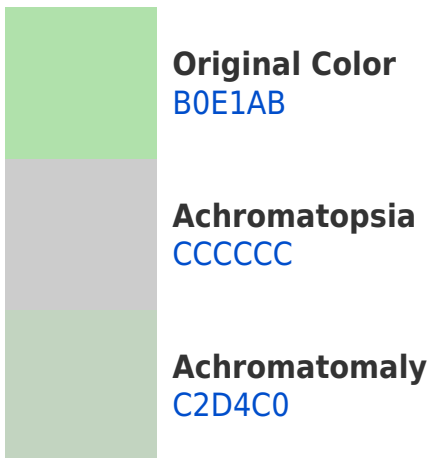


**Tritanopia**  
BBD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E1AB 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 #B0E1AB looks like.

```
.text, #text, p{  
    color:#B0E1AB  
}
```

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 #B0E1AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E1AB  
}
```

## Border

The CSS property to change the border of an element to Hex B0E1AB 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  
#B0E1AB }
```

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

```
.border{ border-color:#B0E1AB }
```

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

Here you see how a box with a 4 pixel #B0E1AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E1AB; -webkit-box-shadow:4px 4px  
4px 4px #B0E1AB; box-shadow:4px 4px 4px  
4px #B0E1AB }
```

# Background

The CSS property to change the background color of an element to Hex B0E1AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E1AB }
```

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

```
.background{ background-color:#B0E1AB }
```

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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