

# Converting Colors

Hex(B1E0BA)

Have a look what the booklet for  
Hex(B1E0BA) contains.

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# **Color**

**Hex(B1E0BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E0BA
RGB	177, 224, 186
RGB Percent	69%, 88%, 73%
CMY	0.3059, 0.1216, 0.2706
CMYK	0.21, 0.00, 0.17, 0.12
HSL	131°, 43%, 79%
HSV	131°, 21%, 88%
XYZ	53.6500, 66.2036, 56.4053
YIQ	205.6150, -15.8140, -21.7820

# Conversions

## Conversions Part 2

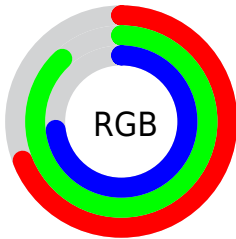
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 216, 224
Decimal	11657402
CIELab	85.10, -22.56, 13.68
CIELCh	85, 26.384, 148.757
Yxy	66.2036, 0.3044, 0.3756
Android (android.graphics.Color)	4289847482 (0xFFB1E0BA)
YUV	205.6150, -9.6702, -25.0954
Hunter-Lab	81.3656, -24.6922, 15.8541

# Details

The Hex color **B1E0BA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0B1D7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E9FFF2**, and **7CA985** is the 20% darker color. If you saturate the color by 10%, you get **9BE0A8**, and if you desaturate by 10%, it is **C7E0CC**.

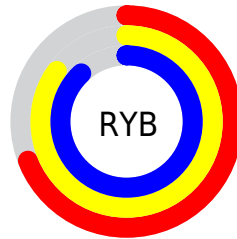
# Distribution



Red (69%)

Green (88%)

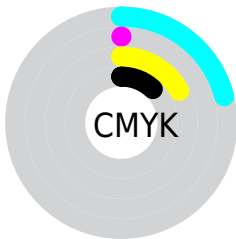
Blue (73%)



Red (69%)

Yellow (85%)

Blue (88%)

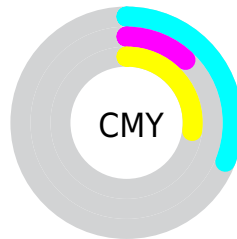


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E0BA 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 B1E0BA by changing the saturation by 10% instead.



 B1E0BA

FFFFFF

 E9FFF2


 B1E0BA

 96C49F

 7CA985

 628E6C

 497453

 315B3C

 194426

 012D11

 001A00

 000000

 B1E0BA

 B1E0BA

 9BE0A8

 C7E0CC

 84E096

 DEE0DE

 6EE084

 F4E0F0

 57E072

 FFE0FF

 41E05F

 2BE04D

 14E03B

 00E02B

# Harmonies

## Analogous

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



CEDAA8



B1E0BA



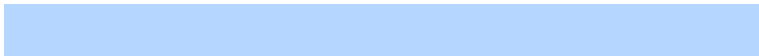
99E3D3

# Triad

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



B1E0BA



B5D7FF



FFC4BE

# Complementary

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



B1E0BA



E0B1D7

# 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.



FFC3D7



B1E0BA



D7CFFF

# Square

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



B1E0BA



99DEFE



F4C7EF



FDCAAB

# Rectangle

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



B1E0BA



8FE3E4



F4C7EF



FFC3C6



# Sweetspot

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



B1E0BA



F0FFF3



D7E0B1



778078



000000



808080

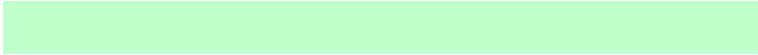


# Same Dimension

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



B1E0BA



BFFFCB



B1E0D1



657067



00B022



003009



# Inverse Universe

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



E0B1D7



FFBFF3



E0B1C0



70656E



B0008E

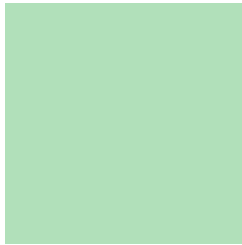


300027



# Previews

## White Background



This preview shows how the Hex color B1E0BA looks on a white background.

## Color Contrast Check

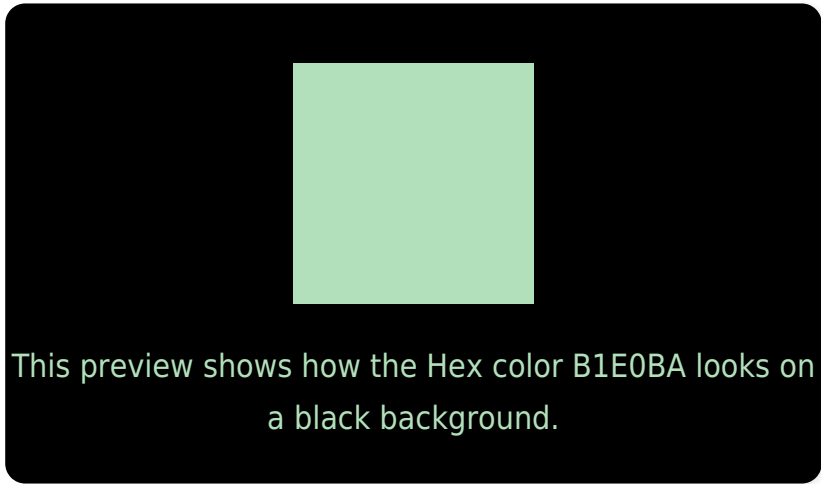
Large Text (above 18pt) WCAG AA × Fail

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

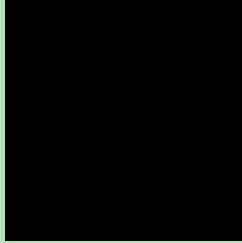
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

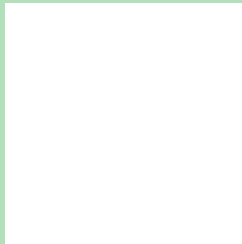
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1E0BA Background



This preview shows how black text looks on a background with the Hex color B1E0BA.

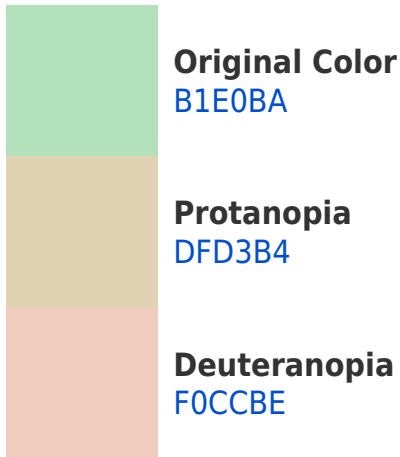


This preview shows how white text looks on a background with the Hex color B1E0BA.

# 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](#).

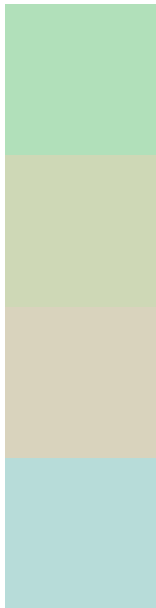
## Dichromacy





**Tritanopia**  
BAD9EB

# Trichromacy



**Original Color**  
B1E0BA

**Protanomaly**  
CED8B6

**Deuteranomaly**  
D9D3BD

**Tritanomaly**  
B7DCD9

# Monochromacy



**Original Color**  
B1E0BA

**Achromatopsia**  
CECECE

**Achromatomaly**  
C3D5C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E0BA 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 #B1E0BA looks like.

```
.text, #text, p{  
    color:#B1E0BA  
}
```

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 #B1E0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E0BA
}
```

## Border

The CSS property to change the border of an element to Hex B1E0BA 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
#B1E0BA }
```

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

```
.border{ border-color:#B1E0BA }
```

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

Here you see how a box with a 4 pixel #B1E0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E0BA; -webkit-box-shadow:4px 4px  
4px 4px #B1E0BA; box-shadow:4px 4px 4px  
4px #B1E0BA }
```

# Background

The CSS property to change the background color of an element to Hex B1E0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E0BA }
```

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

```
.background{ background-color:#B1E0BA }
```

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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