

# Converting Colors

Hex(B0E0C4)

Have a look what the booklet for  
Hex(B0E0C4) contains.

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# Color

Hex(B0E0C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E0C4
RGB	176, 224, 196
RGB Percent	69%, 88%, 77%
CMY	0.3098, 0.1216, 0.2314
CMYK	0.21, 0.00, 0.12, 0.12
HSL	145°, 44%, 78%
HSV	145°, 21%, 88%
XYZ	54.5240, 66.5269, 62.1918
YIQ	206.4560, -19.6200, -18.8840

# Conversions

## Conversions Part 2

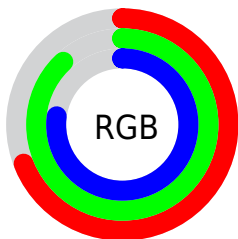
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 210, 224
Decimal	11591876
CIELab	85.26, -21.03, 8.65
CIELCh	85, 22.744, 157.639
Yxy	66.5269, 0.2976, 0.3631
Android (android.graphics.Color)	4289781956 (0xFFB0E0C4)
YUV	206.4560, -5.1548, -26.7099
Hunter-Lab	81.5640, -23.4134, 11.8868

# Details

The Hex color **B0E0C4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0B0CC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E8FFFD**, and **7BA98E** is the 20% darker color. If you saturate the color by 10%, you get **9AE0B7**, and if you desaturate by 10%, it is **C6E0D1**.

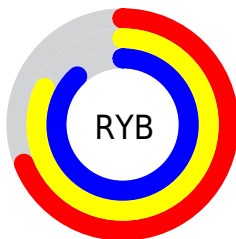
# Distribution



Red (69%)

Green (88%)

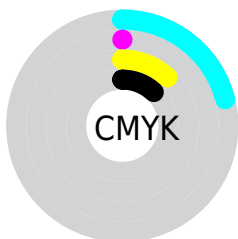
Blue (77%)



Red (69%)

Yellow (82%)

Blue (88%)

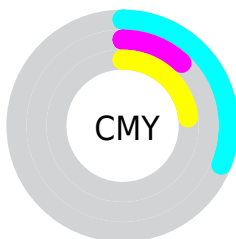


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E0C4 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 B0E0C4 by changing the saturation by 10% instead.



 B0E0C4


 B0E0C4

FFFFFF

 95C4A9

 E8FFFD

 7BA98E

 618E75

 48745C

 305C45

 18442E

 002D19

 001A00

 000000

 B0E0C4

 B0E0C4

 9AE0B7

 C6E0D1

 83E0AA

 DDE0DE

 6DE09D

 F3E0EB

 56E090

 FFE0F8

 40E083

 FFE0FF

 2AE076

 13E069

 00E05D

# Harmonies

## Analogous

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



C8DCB3



B0E0C4



9FE2DA

# Triad

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



B0E0C4



C4D5FF



FFC8BC

# Complementary

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



B0E0C4



E0B0CC

# 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.



FFC6D0



B0E0C4



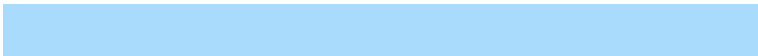
E0CEF7

# Square

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



B0E0C4



A9DCFC



F6C8E6



F4CEAE

# Rectangle

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



B0E0C4



9AE1E8



F6C8E6



FFC7C2

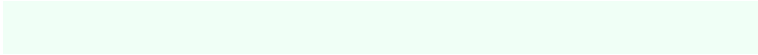


# Sweetspot

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



B0E0C4



F0FFF6



CCE0B0



77807A



000000



808080

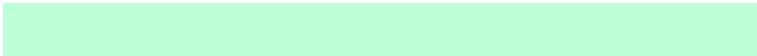


# Same Dimension

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



B0E0C4



BDFFD8



B0E0DC



65706A



00B049



003014



# Inverse Universe

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



E0B0CC



FFBDE3



E0B0B4



70656C



B00067

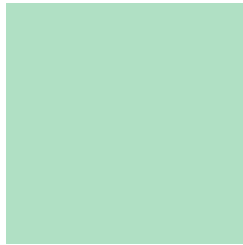


30001C



# Previews

## White Background



This preview shows how the Hex color B0E0C4 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



This preview shows how the Hex color B0E0C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

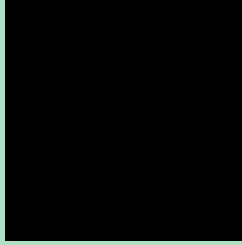
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

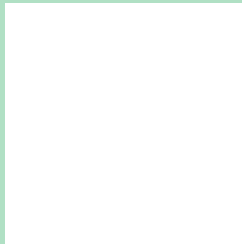
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0E0C4 Background



This preview shows how black text looks on a background with the Hex color B0E0C4.



This preview shows how white text looks on a background with the Hex color B0E0C4.

# Color Blindness Simulation

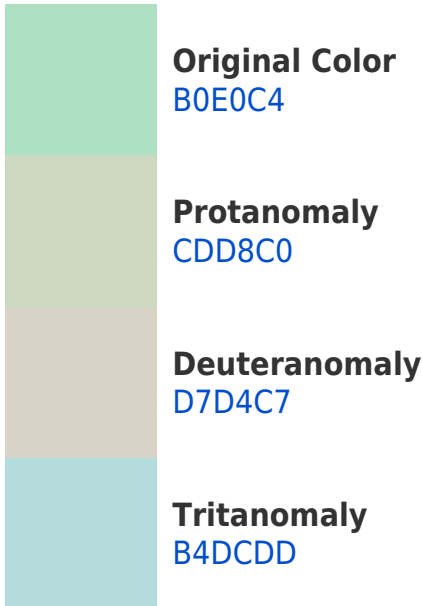
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

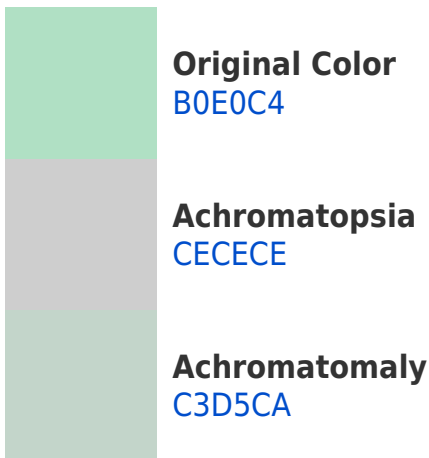




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E0C4 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 #B0E0C4 looks like.

```
.text, #text, p{  
    color:#B0E0C4  
}
```

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 #B0E0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E0C4  
}
```

## Border

The CSS property to change the border of an element to Hex B0E0C4 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  
#B0E0C4 }
```

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

```
.border{ border-color:#B0E0C4 }
```

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

Here you see how a box with a 4 pixel #B0E0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E0C4; -webkit-box-shadow:4px 4px  
4px 4px #B0E0C4; box-shadow:4px 4px 4px  
4px #B0E0C4 }
```

# Background

The CSS property to change the background color of an element to Hex B0E0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E0C4 }
```

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

```
.background{ background-color:#B0E0C4 }
```

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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