

# Converting Colors

Hex(B0CCBE)

Have a look what the booklet for  
Hex(B0CCBE) contains.

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# **Color**

**Hex(B0CCBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CCBE
RGB	176, 204, 190
RGB Percent	69%, 80%, 75%
CMY	0.3098, 0.2000, 0.2549
CMYK	0.14, 0.00, 0.07, 0.20
HSL	150°, 22%, 75%
HSV	150°, 14%, 80%
XYZ	48.7916, 56.1335, 56.9785
YIQ	194.0320, -12.1940, -10.2900

# Conversions

## Conversions Part 2

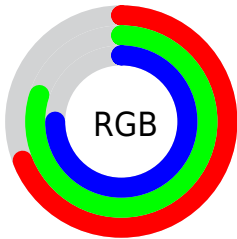
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 195, 204
Decimal	11586750
CIELab	79.69, -12.11, 3.81
CIELCh	80, 12.693, 162.515
Yxy	56.1335, 0.3014, 0.3467
Android (android.graphics.Color)	4289776830 (0xFFB0CCBE)
YUV	194.0320, -1.9878, -15.8141
Hunter-Lab	74.9223, -14.8696, 7.3556

# Details

The Hex color **B0CCBE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CCB0BE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E8FFF6**, and **7B9689** is the 20% darker color. If you saturate the color by 10%, you get **9CCCB4**, and if you desaturate by 10%, it is **C4CCC8**.

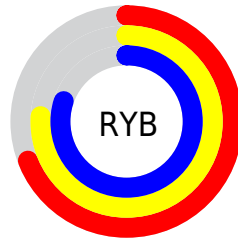
# Distribution



Red (69%)

Green (80%)

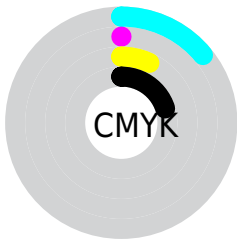
Blue (75%)



Red (69%)

Yellow (76%)

Blue (80%)

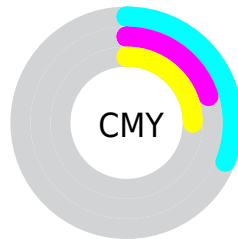


Cyan (14%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0CCBE 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 B0CCBE by changing the saturation by 10% instead.



 B0CCBE

 B0CCBE

FFFFFF

 95B1A3

 E8FFF6

 7B9689

 627C6F

 4A6357

 334B40

 1D342A

 071F15

 000000

 B0CCBE

 B0CCBE

 9CCCB4

 C4CCC8

 87CCAA

 D9CCD2

 73CC9F

 EDCCDD

 5ECC95

 FFCCE7

 4ACC8B

 FFCCF1

 36CC81

 FFCCFB

 21CC77

 FFCCFF

 0DCC6C

 00CC66

# Harmonies

## Analogous

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



BCCAB4



B0CCBE



A9CDCA

# Triad

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



B0CCBE



BFC5DC



DEBFB6

# Complementary

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



B0CCBE



CCB0BE

# 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.



DFBEC1



B0CCBE



CEC1D7

# Square

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



B0CCBE



B1C9DC



D9BECD



D6C2AF

# Rectangle

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



B0CCBE



A8CCD2



D9BECD



DFBEB9



# Sweetspot

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



B0CCBE



F5FFFA



BECCB0



79807C



000000



808080

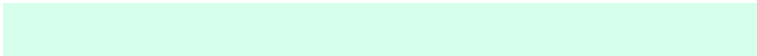


# Same Dimension

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



B0CCBE



D6FFEB



B0CCCC



5C6661



00A653



002613



# Inverse Universe

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



CCB0BE



FFD6EB



CCB0B0



665C61



A60053

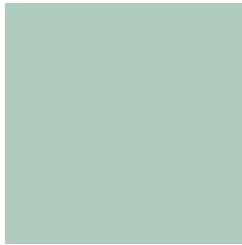


260013



# Previews

## White Background



This preview shows how the Hex color B0CCBE looks on a white background.

## Color Contrast Check

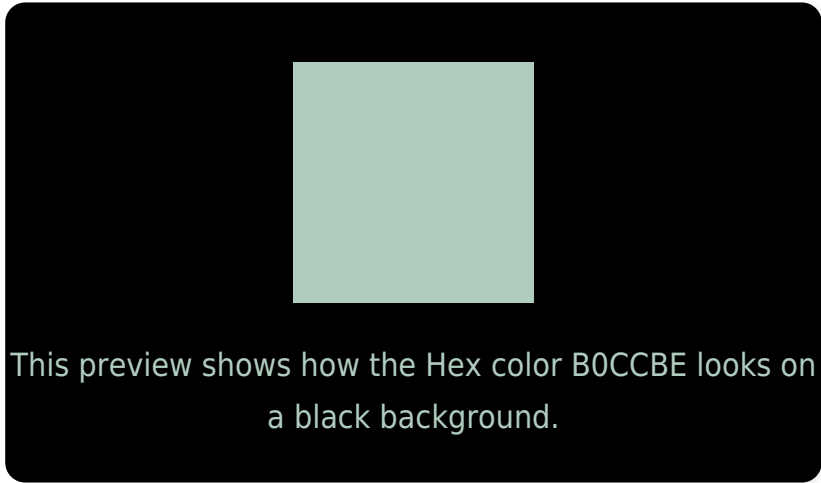
Large Text (above 18pt) WCAG AA × Fail

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

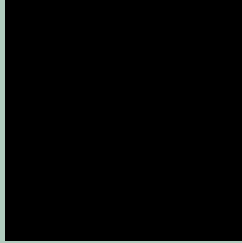
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

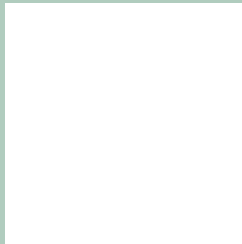
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0CCBE Background



This preview shows how black text looks on a background with the Hex color B0CCBE.



This preview shows how white text looks on a background with the Hex color B0CCBE.

# 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](#).

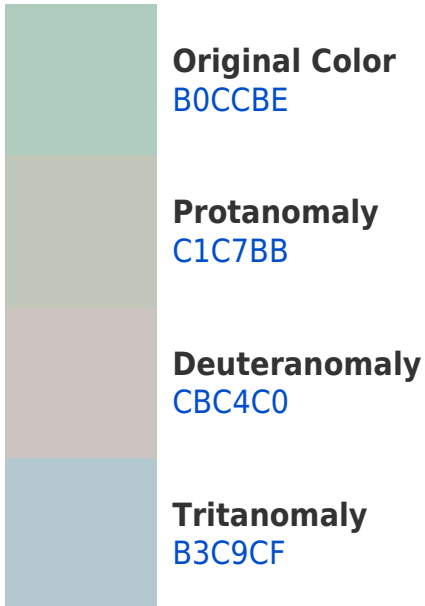
## Dichromacy



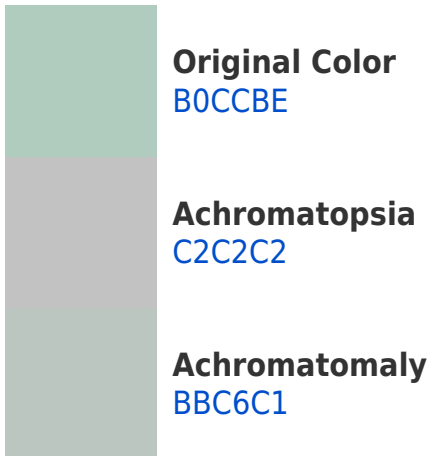


**Tritanopia**  
B5C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0CCBE 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 #B0CCBE looks like.

```
.text, #text, p{  
    color:#B0CCBE  
}
```

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 #B0CCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CCBE
}
```

## Border

The CSS property to change the border of an element to Hex B0CCBE 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
#B0CCBE }
```

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

```
.border{ border-color:#B0CCBE }
```

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

Here you see how a box with a 4 pixel #B0CCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CCBE; -webkit-box-shadow:4px 4px  
4px 4px #B0CCBE; box-shadow:4px 4px 4px  
4px #B0CCBE }
```

# Background

The CSS property to change the background color of an element to Hex B0CCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CCBE }
```

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

```
.background{ background-color:#B0CCBE }
```

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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