

# Converting Colors

Hex(B0BCBE)

Have a look what the booklet for  
Hex(B0BCBE) contains.

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# **Color**

**Hex(B0BCBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BCBE
RGB	176, 188, 190
RGB Percent	69%, 74%, 75%
CMY	0.3098, 0.2627, 0.2549
CMYK	0.07, 0.01, 0.00, 0.25
HSL	189°, 10%, 72%
HSV	189°, 7%, 75%
XYZ	45.1820, 48.9143, 55.7752
YIQ	184.6400, -7.7940, -1.9220

# Conversions

## Conversions Part 2

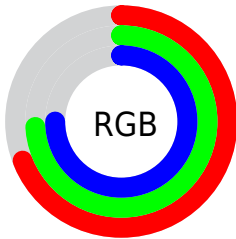
Format	Color
<a href="#">RYB</a>	<a href="#">176, 182, 190</a>
Decimal	<a href="#">11582654</a>
CIELab	<a href="#">75.40, -3.73, -2.44</a>
CIELCh	<a href="#">75, 4.463, 213.197</a>
Yxy	<a href="#">48.9143, 0.3015, 0.3264</a>
Android (android.graphics.Color)	<a href="#">4289772734 (0xFFB0BCBE)</a>
YUV	<a href="#">184.6400, 2.6425, -7.5773</a>
Hunter-Lab	<a href="#">69.9387, -7.0778, 1.6741</a>

# Details

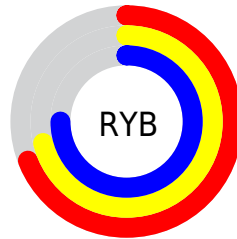
The Hex color **B0BCBE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BEB2B0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E8F4F6**, and **7B8789** is the 20% darker color. If you saturate the color by 10%, you get **9DB9BE**, and if you desaturate by 10%, it is **C3BFBE**.

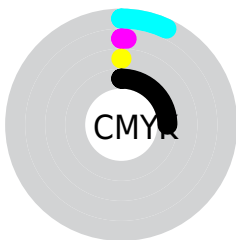
# Distribution



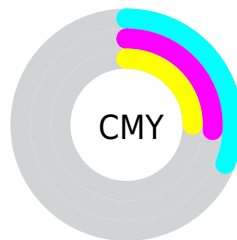
- Red (69%)
- Green (74%)
- Blue (75%)



- Red (69%)
- Yellow (71%)
- Blue (75%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (26%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BCBE 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 B0BCBE by changing the saturation by 10% instead.



 B0BCBE

 B0BCBE

FFFFFF

 95A1A3

 E8F4F6

 7B8789

 636E6F

 4B5557

 343E40

 1F282A

 071415

 000000

 B0BCBE

 B0BCBE

9DB9BE

C3BFBE

8AB7BE

D6C1BE

77B4BE

E9C4BE

64B1BE

FCC7BE

51AEBE

FFCABE

3EACBE

FFCCBE

2BA9BE

FFCFBE

18A6BE

FFD2BE

05A4BE

FFD4BE

# Harmonies

## Analogous

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



B1BCBA



B0BCBE



B2BBC1

# Triad

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



B0BCBE



C0B7BD



BDBAB2

# Complementary

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



B0BCBE



BEB2B0

# 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.



C1B8B2



B0BCBE



C2B7B9

# Square

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



B0BCBE



BBB9C1



C3B7B5



B8BBB3

# Rectangle

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



**B0BCBE**



**B5BAC2**



**C3B7B5**



**BEB9B2**

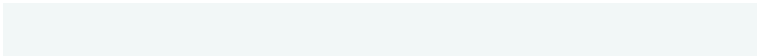


# Sweetspot

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



B0BCBE



F2F7F7



B0BEB2



7A7D7D



FCFCFC



7D7D7D



# Same Dimension

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



B0BCBE



E1F4F7



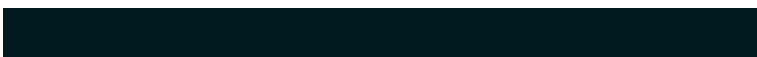
B0B5BE



555D5E



00889E



001A1F



# Inverse Universe

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



BEB0BC



F7E1F4



BEB9B0



5E555D



9E0088

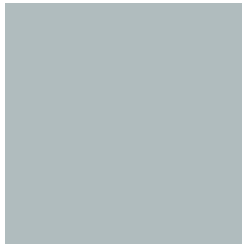


1F001A



# Previews

## White Background



This preview shows how the Hex color B0BCBE looks on a white background.

## Color Contrast Check

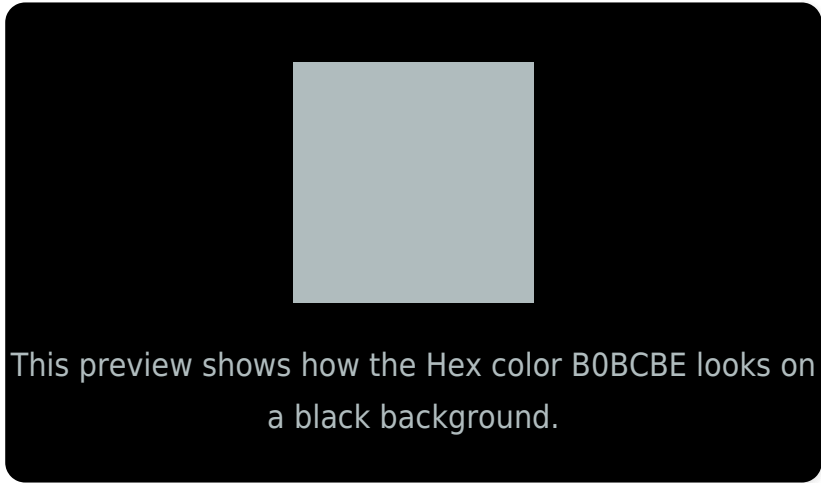
Large Text (above 18pt) WCAG AA × Fail

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

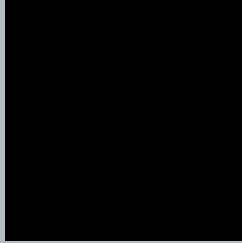
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

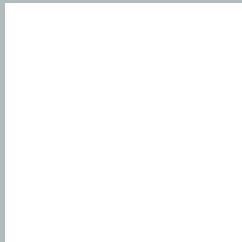
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BCBE Background



This preview shows how black text looks on a background with the Hex color B0BCBE.



This preview shows how white text looks on a background with the Hex color B0BCBE.

# 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



**Original Color**  
B0BCBE

**Protanomaly**  
B8BABD

**Deuteranomaly**  
C0B7BF

**Tritanomaly**  
B1BBC5

# Monochromacy



**Original Color**  
B0BCBE

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B6BABB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BCBE 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 #B0BCBE looks like.

```
.text, #text, p{  
    color:#B0BCBE  
}
```

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 #B0BCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BCBE
}
```

## Border

The CSS property to change the border of an element to Hex B0BCBE 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
#B0BCBE }
```

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

```
.border{ border-color:#B0BCBE }
```

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

Here you see how a box with a 4 pixel #B0BCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BCBE; -webkit-box-shadow:4px 4px  
4px 4px #B0BCBE; box-shadow:4px 4px 4px  
4px #B0BCBE }
```

# Background

The CSS property to change the background color of an element to Hex B0BCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BCBE }
```

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

```
.background{ background-color:#B0BCBE }
```

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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