

# Converting Colors

Hex(B0BEC3)

Have a look what the booklet for  
Hex(B0BEC3) contains.

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# **Color**

**Hex(B0BEC3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B0BEC3                     |
| RGB         | 176, 190, 195              |
| RGB Percent | 69%, 75%, 76%              |
| CMY         | 0.3098, 0.2549, 0.2353     |
| CMYK        | 0.10, 0.03, 0.00, 0.24     |
| HSL         | 196°, 14%, 73%             |
| HSV         | 196°, 10%, 76%             |
| XYZ         | 46.1683, 49.9971, 58.8468  |
| YIQ         | 186.3840, -9.9490, -1.4130 |

# Conversions

## Conversions Part 2

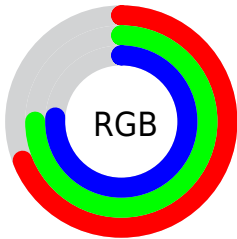
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">176, 184, 195</a>               |
| Decimal                             | <a href="#">11583171</a>                    |
| CIELab                              | <a href="#">76.07, -3.80, -4.17</a>         |
| CIElCh                              | <a href="#">76, 5.646, 227.677</a>          |
| Yxy                                 | <a href="#">49.9971, 0.2978, 0.3225</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289773251<br/>(0xFFB0BEC3)</a> |
| YUV                                 | <a href="#">186.3840, 4.2477, -9.1068</a>   |
| Hunter-Lab                          | <a href="#">70.7087, -7.1910, 0.1523</a>    |

# Details

The Hex color **B0BEC3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C3B5B0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E8F6FC**, and **7B898D** is the 20% darker color. If you saturate the color by 10%, you get **9DB9C3**, and if you desaturate by 10%, it is **C3C3C3**.

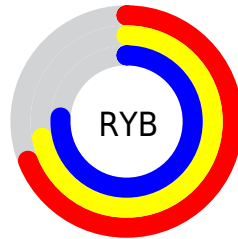
# Distribution



Red (69%)

Green (75%)

Blue (76%)



Red (69%)

Yellow (72%)

Blue (76%)

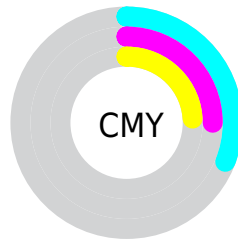


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (25%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BEC3 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 B0BEC3 by changing the saturation by 10% instead.



 B0BEC3

 B0BEC3

FFFFFF

 95A3A8

 E8F6FC

 7B898D

 626F74

 4A575B

 344044

 1E2A2E

 071519

 000000

 B0BEC3

 B0BEC3

9DB9C3

C3C3C3

89B4C3

D7C8C3

76AFC3

EBCDC3

62A9C3

FED3C3

4FA4C3

FFD8C3

3B9FC3

FFDDC3

289AC3

FFE2C3

1495C3

FFE7C3

0190C3

FFECC3

# Harmonies

## Analogous

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



AFBFBE



B0BEC3



B4BDC6

# Triad

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



B0BEC3



C5B8BE



BDBC2

# Complementary

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



B0BEC3



C3B5B0

# 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.



C2BAB1



B0BEC3



C7B8B9

# Square

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



B0BEC3



C0B9C3



C6B9B4



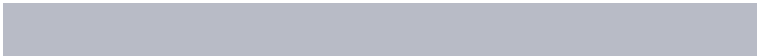
B7BEB4

# Rectangle

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



B0BEC3



B8BBC6



C6B9B4



BFBCB1

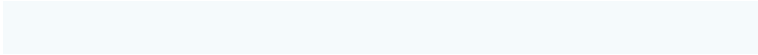


# Sweetspot

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



B0BEC3



F5FAFC



B0C3B5



7A7E80



000000



808080

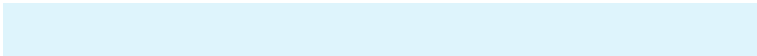


# Same Dimension

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



B0BEC3



DEF4FC



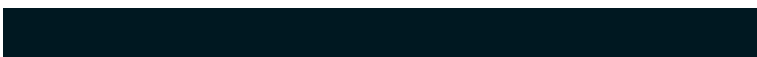
B0B5C3



575E61



0076A1



001821



# Inverse Universe

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



C3B0BE



FCDEF4



C3BEB0



61575E



A10076

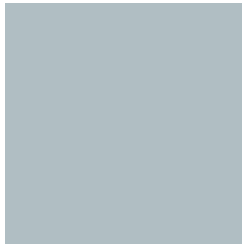


210018



# Previews

## White Background



This preview shows how the Hex color B0BEC3 looks on a white background.

## Color Contrast Check

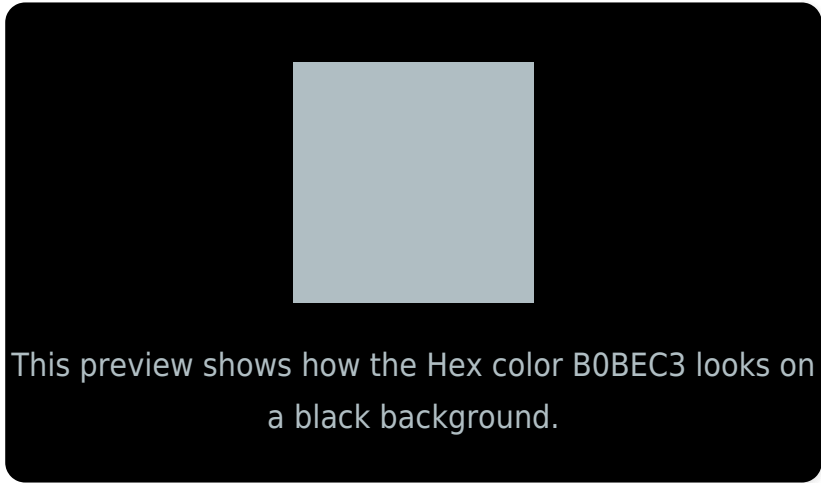
Large Text (above 18pt) WCAG AA × Fail

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

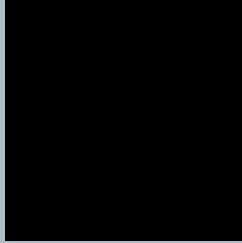
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

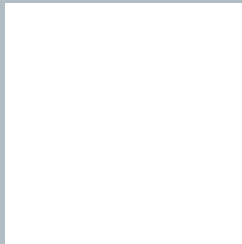
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BEC3 Background



This preview shows how black text looks on a background with the Hex color B0BEC3.



This preview shows how white text looks on a background with the Hex color B0BEC3.

# 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



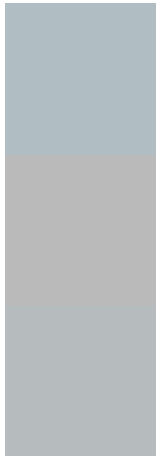
**Original Color**  
B0BEC3

**Protanomaly**  
B8BBC2

**Deuteranomaly**  
C0B9C4

**Tritanomaly**  
B1BDC9

# Monochromacy



**Original Color**  
B0BEC3

**Achromatopsia**  
BABABA

**Achromatomaly**  
B6BBBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BEC3 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 #B0BEC3 looks like.

```
.text, #text, p{  
    color:#B0BEC3  
}
```

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 #B0BEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BEC3  
}
```

## Border

The CSS property to change the border of an element to Hex B0BEC3 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  
#B0BEC3 }
```

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

```
.border{ border-color:#B0BEC3 }
```

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

Here you see how a box with a 4 pixel #B0BEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BEC3; -webkit-box-shadow:4px 4px  
4px 4px #B0BEC3; box-shadow:4px 4px 4px  
4px #B0BEC3 }
```

# Background

The CSS property to change the background color of an element to Hex B0BEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BEC3 }
```

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

```
.background{ background-color:#B0BEC3 }
```

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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