

Converting Colors

Hex(B0BEC4)

Have a look what the booklet for
Hex(B0BEC4) contains.

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Color

Hex(B0BEC4)

Conversions

Conversions Part 1

Format	Color
Hex	B0BEC4
RGB	176, 190, 196
RGB Percent	69%, 75%, 77%
CMY	0.3098, 0.2549, 0.2314
CMYK	0.10, 0.03, 0.00, 0.23
HSL	198°, 14%, 73%
HSV	198°, 10%, 77%
XYZ	46.2818, 50.0425, 59.4444
YIQ	186.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

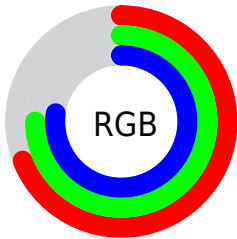
Format	Color
R _Y B	176, 184, 196
Decimal	11583172
CIE Lab	76.10, -3.60, -4.68
CIE LCh	76, 5.901, 232.410
Yxy	50.0425, 0.2971, 0.3213
Android (android.graphics.Color)	4289773252 (0xFFB0BEC4)
YUV	186.4980, 4.6845, -9.2067
Hunter-Lab	70.7408, -7.0136, -0.3037

Details

The Hex color **B0BEC4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C4B6B0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E8F6FD**, and **7B898E** is the 20% darker color. If you saturate the color by 10%, you get **9CB8C4**, and if you desaturate by 10%, it is **C4C4C4**.

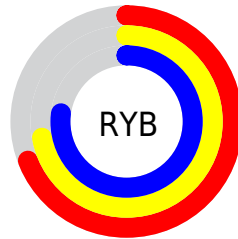
Distribution



Red (69%)

Green (75%)

Blue (77%)



Red (69%)

Yellow (72%)

Blue (77%)

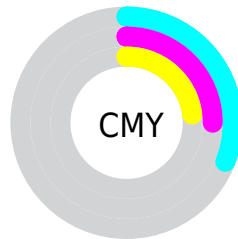


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BEC4 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 B0BEC4 by changing the saturation by 10% instead.

 B0BEC4

 B0BEC4

FFFFFF

 95A3A9

 E8F6FD

 7B898E

 626F75

 4A575C

 344045

 1E2A2E

 07151A

 000000

 B0BEC4

 B0BEC4

9CB8C4

C4C4C4

89B2C4

D7CAC4

75ACC4

EBD0C4

62A6C4

FED6C4

4EA1C4

FFDBC4

3A9BC4

FFE1C4

2795C4

FFE7C4

138FC4

FFEDC4

0089C4

FFF3C4

Harmonies

Analogous

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



AFBFC0



B0BEC4



B5BCC6

Triad

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



B0BEC4



C6B8BD



BCBDB2

Complementary

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



B0BEC4



C4B6B0

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.



C2BBB1



B0BEC4



C8B8B8

Square

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



B0BEC4



C2B9C2



C6B9B3



B5BEB5

Rectangle

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



B0BEC4



B9BBC6



C6B9B3



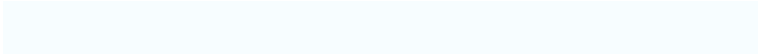
BEBCB1

Sweetspot

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



B0BEC4



F7FDFF



B0C4B6



7A7E80



000000



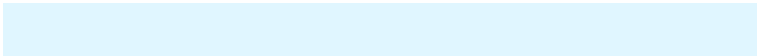
808080

Same Dimension

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



B0BEC4



E0F6FF



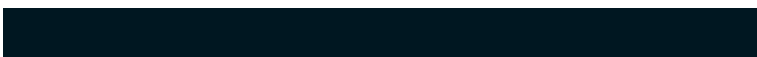
B0B4C4



575E61



0070A1



001721

Inverse Universe

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



C4B0BE



FFE0F6



C4C0B0



61575E



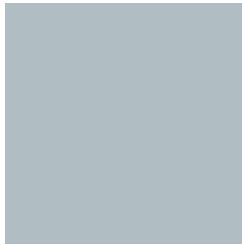
A10070



210017

Previews

White Background



This preview shows how the Hex color B0BEC4 looks on a white background.

Color Contrast Check

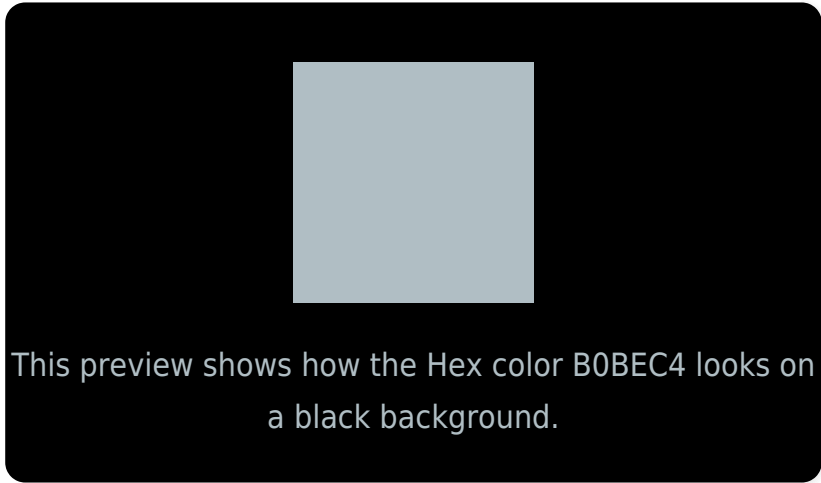
Large Text (above 18pt) WCAG AA × Fail

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

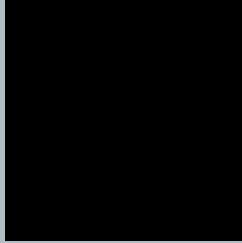
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

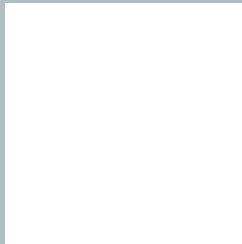
Any Text WCAG AAA ✓ Pass

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

Hex B0BEC4 Background



This preview shows how black text looks on a background with the Hex color B0BEC4.



This preview shows how white text looks on a background with the Hex color B0BEC4.

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



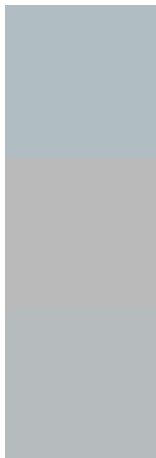
Original Color
B0BEC4

Protanomaly
B8BBC3

Deuteranomaly
C0B9C5

Tritanomaly
B1BDC9

Monochromacy



Original Color
B0BEC4

Achromatopsia
BABABA

Achromatomaly
B6BBBE

CSS Examples

Text

The CSS property to change the color of the text to Hex B0BEC4 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 #B0BEC4 looks like.

```
.text, #text, p{  
    color:#B0BEC4  
}
```

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 #B0BEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BEC4
}
```

Border

The CSS property to change the border of an element to Hex B0BEC4 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
#B0BEC4 }
```

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

```
.border{ border-color:#B0BEC4 }
```

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

Here you see how a box with a 4 pixel #B0BEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BEC4; -webkit-box-shadow:4px 4px  
4px 4px #B0BEC4; box-shadow:4px 4px 4px  
4px #B0BEC4 }
```

Background

The CSS property to change the background color of an element to Hex B0BEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BEC4 }
```

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

```
.background{ background-color:#B0BEC4 }
```

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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