

Converting Colors

Hex(B0BEC2)

Have a look what the booklet for
Hex(B0BEC2) contains.

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Color

Hex(B0BEC2)

Conversions

Conversions Part 1

Format	Color
Hex	B0BEC2
RGB	176, 190, 194
RGB Percent	69%, 75%, 76%
CMY	0.3098, 0.2549, 0.2392
CMYK	0.09, 0.02, 0.00, 0.24
HSL	193°, 13%, 73%
HSV	193°, 9%, 76%
XYZ	46.0556, 49.9521, 58.2533
YIQ	186.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

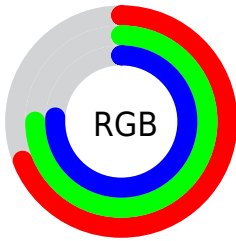
Format	Color
R _Y B	176, 184, 194
Decimal	11583170
CIE Lab	76.04, -4.00, -3.67
CIE LCh	76, 5.432, 222.540
Yxy	49.9521, 0.2986, 0.3238
Android (android.graphics.Color)	4289773250 (0xFFB0BEC2)
YUV	186.2700, 3.8109, -9.0068
Hunter-Lab	70.6768, -7.3673, 0.6057

Details

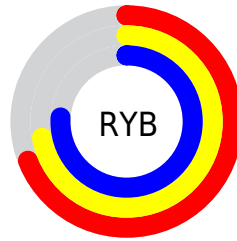
The Hex color **B0BEC2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C2B4B0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E8F6FA**, and **7B898C** is the 20% darker color. If you saturate the color by 10%, you get **9DBAC2**, and if you desaturate by 10%, it is **C3C2C2**.

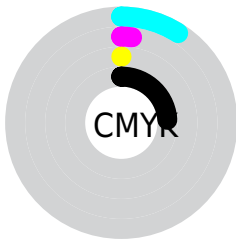
Distribution



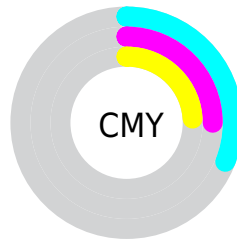
- Red (69%)
- Green (75%)
- Blue (76%)



- Red (69%)
- Yellow (72%)
- Blue (76%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BEC2 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 B0BEC2 by changing the saturation by 10% instead.

 B0BEC2

 B0BEC2

FFFFFF

 95A3A7

 E8F6FA

 7B898C

 626F73

 4A575A

 344043

 1E2A2D

 071518

 000000

 B0BEC2

 B0BEC2

9DBAC2

C3C2C2

89B5C2

D7C7C2

76B1C2

EACBC2

62ADC2

FECFC2

4FA8C2

FFD4C2

3CA4C2

FFD8C2

28A0C2

FFDCC2

159CC2

FFE0C2

0197C2

FFE5C2

Harmonies

Analogous

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



B0BFBD



B0BEC2



B3BDC5

Triad

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



B0BEC2



C4B8BF



BEBCB2

Complementary

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



B0BEC2



C2B4B0

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.



C3BAB2



B0BEC2



C7B8B9

Square

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



B0BEC2



BFBAC3



C6B9B5



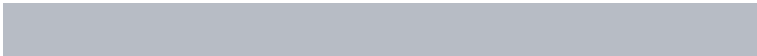
B8BDB4

Rectangle

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



B0BEC2



B7BCC5



C6B9B5



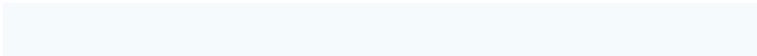
BFBBB1

Sweetspot

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



B0BEC2



F5FBFC



B0C2B4



7A7E80



000000



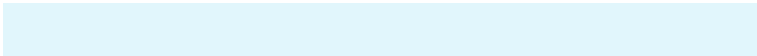
808080

Same Dimension

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



B0BEC2



E1F6FC



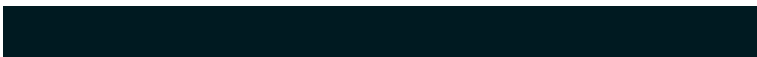
B0B5C2



575F61



007DA1



001A21

Inverse Universe

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



C2B0BE



FCE1F6



C2BDB0



61575F



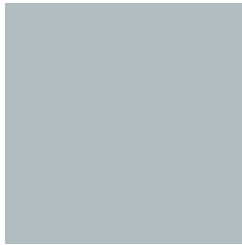
A1007D



21001A

Previews

White Background



This preview shows how the Hex color B0BEC2 looks on a white background.

Color Contrast Check

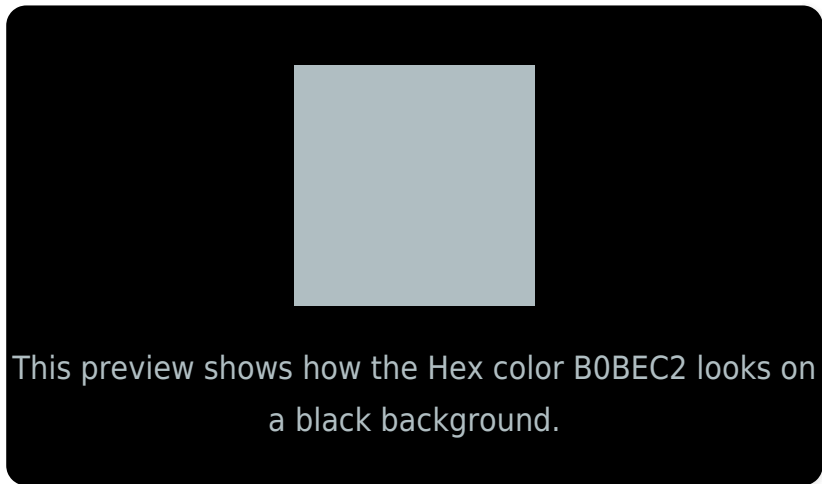
Large Text (above 18pt) WCAG AA × Fail

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

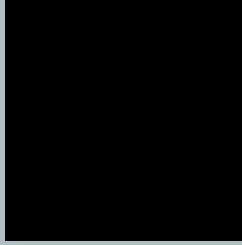
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

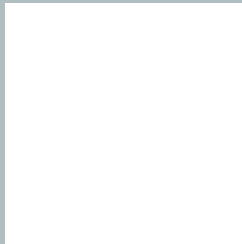
Any Text WCAG AAA ✓ Pass

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

Hex B0BEC2 Background



This preview shows how black text looks on a background with the Hex color B0BEC2.



This preview shows how white text looks on a background with the Hex color B0BEC2.

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



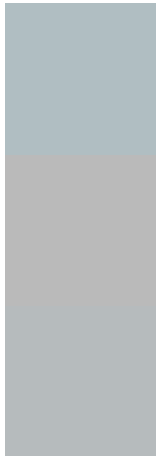
Original Color
B0BEC2

Protanomaly
B8BBC1

Deuteranomaly
C1B9C3

Tritanomaly
B1BDC8

Monochromacy



Original Color
B0BEC2

Achromatopsia
BABABA

Achromatomaly
B6BBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex B0BEC2 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 #B0BEC2 looks like.

```
.text, #text, p{  
    color:#B0BEC2  
}
```

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 #B0BEC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BEC2
}
```

Border

The CSS property to change the border of an element to Hex B0BEC2 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
#B0BEC2 }
```

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

```
.border{ border-color:#B0BEC2 }
```

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

Here you see how a box with a 4 pixel #B0BEC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BEC2; -webkit-box-shadow:4px 4px  
4px 4px #B0BEC2; box-shadow:4px 4px 4px  
4px #B0BEC2 }
```

Background

The CSS property to change the background color of an element to Hex B0BEC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BEC2 }
```

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

```
.background{ background-color:#B0BEC2 }
```

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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