

# Converting Colors

Hex(B0BFC2)

Have a look what the booklet for  
Hex(B0BFC2) contains.

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# **Color**

**Hex(B0BFC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BFC2
RGB	176, 191, 194
RGB Percent	69%, 75%, 76%
CMY	0.3098, 0.2510, 0.2392
CMYK	0.09, 0.02, 0.00, 0.24
HSL	190°, 13%, 73%
HSV	190°, 9%, 76%
XYZ	46.2729, 50.3868, 58.3257
YIQ	186.8570, -9.9030, -2.2470

# Conversions

## Conversions Part 2

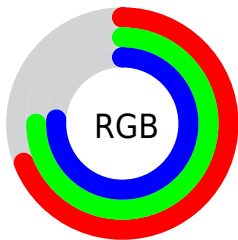
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 184, 194
Decimal	11583426
CIE <sub>Lab</sub>	76.31, -4.53, -3.28
CIE <sub>LCh</sub>	76, 5.595, 215.896
Yxy	50.3868, 0.2986, 0.3251
Android (android.graphics.Color)	4289773506 (0xFFB0BFC2)
YUV	186.8570, 3.5215, -9.5216
Hunter-Lab	70.9836, -7.8605, 0.9712

# Details

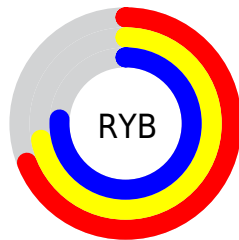
The Hex color **B0BFC2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C2B3B0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E8F7FA**, and **7B8A8C** is the 20% darker color. If you saturate the color by 10%, you get **9DBCC2**, and if you desaturate by 10%, it is **C3C2C2**.

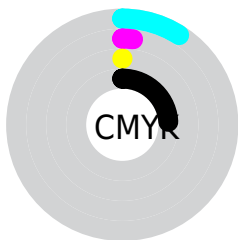
# Distribution



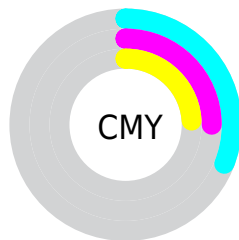
- Red (69%)
- Green (75%)
- Blue (76%)



- 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 B0BFC2 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 B0BFC2 by changing the saturation by 10% instead.



 B0BFC2

 B0BFC2

FFFFFF

 95A4A7

 E8F7FA

 7B8A8C

 627073

 4A585A

 344143

 1E2B2D

 071618

 000000

 B0BFC2

 B0BFC2

9DBCC2

C3C2C2

89B9C2

D7C5C2

76B5C2

EAC9C2

62B2C2

FEC9C2

4FAFC2

FFCFC2

3CACCC2

FFD2C2

28A8C2

FFD6C2

15A5C2

FFD9C2

01A2C2

FFDCC2

# Harmonies

## Analogous

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



B0BFBD



B0BFC2



B3BEC5

# Triad

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



B0BFC2



C4B9C0



C0BCB2

# Complementary

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



B0BFC2



C2B3B0

# 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.



C5BAB3



B0BFC2



C7B9BB

# Square

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



B0BFC2



BFBBC5



C7B9B6



BABEB4

# Rectangle

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



B0BFC2



B6BDC6



C7B9B6



C1BCB2

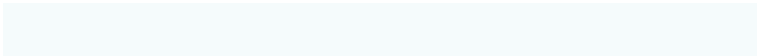


# Sweetspot

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



B0BFC2



F5FBFC



B0C2B3



7A7F80



000000



808080

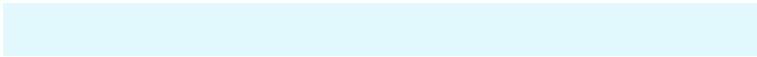


# Same Dimension

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



B0BFC2



E1F8FC



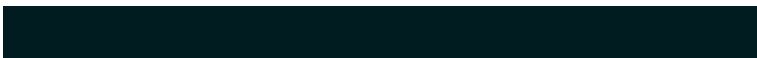
B0B6C2



575F61



0086A1



001C21



# Inverse Universe

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



C2B0BF



FCE1F8



C2BCB0



61575F



A10086



21001C



# Previews

## White Background



This preview shows how the Hex color B0BFC2 looks on a white background.

## Color Contrast Check

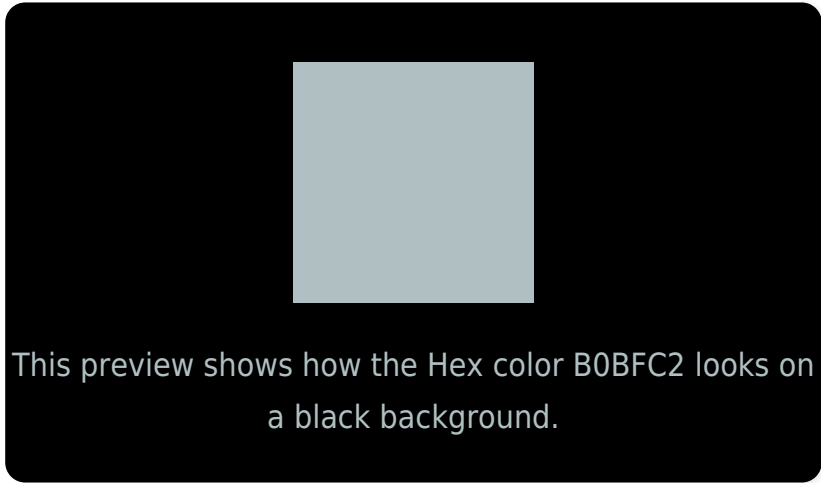
Large Text (above 18pt) WCAG AA × Fail

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

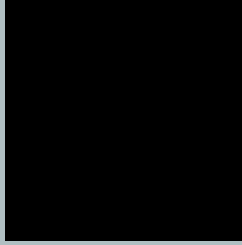
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

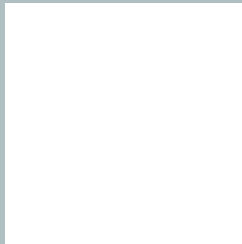
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0BFC2 Background



This preview shows how black text looks on a background with the Hex color B0BFC2.



This preview shows how white text looks on a background with the Hex color B0BFC2.

# 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



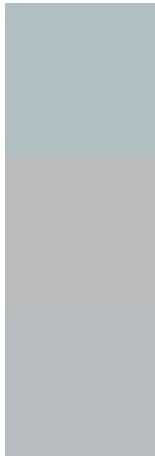
**Original Color**  
B0BFC2

**Protanomaly**  
B9BCC1

**Deuteranomaly**  
C1B9C3

**Tritanomaly**  
B1BEC8

# Monochromacy



**Original Color**  
B0BFC2

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
B7BCBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BFC2 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 #B0BFC2 looks like.

```
.text, #text, p{  
    color:#B0BFC2  
}
```

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 #B0BFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BFC2
}
```

## Border

The CSS property to change the border of an element to Hex B0BFC2 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
#B0BFC2 }
```

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

```
.border{ border-color:#B0BFC2 }
```

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

Here you see how a box with a 4 pixel #B0BFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BFC2; -webkit-box-shadow:4px 4px  
4px 4px #B0BFC2; box-shadow:4px 4px 4px  
4px #B0BFC2 }
```

# Background

The CSS property to change the background color of an element to Hex B0BFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BFC2 }
```

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

```
.background{ background-color:#B0BFC2 }
```

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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