

# Converting Colors

Hex(B0B2BD)

Have a look what the booklet for  
Hex(B0B2BD) contains.

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# Color

**Hex(B0B2BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B2BD
RGB	176, 178, 189
RGB Percent	69%, 70%, 74%
CMY	0.3098, 0.3020, 0.2588
CMYK	0.07, 0.06, 0.00, 0.26
HSL	231°, 9%, 72%
HSV	231°, 7%, 74%
XYZ	43.0102, 44.7450, 54.5139
YIQ	178.6560, -4.7230, 2.9970

# Conversions

## Conversions Part 2

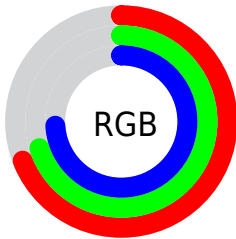
Format	Color
<a href="#">RYB</a>	<a href="#">176, 178, 189</a>
Decimal	<a href="#">11580093</a>
CIELab	<a href="#">72.72, 1.44, -5.84</a>
CIElCh	<a href="#">73, 6.013, 283.832</a>
Yxy	<a href="#">44.7450, 0.3023, 0.3145</a>
Android (android.graphics.Color)	<a href="#">4289770173 (0xFFB0B2BD)</a>
YUV	<a href="#">178.6560, 5.0996, -2.3293</a>
Hunter-Lab	<a href="#">66.8917, -2.2881, -1.4946</a>

# Details

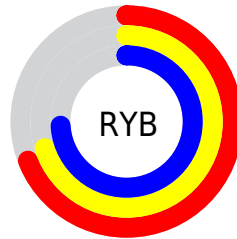
The Hex color **B0B2BD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDBBB0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8EAF5**, and **7B7D88** is the 20% darker color. If you saturate the color by 10%, you get **9DA2BD**, and if you desaturate by 10%, it is **C3C2BD**.

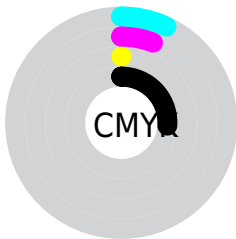
# Distribution



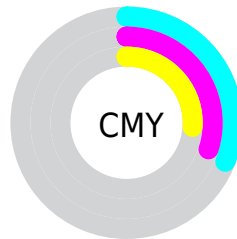
- Red (69%)
- Green (70%)
- Blue (74%)



- Red (69%)
- Yellow (70%)
- Blue (74%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (30%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0B2BD 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 B0B2BD by changing the saturation by 10% instead.



■ B0B2BD

■ B0B2BD

FFFFFF

■ 9597A2

■ E8EAF5

■ 7B7D88

■ 63646E

■ 4B4D56

■ 34363F

■ 1F2129

■ 070915

■ 000000

■ B0B2BD

■ B0B2BD

9DA2BD

C3C2BD

8A92BD

D6D2BD

7782BD

E9E2BD

6472BD

FCF2BD

5262BD

FFFFBD

3F52BD

2C42BD

1932BD

0622BD

# Harmonies

## Analogous

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



AAB4BD



B0B2BD



B7B0BA

# Triad

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



B0B2BD



BE00AB



A8B6AF

# Complementary

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



B0B2BD



BDBBB0

# 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.



AEB4AA



B0B2BD



BAB1A8

# Square

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



B0B2BD



BFAFB0



B4B3A8



A5B6B5

# Rectangle

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



**B0B2BD**



**BAAF7**



**B4B3A8**



**AAB5AD**



# Sweetspot

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



B0B2BD



F0F1F5



B0BDBB



78787A



FAFAFA



7A7A7A



# Same Dimension

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



B0B2BD



E1E4F5



B4B0BD



55565E



00189E



00051F



# Inverse Universe

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



BDB0B2



F5E1E4



B9BDB0



5E5556



9E0018

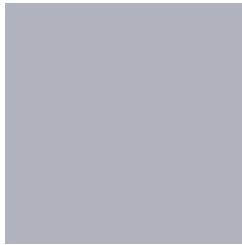


1F0005



# Previews

## White Background



This preview shows how the Hex color B0B2BD looks on a white background.

## Color Contrast Check

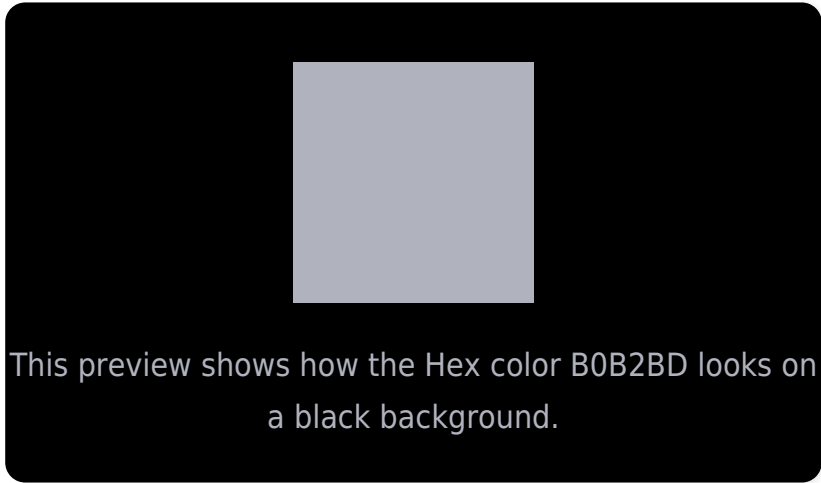
Large Text (above 18pt) WCAG AA × Fail

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

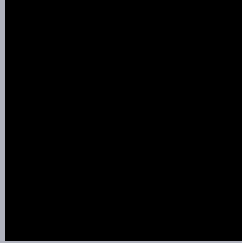
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

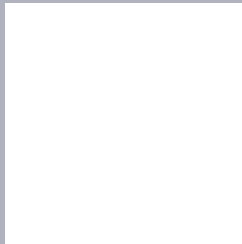
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0B2BD Background



This preview shows how black text looks on a background with the Hex color B0B2BD.



This preview shows how white text looks on a background with the Hex color B0B2BD.

# 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



**Original Color**  
B0B2BD

**Protanopia**  
B3B1BD

**Deuteranopia**  
BEADBE



**Tritanopia**  
B0B2C0

# Trichromacy



**Original Color**  
B0B2BD

**Protanomaly**  
B2B1BD

**Deuteranomaly**  
B9AFBE

**Tritanomaly**  
B0B2BF

# Monochromacy



**Original Color**  
B0B2BD

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B2B3B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0B2BD 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 #B0B2BD looks like.

```
.text, #text, p{  
    color:#B0B2BD  
}
```

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 #B0B2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B2BD
}
```

## Border

The CSS property to change the border of an element to Hex B0B2BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

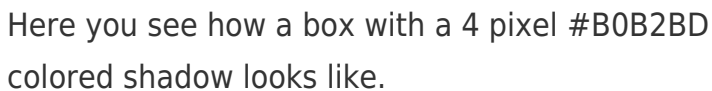
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0B2BD }
```

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

```
.border{ border-color:#B0B2BD }
```

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



Here you see how a box with a 4 pixel #B0B2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B2BD; -webkit-box-shadow:4px 4px  
4px 4px #B0B2BD; box-shadow:4px 4px 4px  
4px #B0B2BD }
```

# Background

The CSS property to change the background color of an element to Hex B0B2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B2BD }
```

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

```
.background{ background-color:#B0B2BD }
```

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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