

Converting Colors

Hex(B0B4B7)

Have a look what the booklet for
Hex(B0B4B7) contains.

Hex(B0B4B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0B4B7)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4B7
RGB	176, 180, 183
RGB Percent	69%, 71%, 72%
CMY	0.3098, 0.2941, 0.2824
CMYK	0.04, 0.02, 0.00, 0.28
HSL	206°, 5%, 70%
HSV	206°, 4%, 72%
XYZ	42.7730, 45.2915, 51.2875
YIQ	179.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

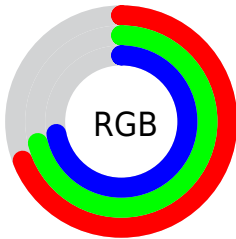
Format	Color
RYB	176, 179, 183
Decimal	11580599
CIELab	73.08, -0.82, -2.02
CIELCh	73, 2.181, 247.917
Yxy	45.2915, 0.3069, 0.3250
Android (android.graphics.Color)	4289770679 (0xFFB0B4B7)
YUV	179.1460, 1.9000, -2.7590
Hunter-Lab	67.2990, -4.3245, 1.9253

Details

The Hex color **B0B4B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B3B0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8ECEF**, and **7C7F82** is the 20% darker color. If you saturate the color by 10%, you get **9EACB7**, and if you desaturate by 10%, it is **C2BCB7**.

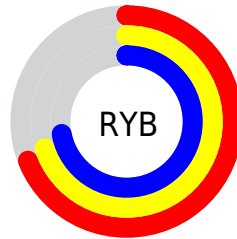
Distribution



Red (69%)

Green (71%)

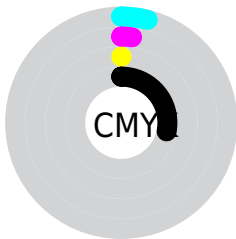
Blue (72%)



Red (69%)

Yellow (70%)

Blue (72%)

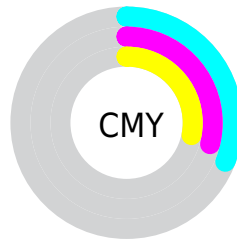


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B4B7 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 B0B4B7 by changing the saturation by 10% instead.

 B0B4B7

 B0B4B7

FFFFFF

 95999C

 E8ECEF

 7C7F82

 636669

 4B4E51

 34383A

 1F2224

 070C0F

 000000

 B0B4B7

 B0B4B7

9EACB7

C2BCB7

8BA4B7

D5C4B7

799CB7

E7CCB7

6795B7

F9D3B7

558DB7

FFDBB7

4285B7

FFE3B7

307DB7

FFEBB7

1E75B7

FFF3B7

0B6DB7

FFFBB7

Harmonies

Analogous

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



AFB4B6



B0B4B7



B2B3B7

Triad

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



B0B4B7



B8B2B3



B2B4B0

Complementary

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



B0B4B7



B7B3B0

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.



B5B3AF



B0B4B7



B8B2B1

Square

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



B0B4B7



B7B2B5



B7B3B0



B0B4B2

Rectangle

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



B0B4B7



B4B3B7



B7B3B0



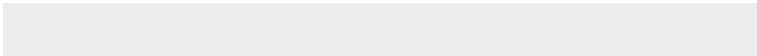
B3B4B0

Sweetspot

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



B0B4B7



EBECED



B0B7B3



777778



F7F7F7



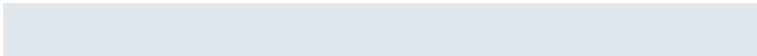
787878

Same Dimension

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



B0B4B7



E1E8ED



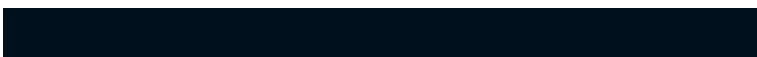
B0B1B7



56595C



00599C



00101C

Inverse Universe

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



B7B0B4



EDE1E8



B7B6B0



5C5659



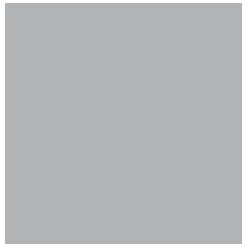
9C0059



1C0010

Previews

White Background



This preview shows how the Hex color B0B4B7 looks on a white background.

Color Contrast Check

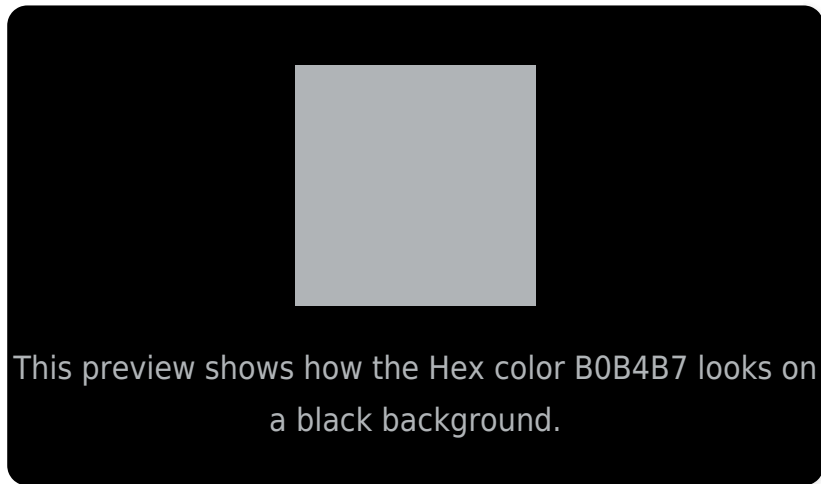
Large Text (above 18pt) WCAG AA × Fail

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

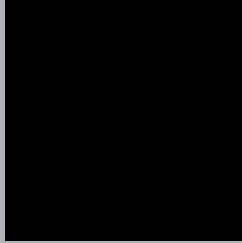
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

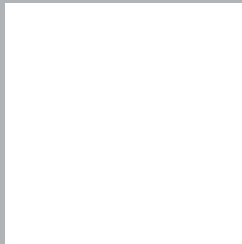
Any Text WCAG AAA ✓ Pass

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

Hex B0B4B7 Background



This preview shows how black text looks on a background with the Hex color B0B4B7.

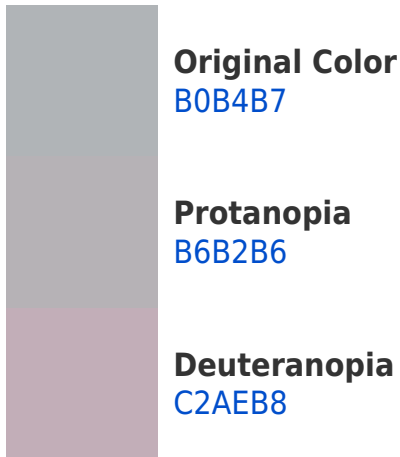


This preview shows how white text looks on a background with the Hex color B0B4B7.

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





Tritanopia
B2B2C1

Trichromacy



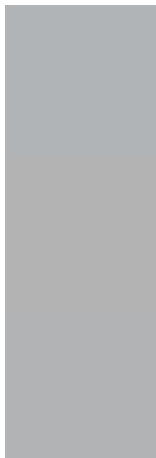
Original Color
B0B4B7

Protanomaly
B4B3B6

Deuteranomaly
BBB0B8

Tritanomaly
B1B3BD

Monochromacy



Original Color
B0B4B7

Achromatopsia
B3B3B3

Achromatomaly
B2B3B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B4B7 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 #B0B4B7 looks like.

```
.text, #text, p{  
    color:#B0B4B7  
}
```

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 #B0B4B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B4B7
}
```

Border

The CSS property to change the border of an element to Hex B0B4B7 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
#B0B4B7 }
```

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

```
.border{ border-color:#B0B4B7 }
```

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

Here you see how a box with a 4 pixel #B0B4B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B4B7; -webkit-box-shadow:4px 4px  
4px 4px #B0B4B7; box-shadow:4px 4px 4px  
4px #B0B4B7 }
```

Background

The CSS property to change the background color of an element to Hex B0B4B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B4B7 }
```

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

```
.background{ background-color:#B0B4B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor