

Converting Colors

Hex(B0BBD3)

Have a look what the booklet for
Hex(B0BBD3) contains.

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Color

Hex(B0BBD3)

Conversions

Conversions Part 1

Format	Color
Hex	B0BBD3
RGB	176, 187, 211
RGB Percent	69%, 73%, 83%
CMY	0.3098, 0.2667, 0.1725
CMYK	0.17, 0.11, 0.00, 0.17
HSL	221°, 28%, 76%
HSV	221°, 17%, 83%
XYZ	47.4327, 49.4739, 68.6775
YIQ	186.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

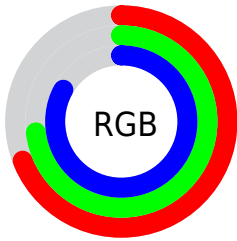
Format	Color
RYB	176, 184, 211
Decimal	11582419
CIELab	75.75, 1.14, -13.34
CIElCh	76, 13.388, 274.901
Yxy	49.4739, 0.2865, 0.2988
Android (android.graphics.Color)	4289772499 (0xFFB0BBD3)
YUV	186.4470, 12.1046, -9.1620
Hunter-Lab	70.3377, -2.7183, -8.6542

Details

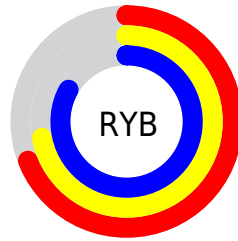
The Hex color **B0BBD3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3C8B0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E8F3FF**, and **7B869C** is the 20% darker color. If you saturate the color by 10%, you get **9BADD3**, and if you desaturate by 10%, it is **C5C9D3**.

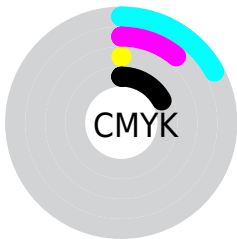
Distribution



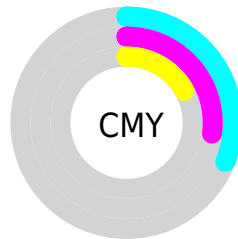
- Red (69%)
- Green (73%)
- Blue (83%)



- Red (69%)
- Yellow (72%)
- Blue (83%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BBD3 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 B0BBD3 by changing the saturation by 10% instead.

■ B0BBD3

■ B0BBD3

FFFFFF

■ 95A0B7

■ E8F3FF

■ 7B869C

■ 626D82

■ 4A5469

■ 333D51

■ 1C283A

■ 061324

■ 00010E

■ 000000

 B0BBD3

 B0BBD3

 9BADD3

 C5C9D3

 869ED3

 DAD8D3

 7190D3


 EFE6D3

 5C81D3

 FFF5D3

 4773D3

 FFFF D3

 3164D3

 1C56D3

 0747D3

 0042D3

Harmonies

Analogous

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



A2BFD1



B0BBD3



C0B7CF

Triad

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



B0BBD3



D5B3AD



A7C1B0

Complementary

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



B0BBD3



D3C8B0

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.



B5BEA6



B0BBD3



CEB6A5

Square

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



B0BBD3



D4B2B9



C3BAA2



9EC2BC

Rectangle

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



B0BBD3



C9B5C9



C3BAA2



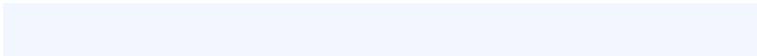
ABC0AC

Sweetspot

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



B0BBD3



F2F6FF



B0D3C8



787A80



000000



808080

Same Dimension

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



B0BBD3



CCDCFF



B6B0D3



5E6169



0035A8



000D29

Inverse Universe

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



D3B0BB



FFCCDC



CDD3B0



695E61



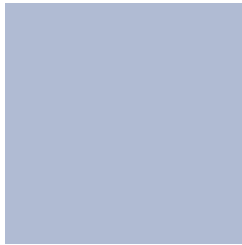
A80035



29000D

Previews

White Background



This preview shows how the Hex color B0BBD3 looks on a white background.

Color Contrast Check

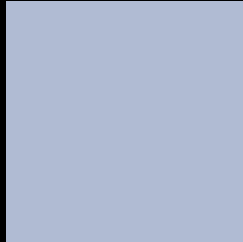
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B0BBD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

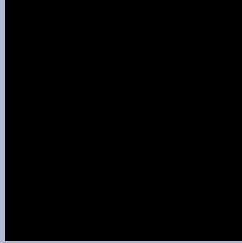
Any Text WCAG AA ✓ Pass

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 B0BBD3 Background



This preview shows how black text looks on a background with the Hex color B0BBD3.



This preview shows how white text looks on a background with the Hex color B0BBD3.

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
B0BBD3

Protanopia
B7B9D2

Deuteranopia
C1B6D4

Trichromacy



Original Color
B0BBD3

Protanomaly
B4BAD2

Deuteranomaly
BBB8D4

Tritanomaly
AFBCCE

Monochromacy



Original Color
B0BBD3

Achromatopsia
BABABA

Achromatomaly
B6BAC3

CSS Examples

Text

The CSS property to change the color of the text to Hex B0BBD3 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 #B0BBD3 looks like.

```
.text, #text, p{  
    color:#B0BBD3  
}
```

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 #B0BBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BBD3  
}
```

Border

The CSS property to change the border of an element to Hex B0BBD3 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  
#B0BBD3 }
```

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

```
.border{ border-color:#B0BBD3 }
```

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

Here you see how a box with a 4 pixel #B0BBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BBD3; -webkit-box-shadow:4px 4px  
4px 4px #B0BBD3; box-shadow:4px 4px 4px  
4px #B0BBD3 }
```

Background

The CSS property to change the background color of an element to Hex B0BBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BBD3 }
```

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

```
.background{ background-color:#B0BBD3 }
```

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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