

Converting Colors

Hex(B0BBB0)

Have a look what the booklet for
Hex(B0BBBB0) contains.

Hex(B0BBBB0)	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(B0BBB0)

Conversions

Conversions Part 1

Format	Color
Hex	B0BBB0
RGB	176, 187, 176
RGB Percent	69%, 73%, 69%
CMY	0.3098, 0.2667, 0.3098
CMYK	0.06, 0.00, 0.06, 0.27
HSL	120°, 7%, 71%
HSV	120°, 6%, 73%
XYZ	43.5113, 47.9053, 48.0277
YIQ	182.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

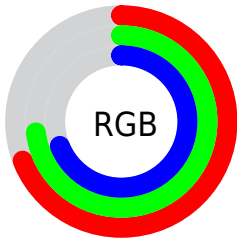
Format	Color
RYB	176, 187, 187
Decimal	11582384
CIELab	74.77, -5.88, 4.25
CIELCh	75, 7.251, 144.143
Yxy	47.9053, 0.3120, 0.3435
Android (android.graphics.Color)	4289772464 (0xFFB0BBB0)
YUV	182.4570, -3.1833, -5.6628
Hunter-Lab	69.2137, -8.9096, 7.3080

Details

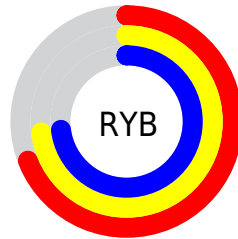
The Hex color **B0BBB0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBB0BB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E8F3E8**, and **7C867C** is the 20% darker color. If you saturate the color by 10%, you get **9DBB9D**, and if you desaturate by 10%, it is **C3BBC3**.

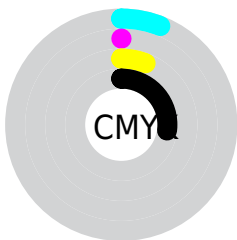
Distribution



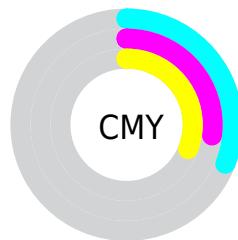
- Red (69%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B0BBB0 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 B0BBB0 by changing the saturation by 10% instead.

 B0BBBB0

 B0BBBB0

FFFFFFF

 95A095

 E8F3E8

 7C867C

 636D63

 4B544B

 343D34

 1F271F

 071307

 000000

 B0BBBB0

 B0BBBB0

 9DBB9D

 C3BBC3

 8BBB8B

 D5BBD5

 78BB78

 E8BBE8

 65BB65

 FB BBFB

 53BB53

 FF BBFF

 40BB40

 2DBB2D

 1ABB1A

 08BB08

Harmonies

Analogous

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



B8B9AC



B0BBB0



AABC66

Triad

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



B0BBB0



B0B9C5



C7B4B3

Complementary

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



B0BBB0



BBB0BB

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.



C5B4BA



B0BBB0



B8B7C4

Square

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



B0BBB0



AABBC3



C0B5C0



C5B5AD

Rectangle

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



B0BBB0



A8BCBB



C0B5C0



C7B4B5

Sweetspot

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



B0BBB0



EDF2ED



BBBBB0



787A78



FAFAFA



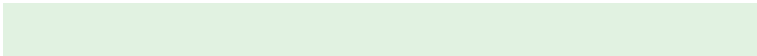
7A7A7A

Same Dimension

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



B0BBB0



E1F2E1



B0BBB5



575E57



009E00



001F00

Inverse Universe

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



BBB0BB



F2E1F2



BBB0B5



5E575E



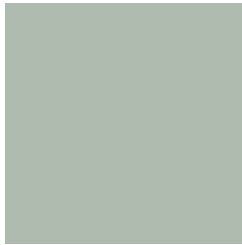
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color B0BBB0 looks on a white background.

Color Contrast Check

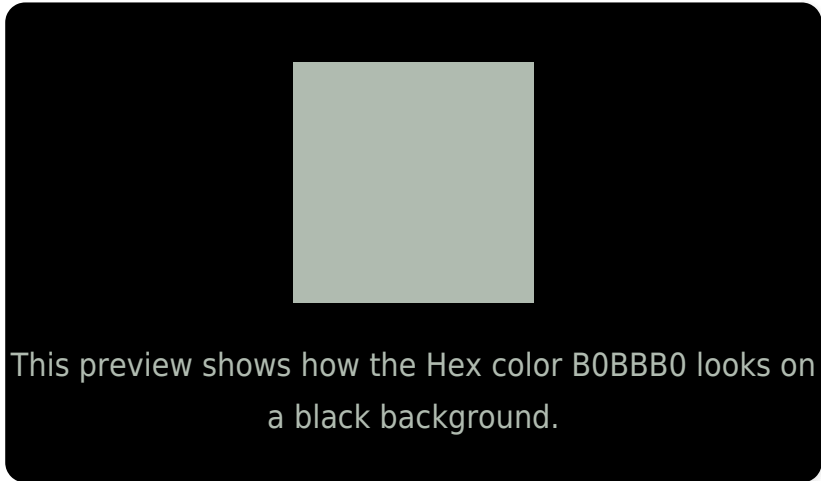
Large Text (above 18pt) WCAG AA × Fail

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

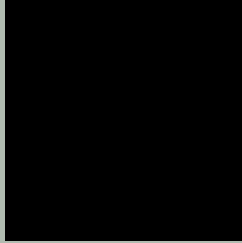
Any Text WCAG AA ✓ Pass

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 B0BBB0 Background



This preview shows how black text looks on a background with the Hex color B0BBB0.



This preview shows how white text looks on a background with the Hex color B0BBB0.

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](#).

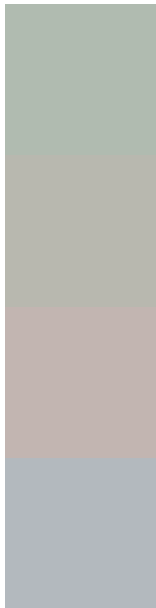
Dichromacy





Tritanopia
B4B8C6

Trichromacy



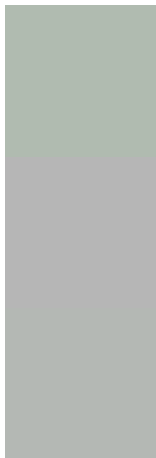
Original Color
B0BBB0

Protanomaly
B8B8AF

Deuteranomaly
C2B5B1

Tritanomaly
B3B9BE

Monochromacy



Original Color
B0BBB0

Achromatopsia
B6B6B6

Achromatomaly
B4B8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0BBB0 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 #B0BBB0 looks like.

```
.text, #text, p{  
    color:#B0BBB0  
}
```

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 #B0BBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BBB0
}
```

Border

The CSS property to change the border of an element to Hex B0BBB0 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
#B0BBB0 }
```

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

```
.border{ border-color:#B0BBB0 }
```

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

Here you see how a box with a 4 pixel #B0BBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BBB0; -webkit-box-shadow:4px 4px  
4px 4px #B0BBB0; box-shadow:4px 4px 4px  
4px #B0BBB0 }
```

Background

The CSS property to change the background color of an element to Hex B0BBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BBB0 }
```

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

```
.background{ background-color:#B0BBB0 }
```

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