

# Converting Colors

Hex(B5BCB0)

Have a look what the booklet for  
Hex(B5BCB0) contains.

<b>Hex(B5BCB0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B5BCB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BCB0
RGB	181, 188, 176
RGB Percent	71%, 74%, 69%
CMY	0.2902, 0.2627, 0.3098
CMYK	0.04, 0.00, 0.06, 0.26
HSL	95°, 8%, 71%
HSV	95°, 6%, 74%
XYZ	44.8757, 48.9248, 48.1525
YIQ	184.5390, -0.3200, -5.2160

# Conversions

## Conversions Part 2

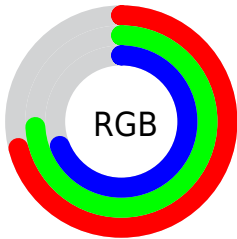
Format	Color
<a href="#">RYB</a>	<a href="#">176, 188, 183</a>
Decimal	<a href="#">11910320</a>
CIELab	<a href="#">75.40, -4.65, 5.22</a>
CIELCh	<a href="#">75, 6.987, 131.681</a>
Yxy	<a href="#">48.9248, 0.3161, 0.3447</a>
Android (android.graphics.Color)	<a href="#">4290100400 (0xFFB5BCB0)</a>
YUV	<a href="#">184.5390, -4.2097, -3.1037</a>
Hunter-Lab	<a href="#">69.9463, -7.8849, 8.1459</a>

# Details

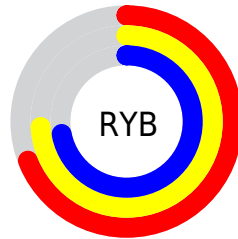
The Hex color **B5BCB0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B0BC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EDF4E8**, and **80877C** is the 20% darker color. If you saturate the color by 10%, you get **AABC9D**, and if you desaturate by 10%, it is **C0BCC3**.

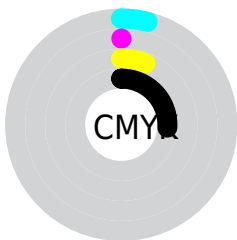
# Distribution



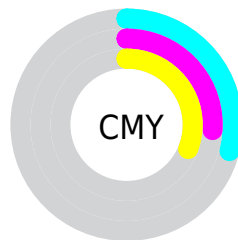
- Red (71%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BCB0 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 B5BCB0 by changing the saturation by 10% instead.



 B5BCB0

 B5BCB0

FFFFFF

 9AA195

 EDF4E8

 80877C

 676E63

 4F554B

 383E34

 23281F

 0D1407

 000000

 B5BCB0

 B5BCB0

 AABC9D

 C0BCC3

 9FBC8A

 CBBCD6

 94BC78

 D6BCE8

 89BC65

 E1BCFB

 7EBC52

 ECBCFF

 73BC3F

 F7BCFF

 68BC2C

 FFBCFF

 5DBC1A

 52BC07

# Harmonies

## Analogous

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



BDBAAD



B5BCB0



AEbdb5

# Triad

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



B5BCB0



AFBBC6



C8B5B7

# Complementary

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



B5BCB0



B7B0BC

# 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.



C5B6BE



B5BCB0



B6B9C6

# Square

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



B5BCB0



ABBDC2



BEB7C3



C7B6B1

# Rectangle

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



B5BCB0



ABBEBA



BEB7C3



C7B5BA



# Sweetspot

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



B5BCB0



F2F5F0



BCB7B0



797A78



FAFAFA



7A7A7A



# Same Dimension

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



B5BCB0



E9F5E1



B0BCB1



595E55



429E00



0D1F00



# Inverse Universe

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



B7B0BC



EDE1F5



BCB0BB



5A555E



5C009E



12001F



# Previews

## White Background



This preview shows how the Hex color B5BCB0 looks on a white background.

## Color Contrast Check

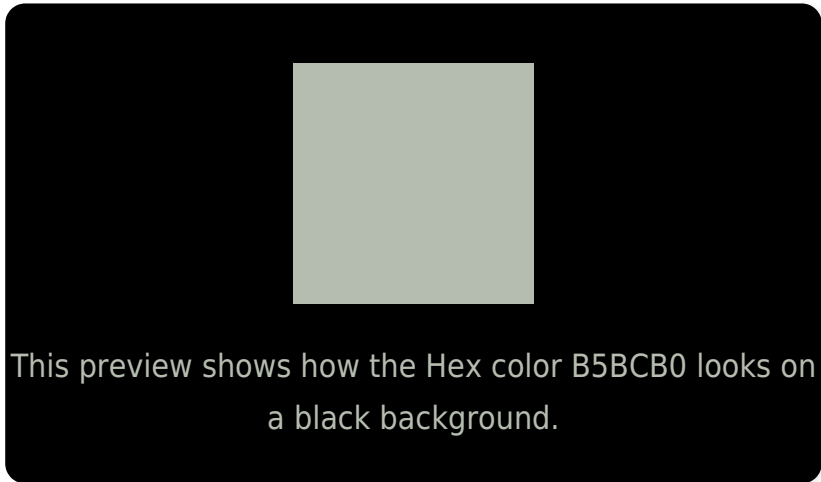
Large Text (above 18pt) WCAG AA × Fail

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

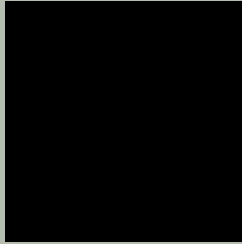
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

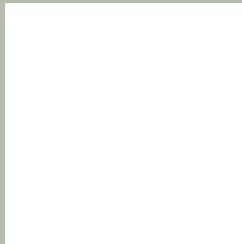
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5BCB0 Background



This preview shows how black text looks on a background with the Hex color B5BCB0.



This preview shows how white text looks on a background with the Hex color B5BCB0.

# 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](#).

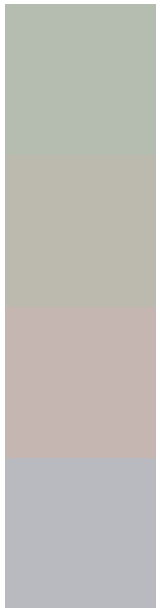
## Dichromacy





**Tritanopia**  
B9B9C7

# Trichromacy



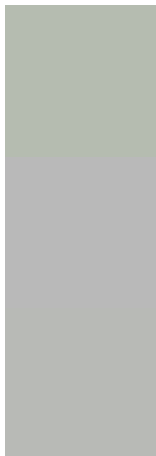
**Original Color**  
B5BCB0

**Protanomaly**  
BCBAAF

**Deuteranomaly**  
C5B6B1

**Tritanomaly**  
B8BABF

# Monochromacy



**Original Color**  
B5BCB0

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B8BAB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BCB0 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 #B5BCB0 looks like.

```
.text, #text, p{  
    color:#B5BCB0  
}
```

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 #B5BCB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BCB0
}
```

## Border

The CSS property to change the border of an element to Hex B5BCB0 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
#B5BCB0 }
```

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

```
.border{ border-color:#B5BCB0 }
```

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

Here you see how a box with a 4 pixel #B5BCB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BCB0; -webkit-box-shadow:4px 4px  
4px 4px #B5BCB0; box-shadow:4px 4px 4px  
4px #B5BCB0 }
```

# Background

The CSS property to change the background color of an element to Hex B5BCB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BCB0 }
```

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

```
.background{ background-color:#B5BCB0 }
```

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