

# Converting Colors

Hex(B6BCBD)

Have a look what the booklet for  
Hex(B6BCBD) contains.

<b>Hex(B6BCBD)</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(B6BCBD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6BCBD
RGB	182, 188, 189
RGB Percent	71%, 74%, 74%
CMY	0.2863, 0.2627, 0.2588
CMYK	0.04, 0.01, 0.00, 0.26
HSL	189°, 5%, 73%
HSV	189°, 4%, 74%
XYZ	46.4599, 49.5856, 55.2664
YIQ	186.3200, -3.8970, -0.9610

# Conversions

## Conversions Part 2

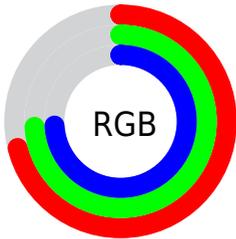
Format	Color
R <sub>YB</sub>	182, 185, 189
Decimal	11975869
CIE <sub>Lab</sub>	75.81, -1.88, -1.24
CIE <sub>LCh</sub>	76, 2.254, 213.304
Yxy	49.5856, 0.3070, 0.3277
Android (android.graphics.Color)	4290165949 (0xFFB6BCBD)
YUV	186.3200, 1.3212, -3.7886
Hunter-Lab	70.4171, -5.4588, 2.7586

# Details

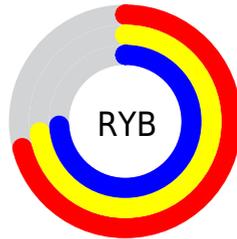
The Hex color **B6BCBD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDB7B6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EEF4F5**, and **818788** is the 20% darker color. If you saturate the color by 10%, you get **A3B9BD**, and if you desaturate by 10%, it is **C9BFBD**.

# Distribution



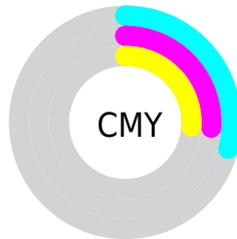
- Red (71%)
- Green (74%)
- Blue (74%)



- Red (71%)
- Yellow (73%)
- Blue (74%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B6BCBD 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 B6BCBD by changing the saturation by 10% instead.

 B6BCBD

 B6BCBD

FFFFFF

 9BA1A2

 EE4F5

 818788

 686E6E

 505556

 393E3F

 242829

 0E1415

 000000

 B6BCBD

 B6BCBD

A3B9BD

C9BFBD

90B7BD

DCC1BD

7DB4BD

EFC4BD

6AB1BD

FFC7BD

58AFBD

FFC9BD

45ACBD

FFCCBD

32A9BD

FFCFBD

1FA6BD

FFD2BD

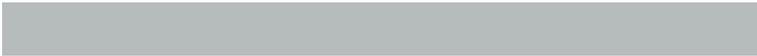
0CA4BD

FFD4BD

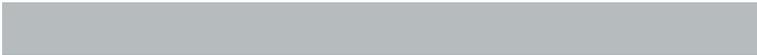
# Harmonies

## Analogous

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



B6BCBB



B6BCBD



B7BCBE

# Triad

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



B6BCBD



BEBABD



BCBBB7

# Complementary

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



B6BCBD



BDB7B6

# 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.



**BEBAB7**



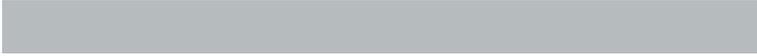
**B6BCBD**



**BFB9BB**

# Square

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



B6BCBD



BCBABE



BFBAB9



BABBB7

# Rectangle

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



B6BCBD



B8BBBF



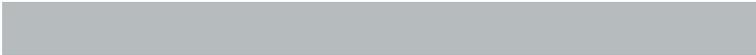
BFBAB9



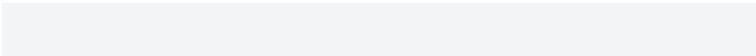
BDBBB7

# Sweetspot

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



B6BCBD



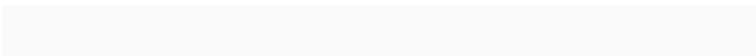
F2F4F5



B6BDB7



797A7A



FAFAFA

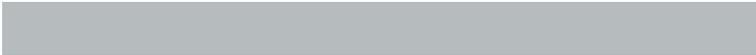


7A7A7A



# Same Dimension

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



B6BCBD



EBF3F5



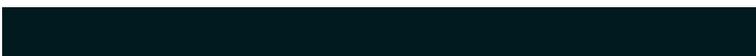
B6B9BD



5A5E5E



00889E



001A1F



# Inverse Universe

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



BDB6BC



F5EBF3



BDBAB6



5E5A5E



9E0088

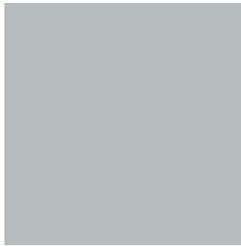


1F001A



# Previews

## White Background



This preview shows how the Hex color B6BCBD looks on a white background.

## Color Contrast Check

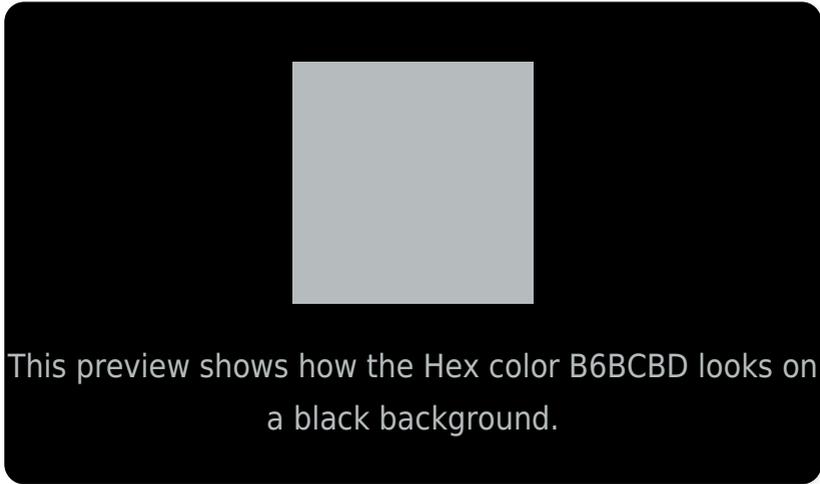
Large Text (above 18pt) WCAG AA × Fail

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

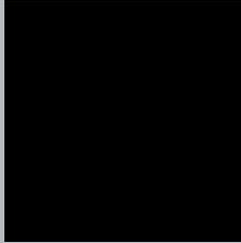
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

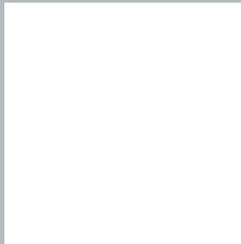
Any Text WCAG AAA ✓ Pass

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

## Hex B6BCBD Background



This preview shows how black text looks on a background with the Hex color B6BCBD.



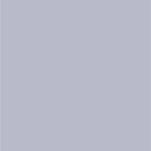
This preview shows how white text looks on a background with the Hex color B6BCBD.

# 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**  
B8BAC9

# Trichromacy



**Original Color**  
B6BCBD

**Protanomaly**  
BBBBBC

**Deuteranomaly**  
C3B8BE

**Tritanomaly**  
B7BBC5

# Monochromacy



**Original Color**  
B6BCBD

**Achromatopsia**  
BABABA

**Achromatomaly**  
B9BBBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6BCBD 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 #B6BCBD looks like.

```
.text, #text, p{  
    color:#B6BCBD  
}
```

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 #B6BCBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6BCBD  
}
```

## Border

The CSS property to change the border of an element to Hex B6BCBD 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  
#B6BCBD }
```

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

```
.border{ border-color:#B6BCBD }
```

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

Here you see how a box with a 4 pixel #B6BCBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6BCBD; -webkit-box-shadow:4px 4px  
4px 4px #B6BCBD; box-shadow:4px 4px 4px  
4px #B6BCBD }
```

# Background

The CSS property to change the background color of an element to Hex B6BCBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6BCBD }
```

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

```
.background{ background-color:#B6BCBD }
```

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