

# Converting Colors

Hex(B4B6B7)

Have a look what the booklet for  
Hex(B4B6B7) contains.

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# **Color**

**Hex(B4B6B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B6B7
RGB	180, 182, 183
RGB Percent	71%, 71%, 72%
CMY	0.2941, 0.2863, 0.2824
CMYK	0.02, 0.01, 0.00, 0.28
HSL	200°, 2%, 71%
HSV	200°, 2%, 72%
XYZ	44.0976, 46.5781, 51.4660
YIQ	181.5160, -1.5130, -0.1130

# Conversions

## Conversions Part 2

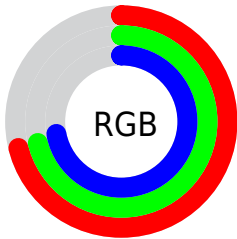
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 181, 183
Decimal	11843255
CIE Lab	73.92, -0.51, -0.76
CIE LCh	74, 0.914, 236.325
Yxy	46.5781, 0.3102, 0.3277
Android (android.graphics.Color)	4290033335 (0xFFB4B6B7)
YUV	181.5160, 0.7316, -1.3295
Hunter-Lab	68.2481, -4.0990, 3.0630

# Details

The Hex color **B4B6B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B5B4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **ECEEEF**, and **7F8182** is the 20% darker color. If you saturate the color by 10%, you get **A2B0B7**, and if you desaturate by 10%, it is **C6BCB7**.

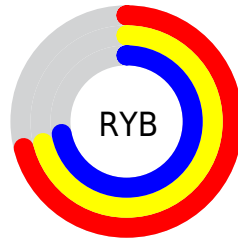
# Distribution



Red (71%)

Green (71%)

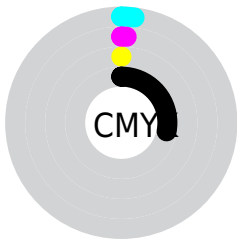
Blue (72%)



Red (71%)

Yellow (71%)

Blue (72%)

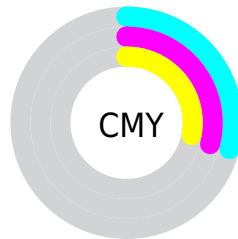


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (29%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B6B7 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 B4B6B7 by changing the saturation by 10% instead.



 B4B6B7

 B4B6B7

FFFFFF

 999B9C

 ECEEEF

 7F8182

 666869

 4E5051

 38393A

 222424

 0C0E0F

 000000

 B4B6B7

 B4B6B7

 A2B0B7

 C6BCB7

 8FAAB7

 D9C2B7

 7DA4B7

 EBC8B7

 6B9EB7

 FDCEB7

 5998B7

 FFD5B7

 4691B7

 FFDBB7

 348BB7

 FFE1B7

 2285B7

 FFE7B7

 0F7FB7

 FFEDB7

# Harmonies

## Analogous

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



B4B6B6



B4B6B7



B5B6B7

# Triad

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



B4B6B7



B7B5B6



B6B6B4

# Complementary

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



B4B6B7



B7B5B4

# 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.



B7B6B4



B4B6B7



B8B5B5

# Square

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



B4B6B7



B7B5B7



B7B5B4



B5B6B5

# Rectangle

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



B4B6B7



B5B6B7



B7B5B4



B6B6B4



# Sweetspot

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



B4B6B7



EDEDED



B4B7B5



787878



F7F7F7

# Same Dimension

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



B4B6B7



E8ECED



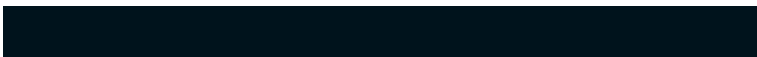
B4B5B7



5A5B5C



00689C



00131C

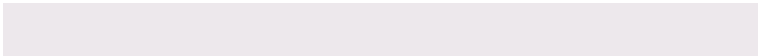


# Inverse Universe

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



B7B4B6



EDE8EC



B7B7B4



5C5A5B



9C0068

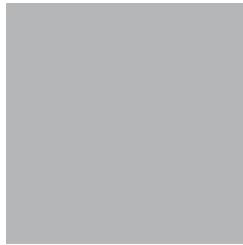


1C0013



# Previews

## White Background



This preview shows how the Hex color B4B6B7 looks on a white background.

## Color Contrast Check

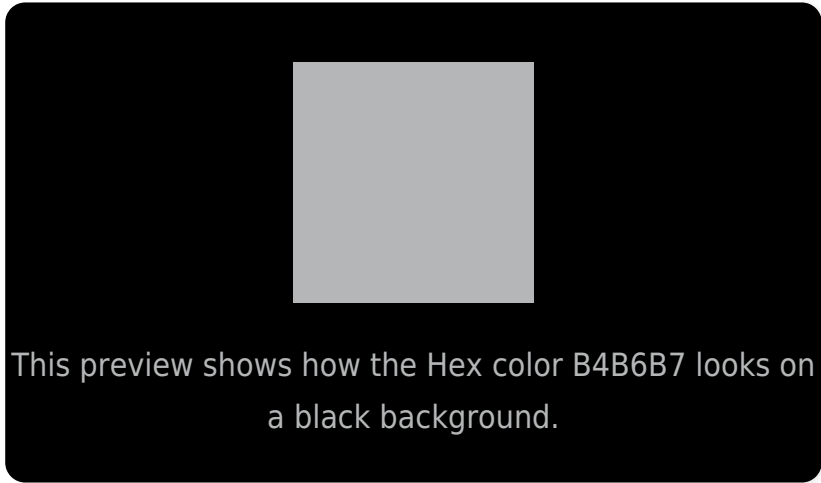
Large Text (above 18pt) WCAG AA × Fail

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

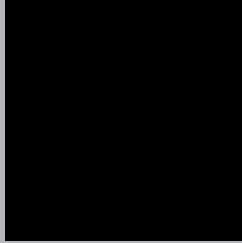
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

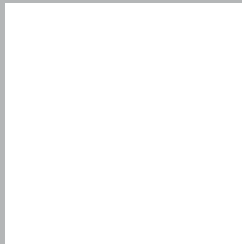
Any Text WCAG AAA ✓ Pass

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

## Hex B4B6B7 Background



This preview shows how black text looks on a background with the Hex color B4B6B7.



This preview shows how white text looks on a background with the Hex color B4B6B7.



# 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](#).

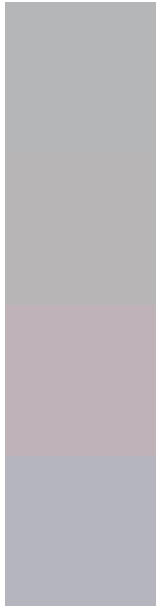
## Dichromacy





**Tritanopia**  
B6B4C2

# Trichromacy



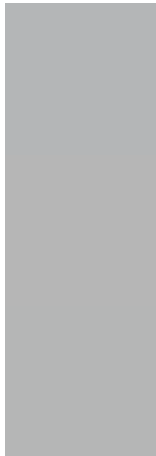
**Original Color**  
B4B6B7

**Protanomaly**  
B7B5B6

**Deuteranomaly**  
BFB2B8

**Tritanomaly**  
B5B5BE

# Monochromacy



**Original Color**  
B4B6B7

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B5B6B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B6B7 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 #B4B6B7 looks like.

```
.text, #text, p{  
    color:#B4B6B7  
}
```

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 #B4B6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B6B7
}
```

## Border

The CSS property to change the border of an element to Hex B4B6B7 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
#B4B6B7 }
```

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

```
.border{ border-color:#B4B6B7 }
```

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

Here you see how a box with a 4 pixel #B4B6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B6B7; -webkit-box-shadow:4px 4px  
4px 4px #B4B6B7; box-shadow:4px 4px 4px  
4px #B4B6B7 }
```

# Background

The CSS property to change the background color of an element to Hex B4B6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B6B7 }
```

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

```
.background{ background-color:#B4B6B7 }
```

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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