

# Converting Colors

Hex(B1B3B7)

Have a look what the booklet for  
Hex(B1B3B7) contains.

<b>Hex(B1B3B7)</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(B1B3B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B3B7
RGB	177, 179, 183
RGB Percent	69%, 70%, 72%
CMY	0.3059, 0.2980, 0.2824
CMYK	0.03, 0.02, 0.00, 0.28
HSL	220°, 4%, 71%
HSV	220°, 3%, 72%
XYZ	42.7988, 45.0062, 51.2311
YIQ	178.8580, -2.4760, 0.8200

# Conversions

## Conversions Part 2

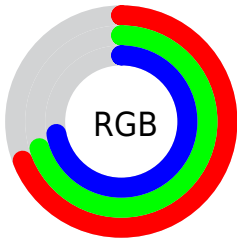
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 179, 183
Decimal	11645879
CIELab	72.90, 0.06, -2.29
CIELCh	73, 2.288, 271.626
Yxy	45.0062, 0.3078, 0.3237
Android (android.graphics.Color)	4289835959 (0xFFB1B3B7)
YUV	178.8580, 2.0420, -1.6295
Hunter-Lab	67.0867, -3.5253, 1.6836

# Details

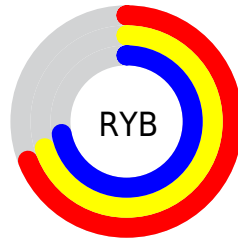
The Hex color **B1B3B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B5B1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9EBEF**, and **7C7E82** is the 20% darker color. If you saturate the color by 10%, you get **9FA7B7**, and if you desaturate by 10%, it is **C3BFB7**.

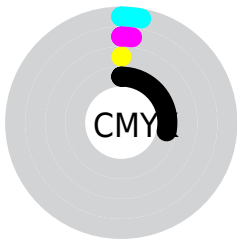
# Distribution



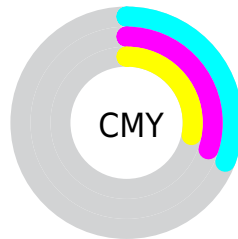
- Red (69%)
- Green (70%)
- Blue (72%)



- Red (69%)
- Yellow (70%)
- Blue (72%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (30%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1B3B7 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 B1B3B7 by changing the saturation by 10% instead.



 B1B3B7

 B1B3B7

FFFFFF

 96989C

 E9EBEF

 7C7E82

 646569

 4C4D51

 35373A

 202124

 080B0F

 000000

 B1B3B7

 B1B3B7

■ 9FA7B7

■ C3BFB7

■ 8C9BB7

■ D6CBB7

■ 7A8EB7

■ E8D8B7

■ 6882B7

■ FAE4B7

■ 5676B7

■ FFF0B7

■ 436AB7

■ FFFCB7

■ 315EB7

■ FFFFB7

■ 1F51B7

■ 0C45B7

# Harmonies

## Analogous

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



AFB4B6



B1B3B7



B4B2B6

# Triad

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



B1B3B7



B8B2B1



B0B4B1

# Complementary

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



B1B3B7



B7B5B1

# 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.



B2B3AF



B1B3B7



B7B2AF

# Square

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



B1B3B7



B7B2B3



B5B3AF



AEB4B3

# Rectangle

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



**B1B3B7**



**B5B2B5**



**B5B3AF**



**B1B4B0**

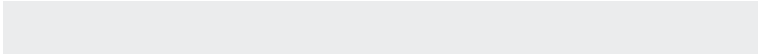


# Sweetspot

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



B1B3B7



EBECED



B1B7B5



777778



F7F7F7



787878

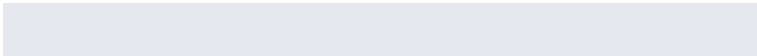


# Same Dimension

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



B1B3B7



E4E7ED



B2B1B7



57595C



00349C



00091C



# Inverse Universe

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



B7B1B3



EDE4E7



B6B7B1



5C5759



9C0034

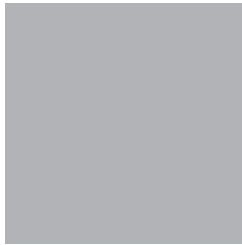


1C0009



# Previews

## White Background



This preview shows how the Hex color B1B3B7 looks on a white background.

## Color Contrast Check

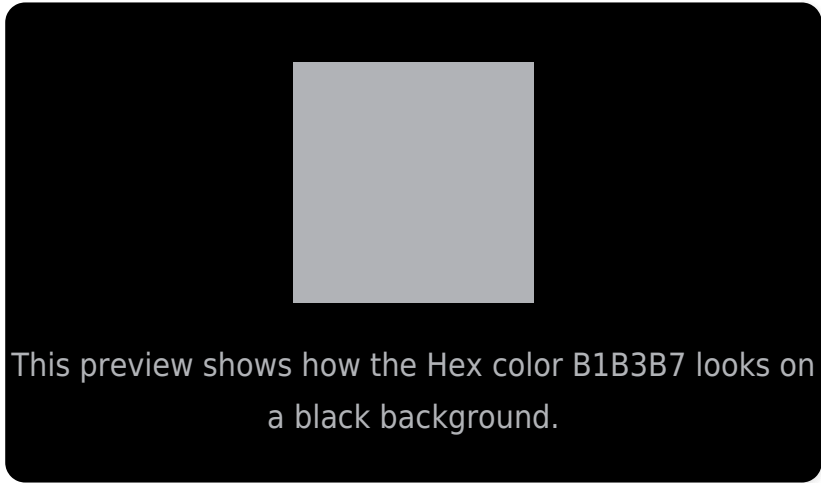
Large Text (above 18pt) WCAG AA × Fail

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

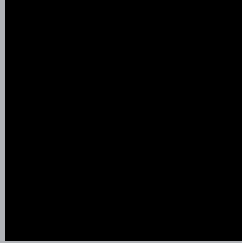
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

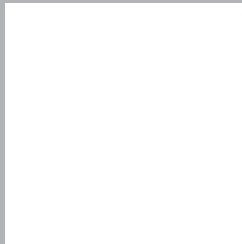
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1B3B7 Background



This preview shows how black text looks on a background with the Hex color B1B3B7.

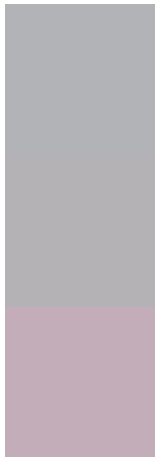


This preview shows how white text looks on a background with the Hex color B1B3B7.

# 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



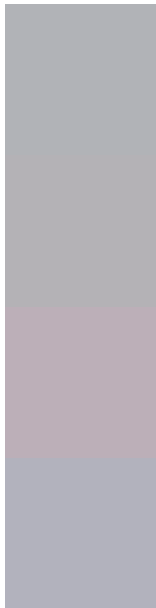
**Original Color**  
B1B3B7

**Protanopia**  
B5B2B6

**Deuteranopia**  
C2ADB8



# Trichromacy



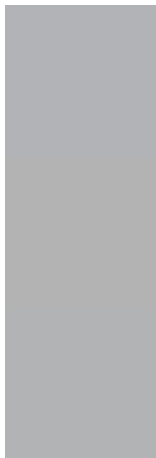
**Original Color**  
B1B3B7

**Protanomaly**  
B4B2B6

**Deuteranomaly**  
BCAFB8

**Tritanomaly**  
B2B2BD

# Monochromacy



**Original Color**  
B1B3B7

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B2B3B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1B3B7 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 #B1B3B7 looks like.

```
.text, #text, p{  
    color:#B1B3B7  
}
```

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 #B1B3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B3B7
}
```

## Border

The CSS property to change the border of an element to Hex B1B3B7 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
#B1B3B7 }
```

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

```
.border{ border-color:#B1B3B7 }
```

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

Here you see how a box with a 4 pixel #B1B3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B3B7; -webkit-box-shadow:4px 4px  
4px 4px #B1B3B7; box-shadow:4px 4px 4px  
4px #B1B3B7 }
```

# Background

The CSS property to change the background color of an element to Hex B1B3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B3B7 }
```

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

```
.background{ background-color:#B1B3B7 }
```

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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