

# Converting Colors

Hex(B3B5B8)

Have a look what the booklet for  
Hex(B3B5B8) contains.

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# **Color**

**Hex(B3B5B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B5B8
RGB	179, 181, 184
RGB Percent	70%, 71%, 72%
CMY	0.2980, 0.2902, 0.2784
CMYK	0.03, 0.02, 0.00, 0.28
HSL	216°, 3%, 71%
HSV	216°, 3%, 72%
XYZ	43.7660, 46.0921, 51.9374
YIQ	180.7440, -2.1550, 0.5090

# Conversions

## Conversions Part 2

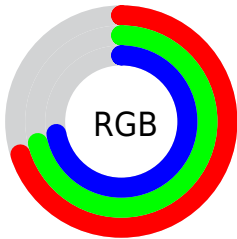
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 180, 184
Decimal	11777464
CIE Lab	73.61, -0.13, -1.78
CIE LCh	74, 1.781, 265.911
Yxy	46.0921, 0.3087, 0.3251
Android (android.graphics.Color)	4289967544 (0xFFB3B5B8)
YUV	180.7440, 1.6052, -1.5295
Hunter-Lab	67.8912, -3.7397, 2.1665

# Details

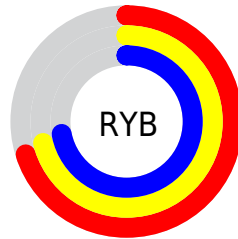
The Hex color **B3B5B8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8B6B3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EBEDF0**, and **7E8083** is the 20% darker color. If you saturate the color by 10%, you get **A1AAB8**, and if you desaturate by 10%, it is **C5C0B8**.

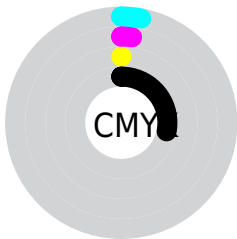
# Distribution



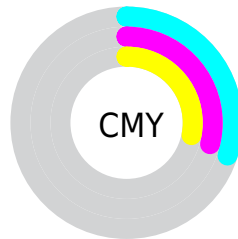
- Red (70%)
- Green (71%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



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



- Cyan (30%)
- Magenta (29%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B5B8 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 B3B5B8 by changing the saturation by 10% instead.



 B3B5B8

 B3B5B8

FFFFFF

 989A9D

 EBEDF0

 7E8083

 65676A

 4D4F52

 37383B

 212325

 0B0D10

 000000

 B3B5B8

 B3B5B8

 A1AAB8

 C5C0B8

 8E9FB8

 D8CBB8

 7C94B8

 EAD6B8

 6989B8

 FDE1B8

 577EB8

 FFECB8

 4573B8

 FFF7B8

 3268B8

 FFFFB8

 205DB8

 0D52B8

# Harmonies

## Analogous

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



B2B5B7



B3B5B8



B5B4B8

# Triad

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



B3B5B8



B9B4B3



B3B6B3

# Complementary

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



B3B5B8



B8B6B3

# 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.



B5B5B2



B3B5B8



B8B4B2

# Square

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



B3B5B8



B8B4B5



B7B5B2



B1B6B4

# Rectangle

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



B3B5B8



B6B4B7



B7B5B2



B3B5B2

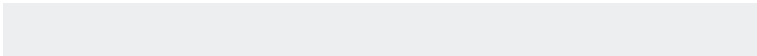


# Sweetspot

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



B3B5B8



EDEEF0



B3B8B6



777778



F7F7F7



787878

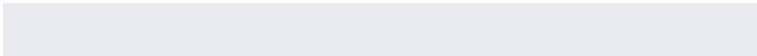


# Same Dimension

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



B3B5B8



E9EBF0



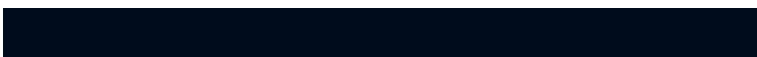
B3B3B8



585A5C



003E9C



000B1C



# Inverse Universe

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



B8B3B5



F0E9EB



B8B8B3



5C585A



9C003E

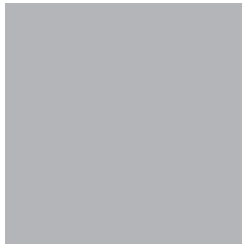


1C000B



# Previews

## White Background



This preview shows how the Hex color B3B5B8 looks on a white background.

## Color Contrast Check

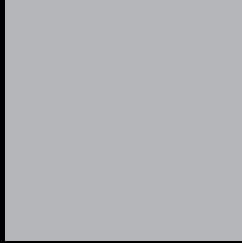
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B3B5B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

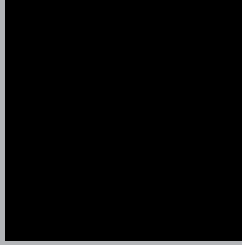
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

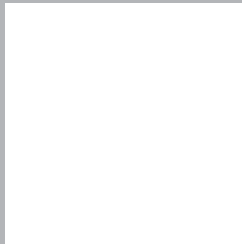
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3B5B8 Background



This preview shows how black text looks on a background with the Hex color B3B5B8.

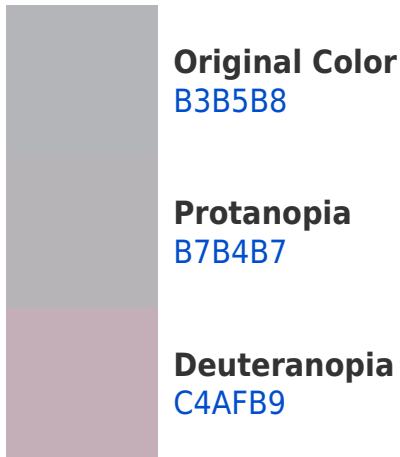


This preview shows how white text looks on a background with the Hex color B3B5B8.

# 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**  
B5B3C2

# Trichromacy



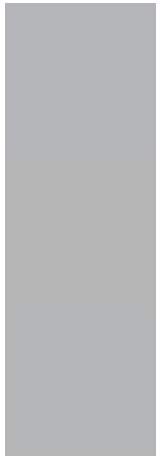
**Original Color**  
B3B5B8

**Protanomaly**  
B6B4B7

**Deuteranomaly**  
BEB1B9

**Tritanomaly**  
B4B4BE

# Monochromacy



**Original Color**  
B3B5B8

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
B4B5B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B5B8 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 #B3B5B8 looks like.

```
.text, #text, p{  
    color:#B3B5B8  
}
```

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 #B3B5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B5B8
}
```

## Border

The CSS property to change the border of an element to Hex B3B5B8 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
#B3B5B8 }
```

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

```
.border{ border-color:#B3B5B8 }
```

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

Here you see how a box with a 4 pixel #B3B5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B5B8; -webkit-box-shadow:4px 4px  
4px 4px #B3B5B8; box-shadow:4px 4px 4px  
4px #B3B5B8 }
```

# Background

The CSS property to change the background color of an element to Hex B3B5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B5B8 }
```

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

```
.background{ background-color:#B3B5B8 }
```

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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