

# Converting Colors

Hex(B1B4B8)

Have a look what the booklet for  
Hex(B1B4B8) contains.

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# **Color**

**Hex(B1B4B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B4B8
RGB	177, 180, 184
RGB Percent	69%, 71%, 72%
CMY	0.3059, 0.2941, 0.2784
CMYK	0.04, 0.02, 0.00, 0.28
HSL	214°, 5%, 71%
HSV	214°, 4%, 72%
XYZ	43.1044, 45.4503, 51.8483
YIQ	179.5590, -3.0720, 0.6080

# Conversions

## Conversions Part 2

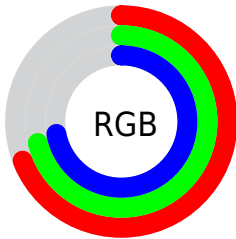
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 179, 184
Decimal	11646136
CIELab	73.19, -0.28, -2.41
CIELCh	73, 2.424, 263.338
Yxy	45.4503, 0.3070, 0.3237
Android (android.graphics.Color)	4289836216 (0xFFB1B4B8)
YUV	179.5590, 2.1894, -2.2442
Hunter-Lab	67.4169, -3.8516, 1.5936

# Details

The Hex color **B1B4B8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8B5B1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E9ECF0**, and **7C7F83** is the 20% darker color. If you saturate the color by 10%, you get **9FA9B8**, and if you desaturate by 10%, it is **C3BFB8**.

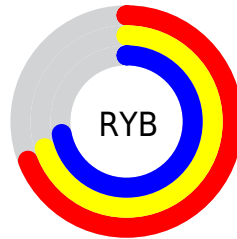
# Distribution



Red (69%)

Green (71%)

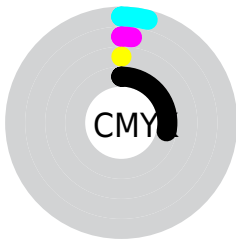
Blue (72%)



Red (69%)

Yellow (70%)

Blue (72%)

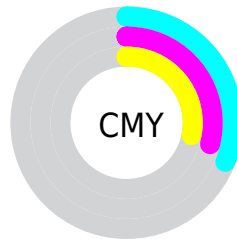


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (29%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1B4B8 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 B1B4B8 by changing the saturation by 10% instead.



■ B1B4B8

FFFFFF

■ E9ECF0

■ B1B4B8

■ 96999D

■ 7C7F83

■ 64666A

■ 4C4E52

■ 35383B

■ 202225

■ 080C10

■ 000000

■ B1B4B8

■ B1B4B8

■ 9FA9B8

■ C3BFB8

■ 8C9FB8

■ D6C9B8

■ 7A94B8

■ E8D4B8

■ 678AB8

■ FBDEB8

■ 557FB8

■ FFE9B8

■ 4375B8

■ FFF3B8

■ 306AB8

■ FFFEB8

■ 1E60B8

■ FFFF8

■ 0B55B8

# Harmonies

## Analogous

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



AFB5B7



B1B4B8



B4B3B8

# Triad

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



B1B4B8



B9B2B2



B1B5B1

# Complementary

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



B1B4B8



B8B5B1

# 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.



B4B4B0



B1B4B8



B8B3B0

# Square

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



B1B4B8



B8B2B4



B6B3AF



AFB5B3

# Rectangle

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



**B1B4B8**



**B5B3B7**



**B6B3AF**



**B2B5B0**

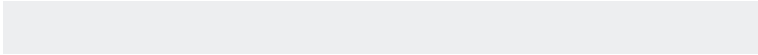


# Sweetspot

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



B1B4B8



EDEEF0



B1B8B5



777778



F7F7F7



787878

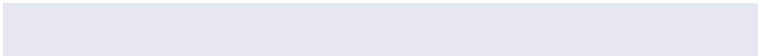


# Same Dimension

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



B1B4B8



E4E9F0



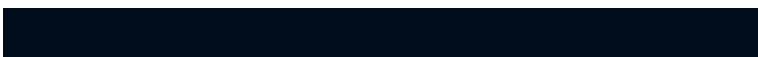
B1B1B8



56595C



00439C



000C1C



# Inverse Universe

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



B8B1B4



F0E4E9



B8B8B1



5C5659



9C0043

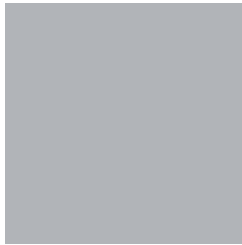


1C000C



# Previews

## White Background



This preview shows how the Hex color B1B4B8 looks on a white background.

## Color Contrast Check

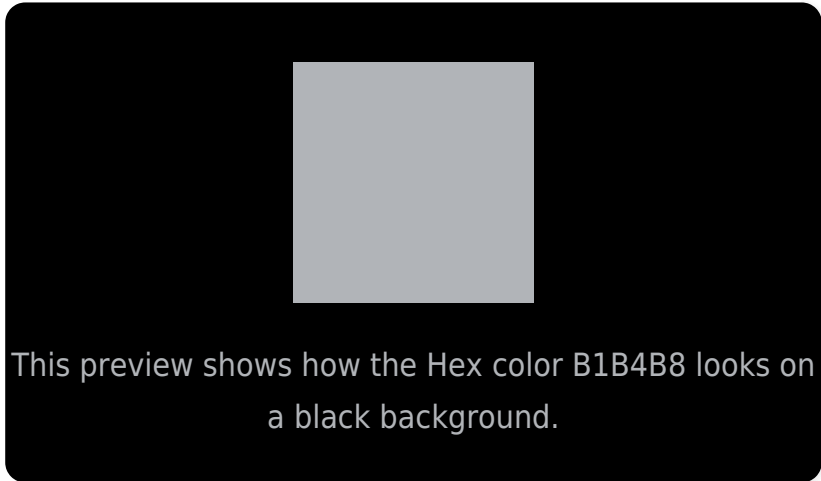
Large Text (above 18pt) WCAG AA × Fail

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

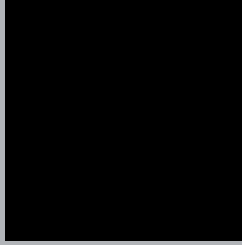
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

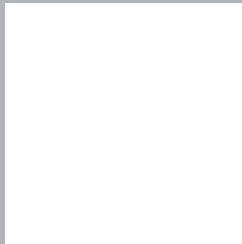
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1B4B8 Background



This preview shows how black text looks on a background with the Hex color B1B4B8.

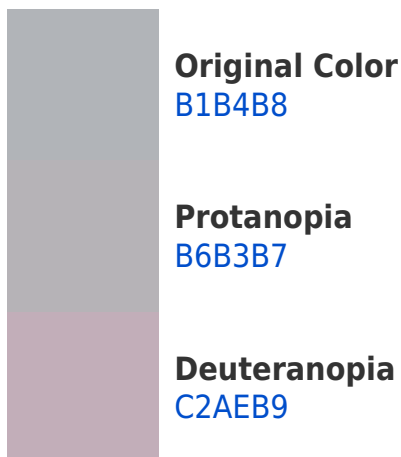


This preview shows how white text looks on a background with the Hex color B1B4B8.

# 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](#).

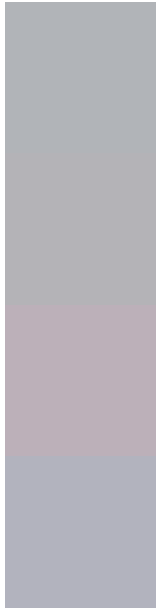
## Dichromacy





**Tritanopia**  
B2B3C1

# Trichromacy



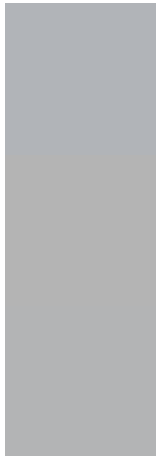
**Original Color**  
B1B4B8

**Protanomaly**  
B4B3B7

**Deuteranomaly**  
BCB0B9

**Tritanomaly**  
B2B3BE

# Monochromacy



**Original Color**  
B1B4B8

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B3B4B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1B4B8 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 #B1B4B8 looks like.

```
.text, #text, p{  
    color:#B1B4B8  
}
```

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 #B1B4B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B4B8  
}
```

## Border

The CSS property to change the border of an element to Hex B1B4B8 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  
#B1B4B8 }
```

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

```
.border{ border-color:#B1B4B8 }
```

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

Here you see how a box with a 4 pixel #B1B4B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B4B8; -webkit-box-shadow:4px 4px  
4px 4px #B1B4B8; box-shadow:4px 4px 4px  
4px #B1B4B8 }
```

# Background

The CSS property to change the background color of an element to Hex B1B4B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B4B8 }
```

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

```
.background{ background-color:#B1B4B8 }
```

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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