

Converting Colors

Hex(B1B3B9)

Have a look what the booklet for
Hex(B1B3B9) contains.

Hex(B1B3B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1B3B9)

Conversions

Conversions Part 1

Format	Color
Hex	B1B3B9
RGB	177, 179, 185
RGB Percent	69%, 70%, 73%
CMY	0.3059, 0.2980, 0.2745
CMYK	0.04, 0.03, 0.00, 0.27
HSL	225°, 5%, 71%
HSV	225°, 4%, 73%
XYZ	43.0085, 45.0901, 52.3354
YIQ	179.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

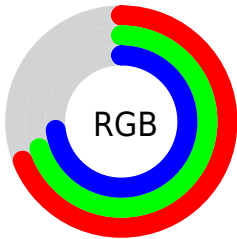
Format	Color
RYB	177, 179, 185
Decimal	11645881
CIELab	72.95, 0.45, -3.30
CIELCh	73, 3.333, 277.794
Yxy	45.0901, 0.3063, 0.3211
Android (android.graphics.Color)	4289835961 (0xFFB1B3B9)
YUV	179.0860, 2.9156, -1.8294
Hunter-Lab	67.1492, -3.1832, 0.7944

Details

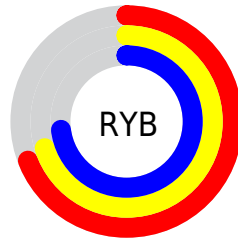
The Hex color **B1B3B9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B9B7B1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9EBF1**, and **7C7E84** is the 20% darker color. If you saturate the color by 10%, you get **9FA5B9**, and if you desaturate by 10%, it is **C4C1B9**.

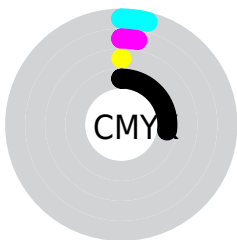
Distribution



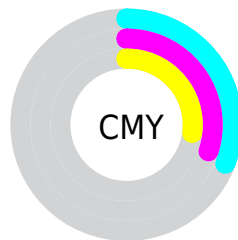
- Red (69%)
- Green (70%)
- Blue (73%)



- Red (69%)
- Yellow (70%)
- Blue (73%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B3B9 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 B1B3B9 by changing the saturation by 10% instead.

 B1B3B9

 B1B3B9

FFFFFF

 96989E

 E9EBF1

 7C7E84

 64656B

 4C4D53

 35373C

 202126

 080B11

 000000

 B1B3B9

 B1B3B9

9FA5B9

C4C1B9

8C97B9

D6CFB9

7A89B9

E9DDB9

677BB9

FBEBB9

556EB9

FFF8B9

4260B9

FFFFB9

3052B9

1D44B9

0A36B9

Harmonies

Analogous

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



AEB4B9



B1B3B9



B5B2B8

Triad

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



B1B3B9



BAB1AF



AEB5B1

Complementary

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



B1B3B9



B9B7B1

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.



B1B4AE



B1B3B9



B8B2AD

Square

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



B1B3B9



BAB1B2



B5B3AD



ACB5B4

Rectangle

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



B1B3B9



B7B1B6



B5B3AD



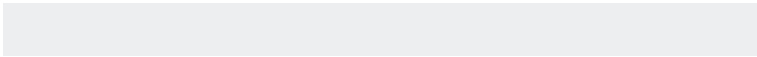
AFB5B0

Sweetspot

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



B1B3B9



EDEEF0



B1B9B7



777778



F7F7F7



787878

Same Dimension

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



B1B3B9



E4E7F0



B3B1B9



56585C



00279C



00071C

Inverse Universe

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



B9B1B3



F0E4E7



B7B9B1



5C5658



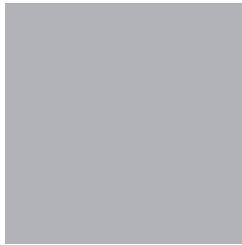
9C0027



1C0007

Previews

White Background



This preview shows how the Hex color B1B3B9 looks on a white background.

Color Contrast Check

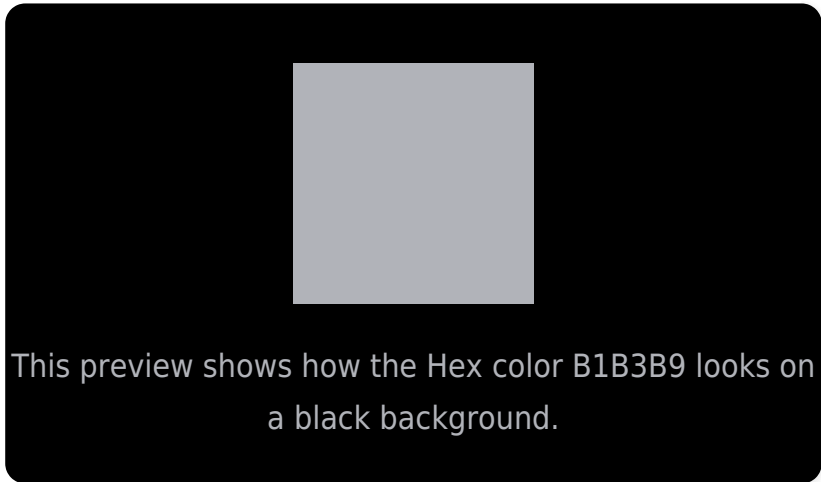
Large Text (above 18pt) WCAG AA × Fail

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

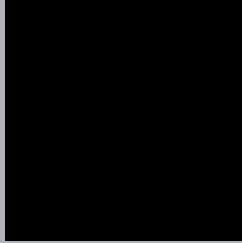
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

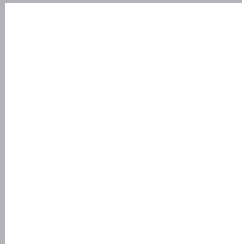
Any Text WCAG AAA ✓ Pass

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

Hex B1B3B9 Background



This preview shows how black text looks on a background with the Hex color B1B3B9.

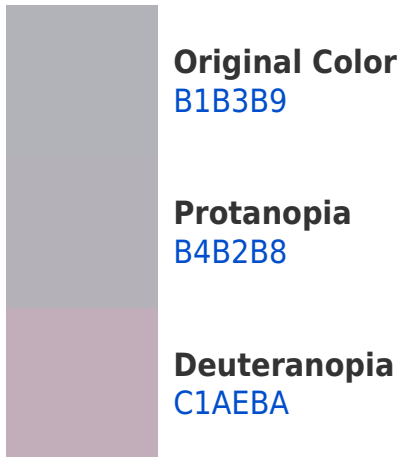


This preview shows how white text looks on a background with the Hex color B1B3B9.

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



Trichromacy



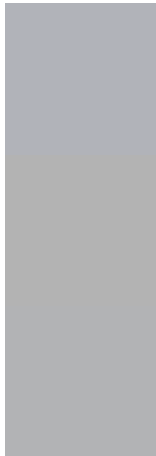
Original Color
B1B3B9

Protanomaly
B3B2B8

Deuteranomaly
BBB0BA

Tritanomaly
B2B2BD

Monochromacy



Original Color
B1B3B9

Achromatopsia
B3B3B3

Achromatomaly
B2B3B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B3B9 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 #B1B3B9 looks like.

```
.text, #text, p{  
    color:#B1B3B9  
}
```

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 #B1B3B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B3B9
}
```

Border

The CSS property to change the border of an element to Hex B1B3B9 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
#B1B3B9 }
```

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

```
.border{ border-color:#B1B3B9 }
```

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

Here you see how a box with a 4 pixel #B1B3B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B3B9; -webkit-box-shadow:4px 4px  
4px 4px #B1B3B9; box-shadow:4px 4px 4px  
4px #B1B3B9 }
```

Background

The CSS property to change the background color of an element to Hex B1B3B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B3B9 }
```

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

```
.background{ background-color:#B1B3B9 }
```

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