

# Converting Colors

Hex(B1B9C4)

Have a look what the booklet for  
Hex(B1B9C4) contains.

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# **Color**

**Hex(B1B9C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B9C4
RGB	177, 185, 196
RGB Percent	69%, 73%, 77%
CMY	0.3059, 0.2745, 0.2314
CMYK	0.10, 0.06, 0.00, 0.23
HSL	215°, 14%, 73%
HSV	215°, 10%, 77%
XYZ	45.4442, 48.0306, 59.1002
YIQ	183.8620, -8.2990, 1.7250

# Conversions

## Conversions Part 2

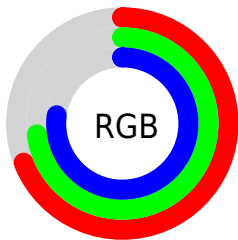
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 183, 196
Decimal	11647428
CIELab	74.84, -0.59, -6.52
CIELCh	75, 6.544, 264.794
Yxy	48.0306, 0.2978, 0.3148
Android (android.graphics.Color)	4289837508 (0xFFB1B9C4)
YUV	183.8620, 5.9840, -6.0180
Hunter-Lab	69.3041, -4.2357, -2.0477

# Details

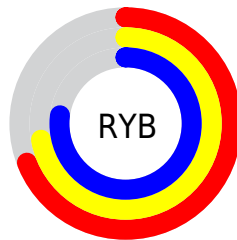
The Hex color **B1B9C4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C4BCB1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E9F1FD**, and **7C848E** is the 20% darker color. If you saturate the color by 10%, you get **9DAEC4**, and if you desaturate by 10%, it is **C5C4C4**.

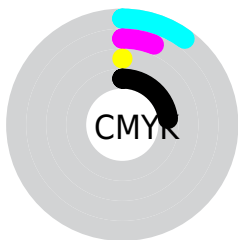
# Distribution



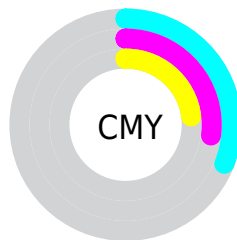
- Red (69%)
- Green (73%)
- Blue (77%)



- Red (69%)
- Yellow (72%)
- Blue (77%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (27%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1B9C4 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 B1B9C4 by changing the saturation by 10% instead.



 B1B9C4

 B1B9C4

FFFFFF

 969EA9

 E9F1FD

 7C848E

 636B75

 4B535C

 353C45

 1F262E

 09111A

 000000

 B1B9C4

 B1B9C4

■ 9DAEC4

■ C5C4C4

■ 8AA2C4

■ D8D0C4

■ 7697C4

■ ECDBC4

■ 638CC4

■ FFE6C4

■ 4F80C4

■ FFF2C4

■ 3B75C4

■ FFFDC4

■ 286AC4

■ FFFFC4

■ 145EC4

■ 0153C4

# Harmonies

## Analogous

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



ACBBC2



B1B9C4



B8B7C3

# Triad

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



B1B9C4



C6B4B3



B1BBB1

# Complementary

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



B1B9C4



C4BCB1

# 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.



B8B9AD



B1B9C4



C4B6AF

# Square

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



B1B9C4



C4B4B9



BFB7AC



ACBCB7

# Rectangle

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



**B1B9C4**



**BDB6C1**



**BFB7AC**



**B3BAB0**



# Sweetspot

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



B1B9C4



F7FBFF



B1C4BC



7A7D80



000000



808080

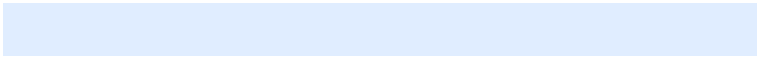


# Same Dimension

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



B1B9C4



E0EDFF



B2B1C4



575B61



0044A1



000E21



# Inverse Universe

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



C4B1B9



FFE0ED



C3C4B1



61575B



A10044

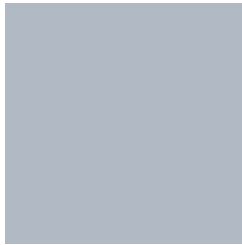


21000E



# Previews

## White Background



This preview shows how the Hex color B1B9C4 looks on a white background.

## Color Contrast Check

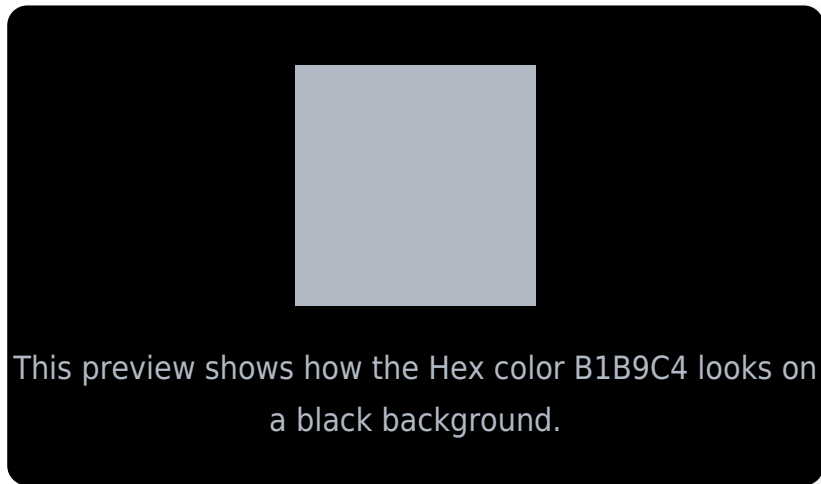
Large Text (above 18pt) WCAG AA × Fail

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

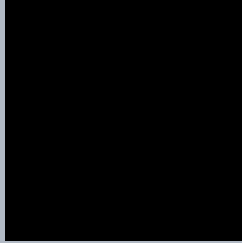
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

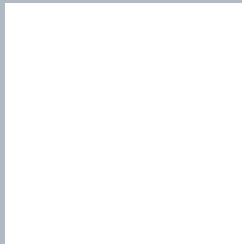
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1B9C4 Background



This preview shows how black text looks on a background with the Hex color B1B9C4.

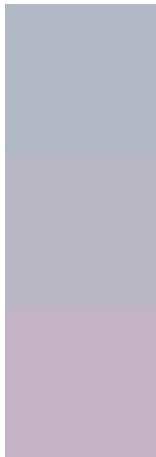


This preview shows how white text looks on a background with the Hex color B1B9C4.

# 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**  
B1B9C4

**Protanopia**  
B8B7C3

**Deuteranopia**  
C4B3C5



**Tritanopia**  
B2B8C7

# Trichromacy



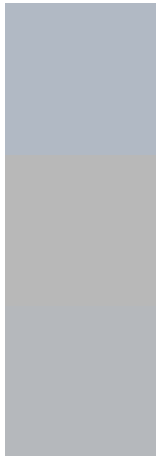
**Original Color**  
B1B9C4

**Protanomaly**  
B5B8C3

**Deuteranomaly**  
BDB5C5

**Tritanomaly**  
B2B8C6

# Monochromacy



**Original Color**  
B1B9C4

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B5B8BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1B9C4 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 #B1B9C4 looks like.

```
.text, #text, p{  
    color:#B1B9C4  
}
```

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 #B1B9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B9C4
}
```

## Border

The CSS property to change the border of an element to Hex B1B9C4 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
#B1B9C4 }
```

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

```
.border{ border-color:#B1B9C4 }
```

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

Here you see how a box with a 4 pixel #B1B9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B9C4; -webkit-box-shadow:4px 4px  
4px 4px #B1B9C4; box-shadow:4px 4px 4px  
4px #B1B9C4 }
```

# Background

The CSS property to change the background color of an element to Hex B1B9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B9C4 }
```

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

```
.background{ background-color:#B1B9C4 }
```

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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