

# Converting Colors

Hex(B7B7C1)

Have a look what the booklet for  
Hex(B7B7C1) contains.

<b>Hex(B7B7C1)</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(B7B7C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B7C1
RGB	183, 183, 193
RGB Percent	72%, 72%, 76%
CMY	0.2824, 0.2824, 0.2431
CMYK	0.05, 0.05, 0.00, 0.24
HSL	240°, 7%, 74%
HSV	240°, 5%, 76%
XYZ	46.0876, 47.7845, 57.2463
YIQ	184.1400, -3.2100, 3.1100

# Conversions

## Conversions Part 2

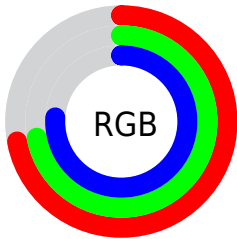
Format	Color
R <sub>Y</sub> B	183, 183, 193
Decimal	12040129
CIE Lab	74.69, 1.91, -5.06
CIE LCh	75, 5.410, 290.700
Yxy	47.7845, 0.3050, 0.3162
Android (android.graphics.Color)	4290230209 (0xFFB7B7C1)
YUV	184.1400, 4.3680, -0.9998
Hunter-Lab	69.1263, -1.9625, -0.7120

# Details

The Hex color **B7B7C1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C1C1B7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EFEFF9**, and **82828C** is the 20% darker color. If you saturate the color by 10%, you get **A4A4C1**, and if you desaturate by 10%, it is **CACAC1**.

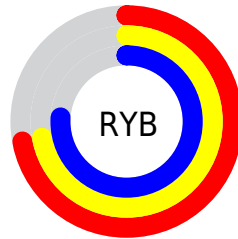
# Distribution



Red (72%)

Green (72%)

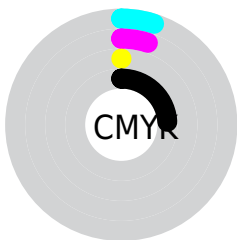
Blue (76%)



Red (72%)

Yellow (72%)

Blue (76%)

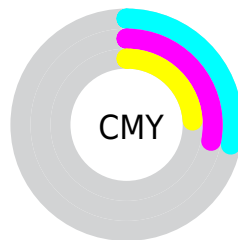


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (28%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B7C1 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 B7B7C1 by changing the saturation by 10% instead.



 B7B7C1

 B7B7C1


FFFFFF

 9C9CA6

 EFEFF9

 82828C

 696972

 51515A

 3A3A42

 24242C

 0F0F18

 000000

 B7B7C1

 B7B7C1

 A4A4C1

 CACAC1

 9090C1

 DEDEC1

 7D7DC1

 F1F1C1

 6A6AC1

 FFFFC1

 5757C1

 4343C1

 3030C1

 1D1DC1

 0909C1

# Harmonies

## Analogous

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



B1B9C1



B7B7C1



BDB6BE

# Triad

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



B7B7C1



C2B5B0



AE BBB6

# Complementary

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



B7B7C1



C1C1B7

# 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.



B2BAB1



B7B7C1



BEB7AE

# Square

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



B7B7C1



C3B5B4



B8B9AE



ACBBBB

# Rectangle

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



**B7B7C1**



**C0B5BB**



**B8B9AE**



**AFBBB4**

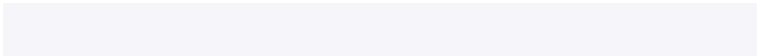


# Sweetspot

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



B7B7C1



F5F5FA



B7C1C1



7A7A7D



FCFCFC



7D7D7D



# Same Dimension

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



B7B7C1



EBEBFA



BCB7C1



5A5A61



0000A1



000021



# Inverse Universe

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



C1B7C1



FAEBFA



BCC1B7



615A61



A100A1

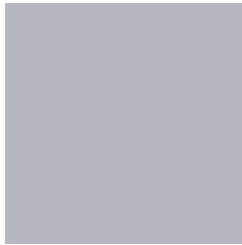


210021



# Previews

## White Background



This preview shows how the Hex color B7B7C1 looks on a white background.

## Color Contrast Check

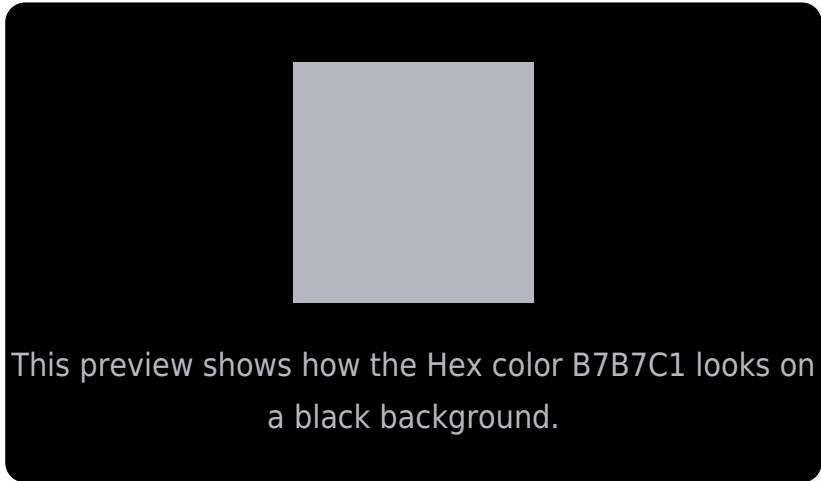
Large Text (above 18pt) WCAG AA × Fail

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

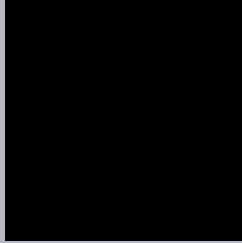
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

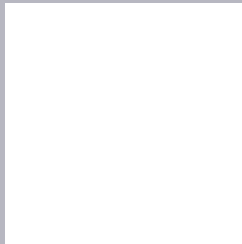
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7B7C1 Background



This preview shows how black text looks on a background with the Hex color B7B7C1.



This preview shows how white text looks on a background with the Hex color B7B7C1.

# 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**  
B8B6C5

# Trichromacy



**Original Color**  
B7B7C1

**Protanomaly**  
B8B7C1

**Deuteranomaly**  
C0B4C2

**Tritanomaly**  
B8B6C4

# Monochromacy



**Original Color**  
B7B7C1

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B8B8BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B7C1 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 #B7B7C1 looks like.

```
.text, #text, p{  
    color:#B7B7C1  
}
```

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 #B7B7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B7C1  
}
```

## Border

The CSS property to change the border of an element to Hex B7B7C1 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  
#B7B7C1 }
```

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

```
.border{ border-color:#B7B7C1 }
```

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

Here you see how a box with a 4 pixel #B7B7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B7C1; -webkit-box-shadow:4px 4px  
4px 4px #B7B7C1; box-shadow:4px 4px 4px  
4px #B7B7C1 }
```

# Background

The CSS property to change the background color of an element to Hex B7B7C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B7C1 }
```

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

```
.background{ background-color:#B7B7C1 }
```

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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