

# Converting Colors

Hex(B7BBB8)

Have a look what the booklet for  
Hex(B7BBB8) contains.

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# **Color**

**Hex(B7BBB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7BBB8
RGB	183, 187, 184
RGB Percent	72%, 73%, 72%
CMY	0.2824, 0.2667, 0.2784
CMYK	0.02, 0.00, 0.02, 0.27
HSL	135°, 3%, 73%
HSV	135°, 2%, 73%
XYZ	45.9505, 49.0686, 52.3967
YIQ	185.4620, -1.4210, -1.7810

# Conversions

## Conversions Part 2

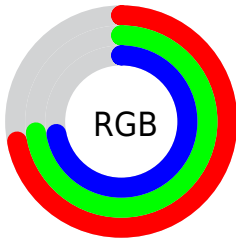
Format	Color
R <sub>Y</sub> B	183, 186, 187
Decimal	12041144
CIE Lab	75.49, -1.95, 1.02
CIE LCh	75, 2.199, 152.343
Yxy	49.0686, 0.3117, 0.3329
Android (android.graphics.Color)	4290231224 (0xFFB7BBB8)
YUV	185.4620, -0.7208, -2.1592
Hunter-Lab	70.0490, -5.4939, 4.6853

# Details

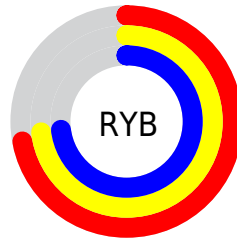
The Hex color **B7BBB8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBB7BA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EFF3F0**, and **828683** is the 20% darker color. If you saturate the color by 10%, you get **A4BBAA**, and if you desaturate by 10%, it is **CABBC6**.

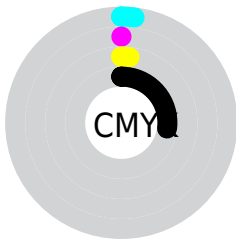
# Distribution



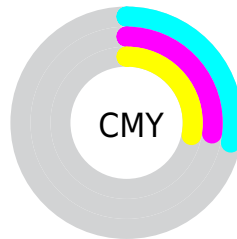
- Red (72%)
- Green (73%)
- Blue (72%)



- Red (72%)
- Yellow (73%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BBB8 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 B7BBB8 by changing the saturation by 10% instead.



 B7BBB8

 B7BBB8

FFFFFF

 9CA09D

 EFF3F0

 828683

 696D6A

 515452

 3A3D3B

 242725

 0F1310

 000000

 B7BBB8

 B7BBB8

 A4BBAA

 CABBC6

 92BB9C

 DCBBD4

 7FBB8E

 EFBBE2

 6CBB80

 FFBBF0

 5ABB72

 FFBBFE

 47BB64

 FFBBFF

 34BB56

 21BB48

 0FBB3A

# Harmonies

## Analogous

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



B9BBB6



B7BBB8



B6BBBA

# Triad

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



B7BBB8



B8BABE



BFB9B8

# Complementary

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



B7BBB8



BBB7BA

# 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.



**BEB9BA**



**B7BBB8**



**BBB9BD**

# Square

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



**B7BBB8**



**B6BBBD**



**BDB9BC**



**BEB9B6**

# Rectangle

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



**B7BBB8**



**B5BBBB**



**BDB9BC**



**BFB9B8**



# Sweetspot

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



B7BBB8



F0F2F0



BABBB7



797A79



FAFAFA



7A7A7A



# Same Dimension

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



B7BBB8



EBF2ED



B7BBBA



5B5E5C



009E28



001F08



# Inverse Universe

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



BBB7BA



F2EBF0



BBB7B8



5E5B5D



9E0077



1F0017



# Previews

## White Background



This preview shows how the Hex color B7BBB8 looks on a white background.

## Color Contrast Check

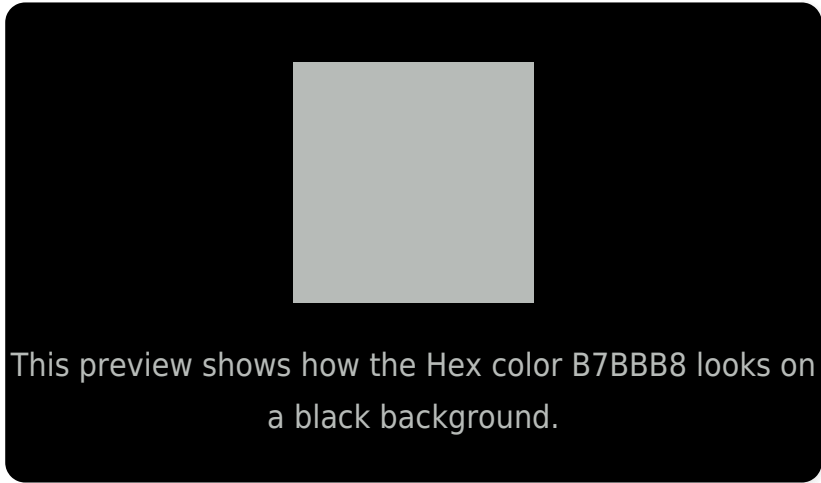
Large Text (above 18pt) WCAG AA × Fail

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

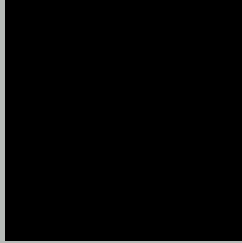
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

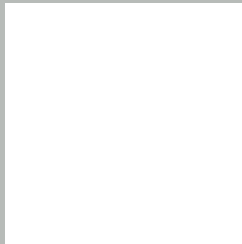
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7BBB8 Background



This preview shows how black text looks on a background with the Hex color B7BBB8.



This preview shows how white text looks on a background with the Hex color B7BBB8.

# 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](#).

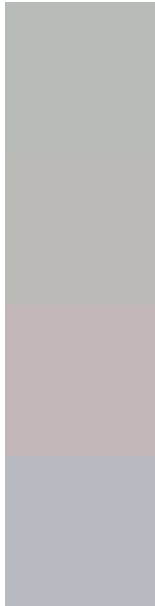
## Dichromacy





**Tritanopia**  
B9B9C7

# Trichromacy



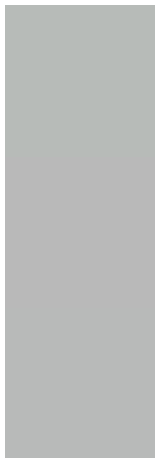
**Original Color**  
B7BBB8

**Protanomaly**  
BBBAB7

**Deuteranomaly**  
C4B7B9

**Tritanomaly**  
B8BAC2

# Monochromacy



**Original Color**  
B7BBB8

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B8BAB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BBB8 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 #B7BBB8 looks like.

```
.text, #text, p{  
    color:#B7BBB8  
}
```

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 #B7BBB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BBB8
}
```

## Border

The CSS property to change the border of an element to Hex B7BBB8 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
#B7BBB8 }
```

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

```
.border{ border-color:#B7BBB8 }
```

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

Here you see how a box with a 4 pixel #B7BBB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BBB8; -webkit-box-shadow:4px 4px  
4px 4px #B7BBB8; box-shadow:4px 4px 4px  
4px #B7BBB8 }
```

# Background

The CSS property to change the background color of an element to Hex B7BBB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BBB8 }
```

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

```
.background{ background-color:#B7BBB8 }
```

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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