

# Converting Colors

Hex(B7BBBB)

Have a look what the booklet for  
Hex(B7BBBB) contains.

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# **Color**

**Hex(B7BBBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7BBBB
RGB	183, 187, 187
RGB Percent	72%, 73%, 73%
CMY	0.2824, 0.2667, 0.2667
CMYK	0.02, 0.00, 0.00, 0.27
HSL	180°, 3%, 73%
HSV	180°, 2%, 73%
XYZ	46.2684, 49.1958, 54.0708
YIQ	185.8040, -2.3840, -0.8480

# Conversions

## Conversions Part 2

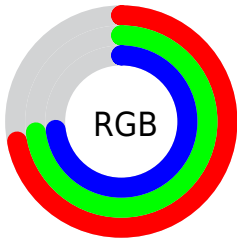
Format	Color
<a href="#">RYB</a>	<a href="#">183, 185, 187</a>
Decimal	<a href="#">12041147</a>
CIELab	<a href="#">75.57, -1.39, -0.49</a>
CIELCh	<a href="#">76, 1.471, 199.644</a>
Yxy	<a href="#">49.1958, 0.3094, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4290231227 (0xFFB7BBBB)</a>
YUV	<a href="#">185.8040, 0.5896, -2.4591</a>
Hunter-Lab	<a href="#">70.1397, -4.9951, 3.3910</a>

# Details

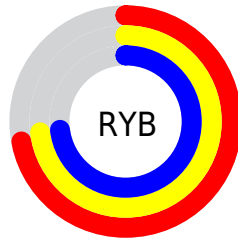
The Hex color **B7BBBB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBB7B7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EFF3F3**, and **828686** is the 20% darker color. If you saturate the color by 10%, you get **A4BBBB**, and if you desaturate by 10%, it is **CABBBB**.

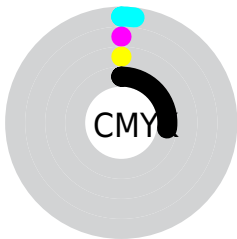
# Distribution



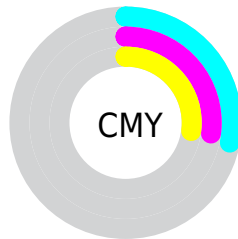
- Red (72%)
- Green (73%)
- Blue (73%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BBBB 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 B7BBBB by changing the saturation by 10% instead.



 B7BBBB

 B7BBBB


FFFFFF

 9CA0A0

 EFF3F3

 828686

 696D6D

 515454

 3A3D3D

 242828

 0F1313

 000000

 B7BBBB

 B7BBBB

 A4BBBB

 CABBBB

 92BBBB

 DCBBBB

 7FBBBB

 EFBBBB

 6CBBBB

 FFBBBB

 5ABBBB

 47BBBB

 34BBBB

 21BBBB

 0FBBBB

# Harmonies

## Analogous

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



B8BBBA



B7BBBB



B7BBBC

# Triad

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



B7BBBB



BCBABC



BCBAB8

# Complementary

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



B7BBBB



BBB7B7

# 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.



**BDBAB8**



**B7BBBB**



**BDB9BB**

# Square

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



B7BBBB



BABABD



BDB9B9



BABAB8

# Rectangle

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



**B7BBBB**



**B8BBBD**



**BDB9B9**



**BCBAB8**

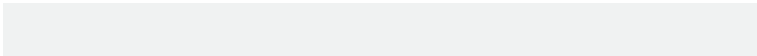


# Sweetspot

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



B7BBBB



F0F2F2



B7BBB7



797A7A



FAFAFA



7A7A7A



# Same Dimension

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



B7BBBB



EBF2F2



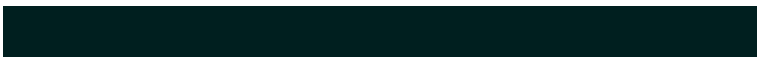
B7B9BB



5B5E5E



009E9E



001F1F



# Inverse Universe

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



BBB7BB



F2EBF2



BBB9B7



5E5B5E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color B7BBBB looks on a white background.

## Color Contrast Check

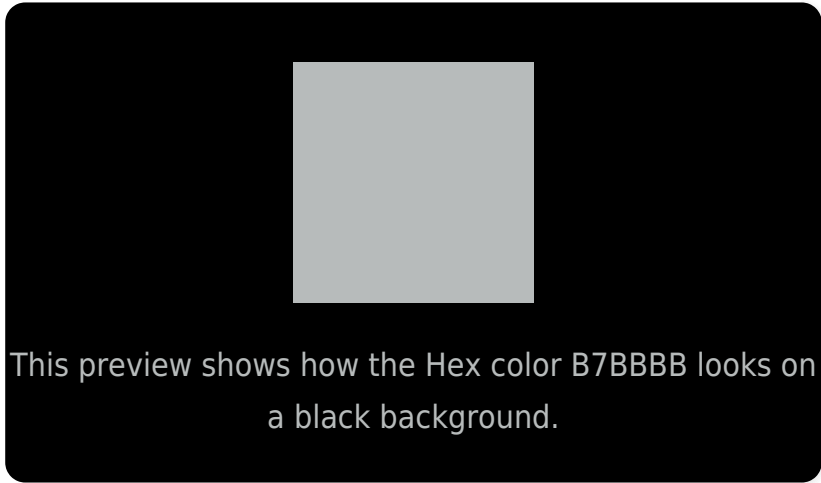
Large Text (above 18pt) WCAG AA × Fail

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

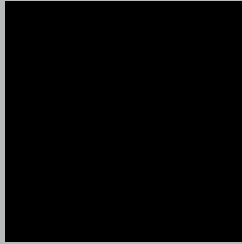
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

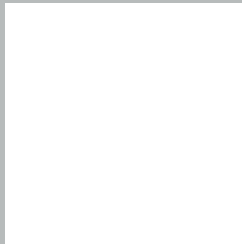
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7BBBB Background



This preview shows how black text looks on a background with the Hex color B7BBBB.



This preview shows how white text looks on a background with the Hex color B7BBBB.

# 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**  
B9B9C8

# Trichromacy



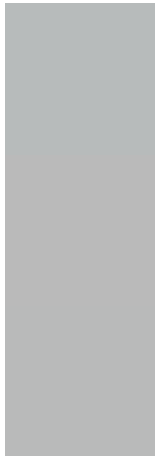
**Original Color**  
B7BBBB

**Protanomaly**  
BBBABA

**Deuteranomaly**  
C4B7BC

**Tritanomaly**  
B8BAC3

# Monochromacy



**Original Color**  
B7BBBB

**Achromatopsia**  
BABABA

**Achromatomaly**  
B9BABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BBBB 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 #B7BBBB looks like.

```
.text, #text, p{  
    color:#B7BBBB  
}
```

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 #B7BBBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BBBB
}
```

## Border

The CSS property to change the border of an element to Hex B7BBBB 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
#B7BBBB }
```

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

```
.border{ border-color:#B7BBBB }
```

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

Here you see how a box with a 4 pixel #B7BBBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BBBB; -webkit-box-shadow:4px 4px  
4px 4px #B7BBBB; box-shadow:4px 4px 4px  
4px #B7BBBB }
```

# Background

The CSS property to change the background color of an element to Hex B7BBBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BBBB }
```

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

```
.background{ background-color:#B7BBBB }
```

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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