

# Converting Colors

Hex(B9BBBB)

Have a look what the booklet for  
Hex(B9BBBB) contains.

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# **Color**

**Hex(B9BBBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9BBBB
RGB	185, 187, 187
RGB Percent	73%, 73%, 73%
CMY	0.2745, 0.2667, 0.2667
CMYK	0.01, 0.00, 0.00, 0.27
HSL	180°, 1%, 73%
HSV	180°, 1%, 73%
XYZ	46.7475, 49.4428, 54.0933
YIQ	186.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

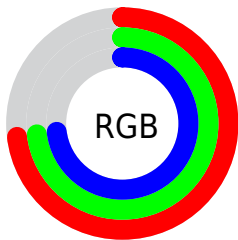
Format	Color
R <sub>Y</sub> B	185, 186, 187
Decimal	12172219
CIE Lab	75.73, -0.69, -0.25
CIE LCh	76, 0.737, 200.059
Yxy	49.4428, 0.3111, 0.3290
Android (android.graphics.Color)	4290362299 (0xFFB9BBBB)
YUV	186.4020, 0.2948, -1.2296
Hunter-Lab	70.3156, -4.3810, 3.6095

# Details

The Hex color **B9BBBB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBB9B9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F1F3F3**, and **848686** is the 20% darker color. If you saturate the color by 10%, you get **A6BBBB**, and if you desaturate by 10%, it is **CCBBBB**.

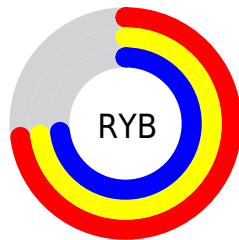
# Distribution



Red (73%)

Green (73%)

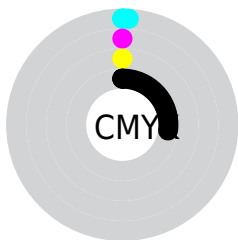
Blue (73%)



Red (73%)

Yellow (73%)

Blue (73%)

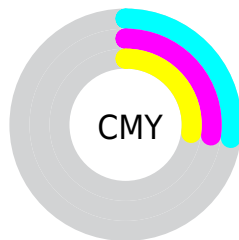


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9BBBB 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 B9BBBB by changing the saturation by 10% instead.



 B9BBBB

 B9BBBB

FFFFFF

 9EA0A0

 F1F3F3


 848686

 6B6D6D

 535454

 3C3D3D

 262828

 111313

 000000

 B9BBBB

 B9BBBB

 A6BBBB

 CCBBBB

 94BBBB

 DEBBBB

 81BBBB

 F1BBBB

 6EBBBB

 FFBBBB

 5CBBBB

 49BBBB

 36BBBB

 23BBBB

 11BBBB

# Harmonies

## Analogous

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



B9BBBA



B9BBBB



B9BBBC

# Triad

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



B9BBBB



BBBABB



BBBAB9

# Complementary

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



B9BBBB



BBB9B9

# 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.



BCBABA



B9BBBB



BCBABB

# Square

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



B9BBBB



BABABC



BCBABA



BBBBB9

# Rectangle

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



B9BBBB



B9BBBC



BCBABA



BCBAB9



# Sweetspot

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



B9BBBB



F2F2F2



B9BBB9



7A7A7A



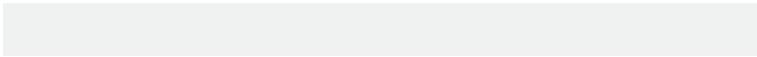
FAFAFA

# Same Dimension

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



B9BBBB



F0F2F2



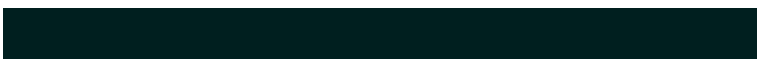
B9BABB



5D5E5E



009E9E



001F1F

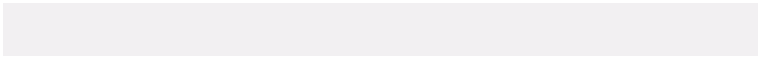


# Inverse Universe

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



BBB9BB



F2F0F2



BBBAB9



5E5D5E



9E009E

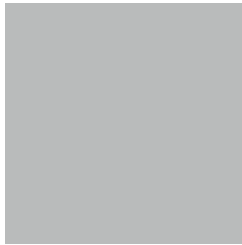


1F001F



# Previews

## White Background



This preview shows how the Hex color B9BBBB looks on a white background.

## Color Contrast Check

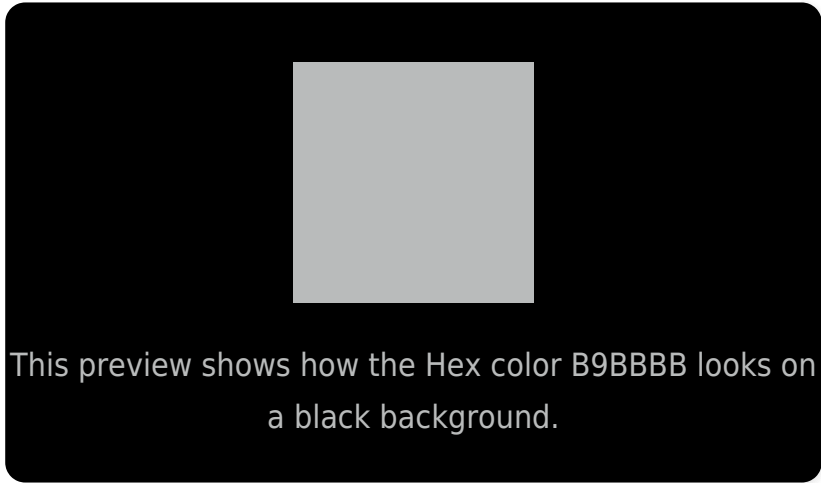
Large Text (above 18pt) WCAG AA × Fail

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

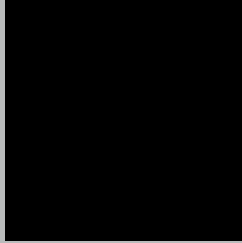
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

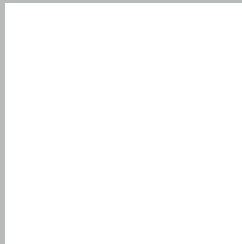
Any Text WCAG AAA ✓ Pass

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

## Hex B9BBBB Background



This preview shows how black text looks on a background with the Hex color B9BBBB.



This preview shows how white text looks on a background with the Hex color B9BBBB.



# 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**  
BBB9C8

# Trichromacy



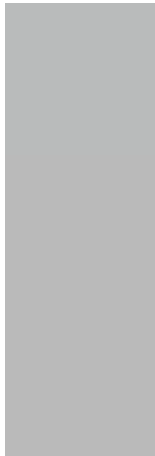
**Original Color**  
B9BBBB

**Protanomaly**  
BCBABA

**Deuteranomaly**  
C5B7BC

**Tritanomaly**  
BABAC3

# Monochromacy



**Original Color**  
B9BBBB

**Achromatopsia**  
BABABA

**Achromatomaly**  
BABABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9BBBB 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 #B9BBBB looks like.

```
.text, #text, p{  
    color:#B9BBBB  
}
```

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 #B9BBBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9BBBB }  
}
```

## Border

The CSS property to change the border of an element to Hex B9BBBB 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 #B9BBBB }  
}
```

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

```
.border{ border-color:#B9BBBB }
```

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

Here you see how a box with a 4 pixel #B9BBBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9BBBB; -webkit-box-shadow:4px 4px  
4px 4px #B9BBBB; box-shadow:4px 4px 4px  
4px #B9BBBB }
```

# Background

The CSS property to change the background color of an element to Hex B9BBBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9BBBB }
```

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

```
.background{ background-color:#B9BBBB }
```

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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