

# Converting Colors

Hex(B9B9B7)

Have a look what the booklet for  
Hex(B9B9B7) contains.

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# **Color**

**Hex(B9B9B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B9B7
RGB	185, 185, 183
RGB Percent	73%, 73%, 72%
CMY	0.2745, 0.2745, 0.2824
CMYK	0.00, 0.00, 0.01, 0.27
HSL	60°, 1%, 72%
HSV	60°, 1%, 73%
XYZ	45.9038, 48.4311, 51.7285
YIQ	184.7720, 0.6420, -0.6220

# Conversions

## Conversions Part 2

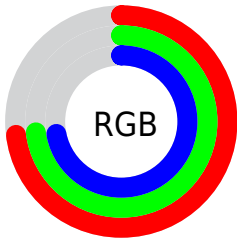
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 185, 183
Decimal	12171703
CIE Lab	75.10, -0.37, 1.00
CIE LCh	75, 1.068, 110.019
Yxy	48.4311, 0.3143, 0.3316
Android (android.graphics.Color)	4290361783 (0xFFB9B9B7)
YUV	184.7720, -0.8736, 0.2000
Hunter-Lab	69.5925, -4.0467, 4.6441

# Details

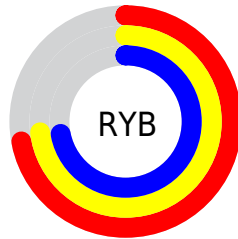
The Hex color **B9B9B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B7B9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F1F1EF**, and **848482** is the 20% darker color. If you saturate the color by 10%, you get **B9B9A5**, and if you desaturate by 10%, it is **B9B9CA**.

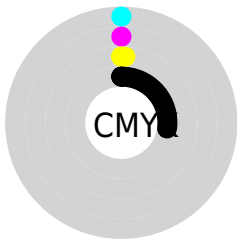
# Distribution



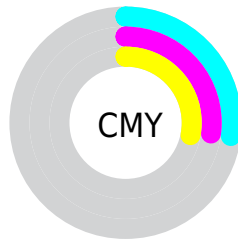
- Red (73%)
- Green (73%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B9B7 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 B9B9B7 by changing the saturation by 10% instead.



 B9B9B7

 B9B9B7

FFFFFF

 9E9E9C

 F1F1EF


 848482

 6B6B69

 535351

 3C3C3A

 262624

 11110F

 000000

 B9B9B7

 B9B9B7

 B9B9A5

 B9B9CA

 B9B992

 B9B9DC

 B9B980

 B9B9EE

 B9B96D

 B9B9FF

 B9B95A

 B9B948

 B9B936

 B9B923

 B9B910

# Harmonies

## Analogous

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



BAB9B7



B9B9B7



B8B9B8

# Triad

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



B9B9B7



B7B9BA



BBB8B9

# Complementary

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



B9B9B7



B7B7B9

# 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.



BAB8BA



B9B9B7



B8B9BB

# Square

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



B9B9B7



B7B9B9



B9B9BB



BBB8B8

# Rectangle

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



B9B9B7



B7B9B8



B9B9BB



BAB8BA



# Sweetspot

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



B9B9B7



F0F0F0



B9B7B7



787878



F7F7F7

# Same Dimension

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



B9B9B7



F0F0ED



B8B9B7



5C5C5B



9C9C00



1C1C00

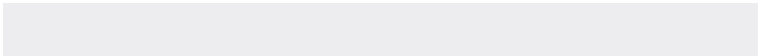


# Inverse Universe

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



B7B7B9



EDEDFO



B8B7B9



5B5B5C



00009C



00001C



# Previews

## White Background



This preview shows how the Hex color B9B9B7 looks on a white background.

## Color Contrast Check

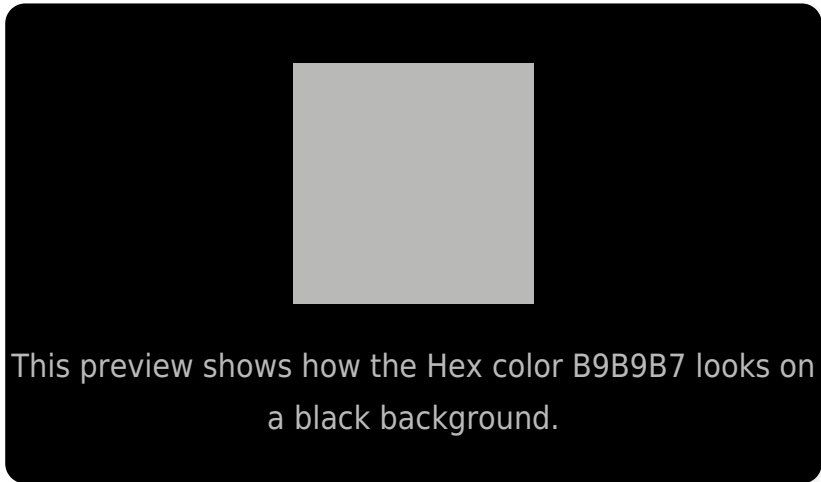
Large Text (above 18pt) WCAG AA × Fail

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

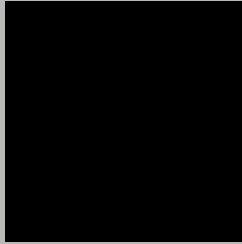
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

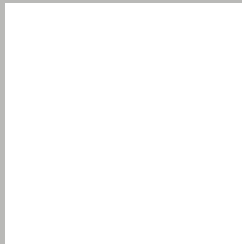
Any Text WCAG AAA ✓ Pass

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

## Hex B9B9B7 Background



This preview shows how black text looks on a background with the Hex color B9B9B7.



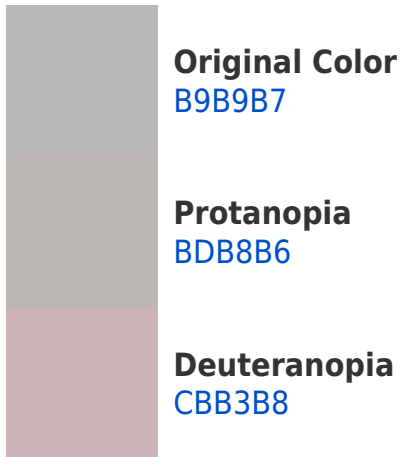
This preview shows how white text looks on a background with the Hex color B9B9B7.



# 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**  
BBB7C5

# Trichromacy



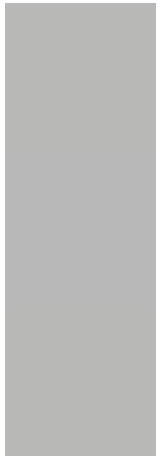
**Original Color**  
B9B9B7

**Protanomaly**  
BCB8B6

**Deuteranomaly**  
C4B5B8

**Tritanomaly**  
BAB8C0

# Monochromacy



**Original Color**  
B9B9B7

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B9B9B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B9B7 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 #B9B9B7 looks like.

```
.text, #text, p{  
    color:#B9B9B7  
}
```

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 #B9B9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B9B7
}
```

## Border

The CSS property to change the border of an element to Hex B9B9B7 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
#B9B9B7 }
```

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

```
.border{ border-color:#B9B9B7 }
```

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

Here you see how a box with a 4 pixel #B9B9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B9B7; -webkit-box-shadow:4px 4px  
4px 4px #B9B9B7; box-shadow:4px 4px 4px  
4px #B9B9B7 }
```

# Background

The CSS property to change the background color of an element to Hex B9B9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B9B7 }
```

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

```
.background{ background-color:#B9B9B7 }
```

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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