

# Converting Colors

Hex(B9BB93)

Have a look what the booklet for  
Hex(B9BB93) contains.

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**Color**

**Hex(B9BB93)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B9BB93                      |
| RGB         | 185, 187, 147               |
| RGB Percent | 73%, 73%, 58%               |
| CMY         | 0.2745, 0.2667, 0.4235      |
| CMYK        | 0.01, 0.00, 0.21, 0.27      |
| HSL         | 63°, 23%, 65%               |
| HSV         | 63°, 21%, 73%               |
| XYZ         | 43.0444, 47.9615, 34.5926   |
| YIQ         | 181.8420, 11.6480, -12.8640 |

# Conversions

## Conversions Part 2

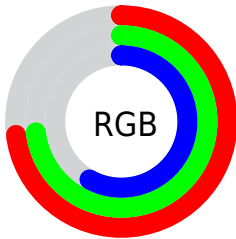
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 147, 187, 149                 |
| Decimal                             | 12172179                      |
| CIE Lab                             | 74.80, -7.41, 20.08           |
| CIE LCh                             | 75, 21.407, 110.261           |
| Yxy                                 | 47.9615, 0.3427,<br>0.3819    |
| Android<br>(android.graphics.Color) | 4290362259<br>(0xFFB9BB93)    |
| YUV                                 | 181.8420, -17.1771,<br>2.7696 |
| Hunter-Lab                          | 69.2543, -10.2499,<br>18.8626 |

# Details

The Hex color **B9BB93** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9593BB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F1F3C9**, and **848660** is the 20% darker color. If you saturate the color by 10%, you get **B8BB80**, and if you desaturate by 10%, it is **BABBA6**.

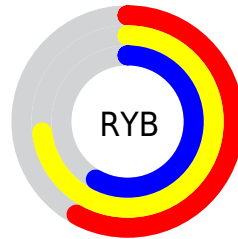
# Distribution



Red (73%)

Green (73%)

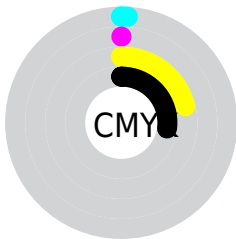
Blue (58%)



Red (58%)

Yellow (73%)

Blue (58%)

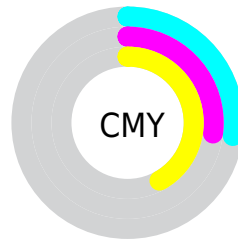


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9BB93 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 B9BB93 by changing the saturation by 10% instead.



 B9BB93

 B9BB93

FFFFFF

 9EA079

 F1F3C9

 848660

 FFFFE5

 6A6D48

 515431

 3A3D1C

 242803

 081400

 000000

 B9BB93

 B9BB93

 B8BB80

 BABBA6

 B7BB6E

 BBBB8

 B6BB5B

 BCBB8

 B5BB48

 BDBBDE

 B4BB36

 BEBBF1

 B3BB23

 BFBBFF

 B2BB10

 C0BBFF

 B2BB00

 C1BBFF

# Harmonies

## Analogous

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



CDB592



B9BB93



A2C09E

# Triad

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



B9BB93



86C1D6



DCABBF

# Complementary

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



B9BB93



9593BB

# 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.



CBAFD1



B9BB93



99BCDE

# Square

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



B9BB93



82C3C5



B3B5DD



E1ABAB

# Rectangle

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



B9BB93



94C2AA



B3B5DD



D7ACC6



# Sweetspot

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



B9BB93



F2F2E4



BB9593



7A7A72



FAFAFA



7A7A7A



# Same Dimension

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



B9BB93



EFF2B3



A6BB93



5E5E55



969E00



1D1F00



# Inverse Universe

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



9593BB



B6B3F2



A993BB



55555E



08009E



02001F



# Previews

## White Background



This preview shows how the Hex color B9BB93 looks on a white background.

## Color Contrast Check

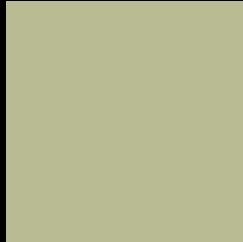
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B9BB93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

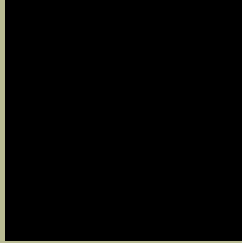
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

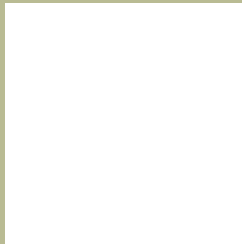
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9BB93 Background



This preview shows how black text looks on a background with the Hex color B9BB93.



This preview shows how white text looks on a background with the Hex color B9BB93.

# 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](#).

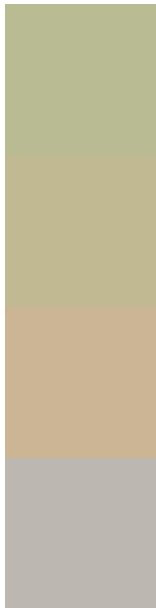
## Dichromacy





**Tritanopia**  
BFB5C3

# Trichromacy



**Original Color**  
B9BB93

**Protanomaly**  
C0B992

**Deuteranomaly**  
CBB594

**Tritanomaly**  
BDB7B2

# Monochromacy



**Original Color**  
B9BB93

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B7B8A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9BB93 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 #B9BB93 looks like.

```
.text, #text, p{  
    color:#B9BB93  
}
```

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 #B9BB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9BB93
}
```

## Border

The CSS property to change the border of an element to Hex B9BB93 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
#B9BB93 }
```

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

```
.border{ border-color:#B9BB93 }
```

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

Here you see how a box with a 4 pixel #B9BB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9BB93; -webkit-box-shadow:4px 4px  
4px 4px #B9BB93; box-shadow:4px 4px 4px  
4px #B9BB93 }
```

# Background

The CSS property to change the background color of an element to Hex B9BB93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9BB93 }
```

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

```
.background{ background-color:#B9BB93 }
```

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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