

# Converting Colors

Hex(B999BB)

Have a look what the booklet for  
Hex(B999BB) contains.

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**Color**

**Hex(B999BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B999BB
RGB	185, 153, 187
RGB Percent	73%, 60%, 73%
CMY	0.2745, 0.4000, 0.2667
CMYK	0.01, 0.18, 0.00, 0.27
HSL	296°, 20%, 67%
HSV	296°, 18%, 73%
XYZ	40.3685, 36.6846, 51.9669
YIQ	166.4440, 8.1580, 17.3580

# Conversions

## Conversions Part 2

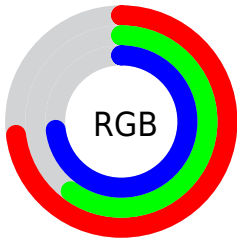
Format	Color
<a href="#">RYB</a>	<a href="#">185, 153, 187</a>
Decimal	<a href="#">12163515</a>
CIELab	<a href="#">67.04, 17.91, -13.13</a>
CIELCh	<a href="#">67, 22.206, 323.766</a>
Yxy	<a href="#">36.6846, 0.3129, 0.2843</a>
Android (android.graphics.Color)	<a href="#">4290353595 (0xFFB999BB)</a>
YUV	<a href="#">166.4440, 10.1341, 16.2736</a>
Hunter-Lab	<a href="#">60.5678, 12.9766, -8.4731</a>

# Details

The Hex color **B999BB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9BBB99**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F1CFF3**, and **846686** is the 20% darker color. If you saturate the color by 10%, you get **B886BB**, and if you desaturate by 10%, it is **BAACBB**.

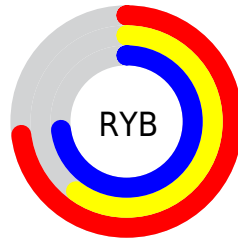
# Distribution



Red (73%)

Green (60%)

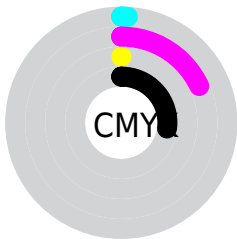
Blue (73%)



Red (73%)

Yellow (60%)

Blue (73%)

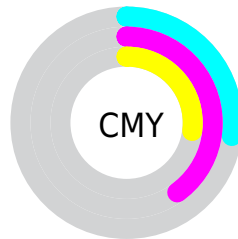


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B999BB 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 B999BB by changing the saturation by 10% instead.



 B999BB

 B999BB

FFFFFF

 9E7FA0

 F1CFF3

 846686

 FFECFF

 6A4E6C

 523754

 3A213D

 240C27

 040012

 000000

 B999BB

 B999BB

 B886BB

 BAACBB

 B774BB

 BBEBBB

 B661BB

 BCD1BB

 B54EBB

 BDE4BB

 B43BBB

 BEF6BB

 B229BB

 C0FFBB

 B116BB

 C1FFBB

 B003BB

 C2FFBB

 B000BB

 C3FFBB

# Harmonies

## Analogous

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



A19FC8



B999BB



C895A8

# Triad

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



B999BB



B6A07C



6AAEB2

# Complementary

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



**B999BB**



**9BBB99**

# 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.



76AE9E



B999BB



A1A77E

# Square

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



B999BB



C69A84



8AAC8B



70ABC3

# Rectangle

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



B999BB



CC959B



8AAC8B



6DAFAC



# Sweetspot

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



B999BB



F2E6F2



999BBB



7A737A



FAFAFA



7A7A7A



# Same Dimension

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



B999BB



EFBDF2



BB99AC



5E555E



95009E



1D001F



# Inverse Universe

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



BB999B



F2BDC0



99BBA8



5E5555



9E0009

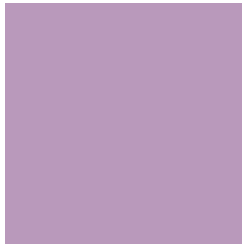


1F0002



# Previews

## White Background



This preview shows how the Hex color B999BB looks on a white background.

## Color Contrast Check

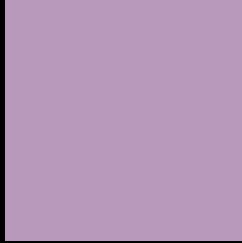
Large Text (above 18pt) WCAG AA × Fail

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 B999BB 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 B999BB Background



This preview shows how black text looks on a background with the Hex color B999BB.



This preview shows how white text looks on a background with the Hex color B999BB.

# 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



**Original Color**  
B999BB

**Protanopia**  
9DA2C1

**Deuteranopia**  
A99FBA



**Tritanopia**  
B69CA8

# Trichromacy



**Original Color**  
B999BB

**Protanomaly**  
A79FBF

**Deuteranomaly**  
AF9DBA

**Tritanomaly**  
B79BAF

# Monochromacy



**Original Color**  
B999BB

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
ADA1AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B999BB 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 #B999BB looks like.

```
.text, #text, p{  
    color:#B999BB  
}
```

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 #B999BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B999BB
}
```

## Border

The CSS property to change the border of an element to Hex B999BB 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
#B999BB }
```

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

```
.border{ border-color:#B999BB }
```

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

Here you see how a box with a 4 pixel #B999BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B999BB; -webkit-box-shadow:4px 4px  
4px 4px #B999BB; box-shadow:4px 4px 4px  
4px #B999BB }
```

# Background

The CSS property to change the background color of an element to Hex B999BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B999BB }
```

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

```
.background{ background-color:#B999BB }
```

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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