

# Converting Colors

Hex(B98BB8)

Have a look what the booklet for  
Hex(B98BB8) contains.

<b>Hex(B98BB8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B98BB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B98BB8
RGB	185, 139, 184
RGB Percent	73%, 55%, 72%
CMY	0.2745, 0.4549, 0.2784
CMYK	0.00, 0.25, 0.01, 0.27
HSL	301°, 25%, 64%
HSV	301°, 25%, 73%
XYZ	37.8919, 32.2402, 49.5733
YIQ	157.8840, 12.9710, 23.7470

# Conversions

## Conversions Part 2

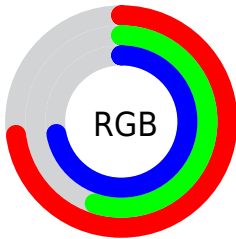
Format	Color
<a href="#">RYB</a>	<a href="#">185, 139, 184</a>
Decimal	<a href="#">12159928</a>
CIELab	<a href="#">63.54, 25.14, -16.72</a>
CIELCh	<a href="#">64, 30.196, 326.377</a>
Yxy	<a href="#">32.2402, 0.3165, 0.2693</a>
Android (android.graphics.Color)	<a href="#">4290350008 (0xFFB98BB8)</a>
YUV	<a href="#">157.8840, 12.8752, 23.7807</a>
Hunter-Lab	<a href="#">56.7805, 19.7545, -12.0179</a>

# Details

The Hex color **B98BB8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BB98C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F2C1F0**, and **835883** is the 20% darker color. If you saturate the color by 10%, you get **B979B8**, and if you desaturate by 10%, it is **B99DB8**.

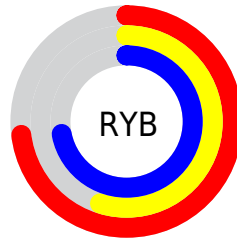
# Distribution



Red (73%)

Green (55%)

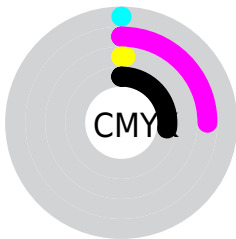
Blue (72%)



Red (73%)

Yellow (55%)

Blue (72%)

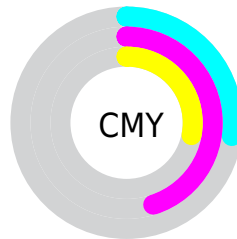


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B98BB8 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 B98BB8 by changing the saturation by 10% instead.



 B98BB8

 B98BB8

FFFFFF

 9E719D


 F2C1F0

 835883

 FFDDFF

 6A406A

 FFFAFF

 512951

 39133A

 240025

 00010D

 000000

 B98BB8

 B98BB8

 B979B8

 B99DB8

 B966B7

 B9B0B9

 B953B7

 B9C3B9

 B941B6

 B9D5BA

 B92FB6

 B9E7BA

 B91CB6

 B9FABA

 B909B5

 B9FFBB

 B900B5

 B9FFBC

# Harmonies

## Analogous

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



9994CA



B98BB8



CC869E

# Triad

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



B98BB8



AF9764



3EA8B1

# Complementary

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



**B98BB8**



**8BB98C**

# 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.



55A896



B98BB8



949F69

# Square

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



B98BB8



C48E6E



74A57B



4AA4C6

# Rectangle

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



B98BB8



CF868C



74A57B



43A9A8



# Sweetspot

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



B98BB8



F0DFEF



8C8BB9



786E78



F7F7F7



787878



# Same Dimension

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



B98BB8



F0A8EE



B98BA1



5C535C



9C0098



1C001B



# Inverse Universe

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



B98BB8



F0A8EE



8BB9A3



5C535C



9C0098

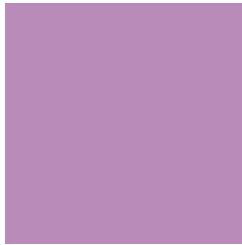


1C001B



# Previews

## White Background



This preview shows how the Hex color B98BB8 looks on a white background.

## Color Contrast Check

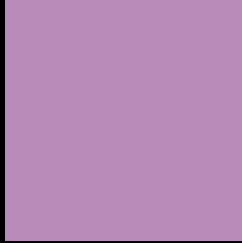
Large Text (above 18pt) WCAG AA × Fail

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 B98BB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

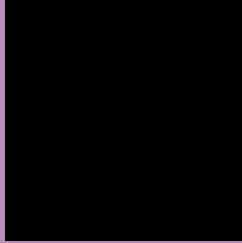
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B98BB8 Background



This preview shows how black text looks on a background with the Hex color B98BB8.

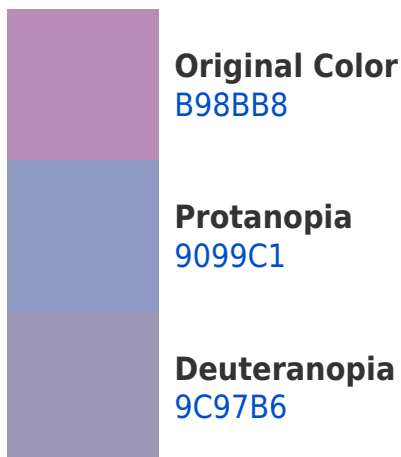


This preview shows how white text looks on a background with the Hex color B98BB8.

# 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](#).

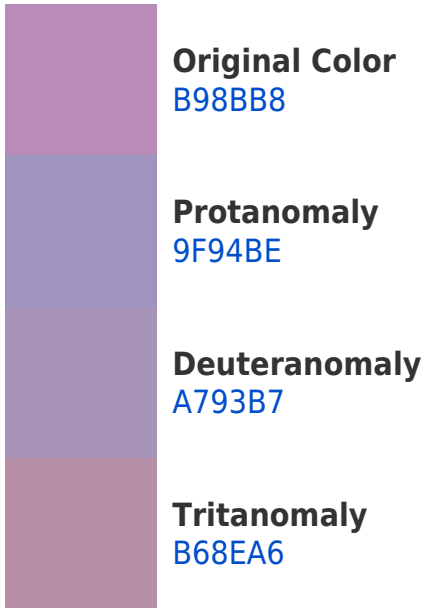
## Dichromacy



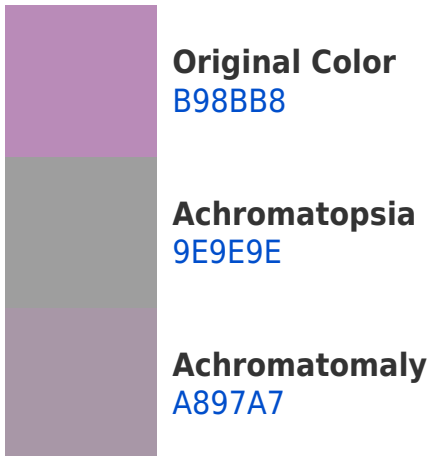


**Tritanopia**  
B5909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B98BB8 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 #B98BB8 looks like.

```
.text, #text, p{  
    color:#B98BB8  
}
```

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 #B98BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B98BB8
}
```

## Border

The CSS property to change the border of an element to Hex B98BB8 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
#B98BB8 }
```

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

```
.border{ border-color:#B98BB8 }
```

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

Here you see how a box with a 4 pixel #B98BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B98BB8; -webkit-box-shadow:4px 4px  
4px 4px #B98BB8; box-shadow:4px 4px 4px  
4px #B98BB8 }
```

# Background

The CSS property to change the background color of an element to Hex B98BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B98BB8 }
```

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

```
.background{ background-color:#B98BB8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor