

# Converting Colors

Hex(BB97B3)

Have a look what the booklet for  
Hex(BB97B3) contains.

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# **Color**

**Hex(BB97B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB97B3
RGB	187, 151, 179
RGB Percent	73%, 59%, 70%
CMY	0.2667, 0.4078, 0.2980
CMYK	0.00, 0.19, 0.04, 0.27
HSL	313°, 21%, 66%
HSV	313°, 19%, 73%
XYZ	39.6968, 35.9527, 47.4951
YIQ	164.9560, 12.4680, 16.3400

# Conversions

## Conversions Part 2

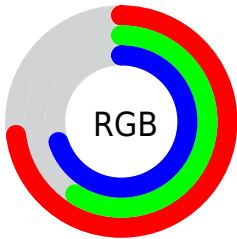
Format	Color
<a href="#">RYB</a>	<a href="#">187, 151, 179</a>
Decimal	<a href="#">12294067</a>
CIELab	<a href="#">66.48, 18.21, -9.47</a>
CIElCh	<a href="#">66, 20.525, 332.536</a>
Yxy	<a href="#">35.9527, 0.3224, 0.2920</a>
Android (android.graphics.Color)	<a href="#">4290484147</a> ( <a href="#">0xFFBB97B3</a> )
YUV	<a href="#">164.9560, 6.9237, 19.3326</a>
Hunter-Lab	<a href="#">59.9606, 13.2447, -4.9916</a>

# Details

The Hex color **BB97B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97BB9F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F3CDEB**, and **85647E** is the 20% darker color. If you saturate the color by 10%, you get **BB84AF**, and if you desaturate by 10%, it is **BBAAB7**.

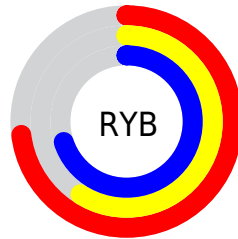
# Distribution



Red (73%)

Green (59%)

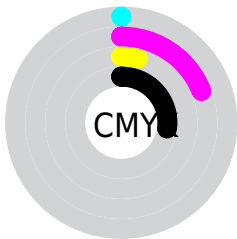
Blue (70%)



Red (73%)

Yellow (59%)

Blue (70%)

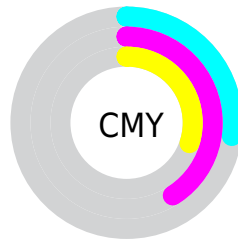


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB97B3 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 BB97B3 by changing the saturation by 10% instead.





BB97B3



BB97B3

FFFFFF



A07D98



F3CDEB



85647E



FFEAFF



6C4C65



53354D



3C1F37



260921



040008



000000



BB97B3



BB97B3

 BB84AF

 BBAAB7

 BB72AB

 BBBCBB

 BB5FA7

 BBCFBF

 BB4CA2

 BBE2C4

 BB399E

 BBF5C8

 BB279A

 BBFFCC

 BB1496

 BBFFD0

 BB0192

 BBFFD4

 BB0091

 BBFFD8

# Harmonies

## Analogous

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



A79CC1



BB97B3



C695A1

# Triad

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



BB97B3



AEA17D



6EABB5

# Complementary

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



BB97B3



97BB9F

# 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.



74ACA3



BB97B3



9AA782

# Square

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



BB97B3



BE9B82



85AB90



78A8C2

# Rectangle

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



BB97B3



C89594



85AB90



6FACAF



# Sweetspot

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



BB97B3



F2E4EF



9F97BB



7A7278



FAFAFA



7A7A7A



# Same Dimension

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



BB97B3



F2BBE6



BB97A1



5E555C



9E007B



1F0018



# Inverse Universe

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



BB97B3



F2BBE6



97BBB1



5E555C



9E007B

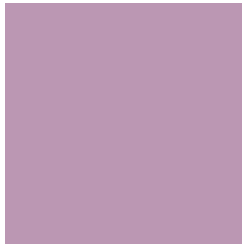


1F0018



# Previews

## White Background



This preview shows how the Hex color BB97B3 looks on a white background.

## Color Contrast Check

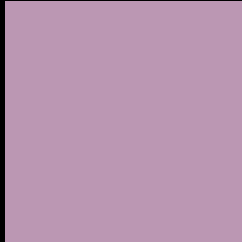
Large Text (above 18pt) WCAG AA × Fail

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 BB97B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

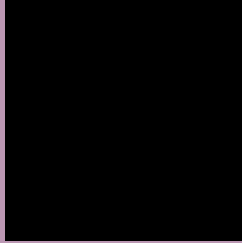
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB97B3 Background



This preview shows how black text looks on a background with the Hex color BB97B3.

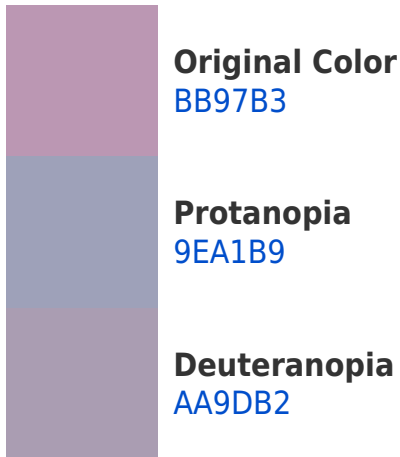


This preview shows how white text looks on a background with the Hex color BB97B3.

# 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**  
B999A5

# Trichromacy



**Original Color**  
BB97B3

**Protanomaly**  
A99DB7

**Deuteranomaly**  
B09BB2

**Tritanomaly**  
BA98AA

# Monochromacy



**Original Color**  
BB97B3

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
ADA0AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB97B3 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 #BB97B3 looks like.

```
.text, #text, p{  
  color:#BB97B3  
}
```

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 #BB97B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB97B3
}
```

## Border

The CSS property to change the border of an element to Hex BB97B3 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
#BB97B3 }
```

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

```
.border{ border-color:#BB97B3 }
```

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

Here you see how a box with a 4 pixel #BB97B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB97B3; -webkit-box-shadow:4px 4px  
4px 4px #BB97B3; box-shadow:4px 4px 4px  
4px #BB97B3 }
```

# Background

The CSS property to change the background color of an element to Hex BB97B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB97B3 }
```

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

```
.background{ background-color:#BB97B3 }
```

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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