

# Converting Colors

Hex(BB93BD)

Have a look what the booklet for  
Hex(BB93BD) contains.

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# **Color**

**Hex(BB93BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB93BD
RGB	187, 147, 189
RGB Percent	73%, 58%, 74%
CMY	0.2667, 0.4235, 0.2588
CMYK	0.01, 0.22, 0.00, 0.26
HSL	297°, 24%, 66%
HSV	297°, 22%, 74%
XYZ	40.1125, 35.1064, 52.8062
YIQ	163.7480, 10.3580, 21.5420

# Conversions

## Conversions Part 2

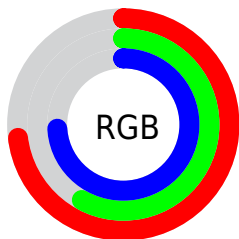
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 147, 189
Decimal	12293053
CIELab	65.83, 22.32, -16.05
CIELCh	66, 27.492, 324.292
Yxy	35.1064, 0.3133, 0.2742
Android (android.graphics.Color)	4290483133 (0xFFBB93BD)
YUV	163.7480, 12.4492, 20.3920
Hunter-Lab	59.2506, 17.1555, -11.3658

# Details

The Hex color **BB93BD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95BD93**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F4C9F5**, and **856088** is the 20% darker color. If you saturate the color by 10%, you get **BA80BD**, and if you desaturate by 10%, it is **BCA6BD**.

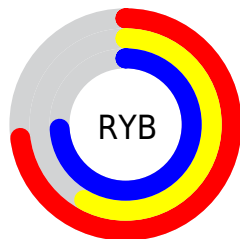
# Distribution



Red (73%)

Green (58%)

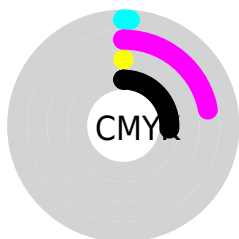
Blue (74%)



Red (73%)

Yellow (58%)

Blue (74%)

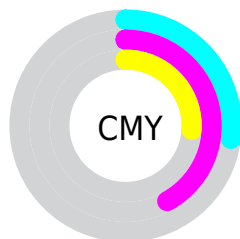


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (42%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB93BD 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 BB93BD by changing the saturation by 10% instead.



 BB93BD

 BB93BD

FFFFFF

 A079A2

 F4C9F5

 856088

 FFE5FF

 6C486E

 533156

 3B1B3E

 250428

 010013

 000000

 BB93BD

 BB93BD

 BA80BD

 BCA6BD

 B96DBD

 BDB9BD

 B85ABD

 BECCBD

 B747BD

 BFDFBD

 B734BD

 C0F2BD

 B622BD

 C0FFBD

 B50FBD

 C1FFBD

 B400BD

 C2FFBD

 C3FFBD

# Harmonies

## Analogous

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



9D9BCD



BB93BD



CD8EA6

# Triad

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



BB93BD



B69D6F



53ADB3

# Complementary

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



BB93BD



95BD93

# 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.



65AD9A



BB93BD



9DA573

# Square

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



BB93BD



C99579



80AA82



5BAAC7

# Rectangle

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



BB93BD



D28E95



80AA82



57AEAB



# Sweetspot

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



BB93BD



F4E4F5



9395BD



7A717A



FAFAFA



7A7A7A



# Same Dimension

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



BB93BD



F2B3F5



BD93AA



5E555E



97009E



1D001F



# Inverse Universe

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



BD9395



F5B3B6



93BDA6



5E5555



9E0008

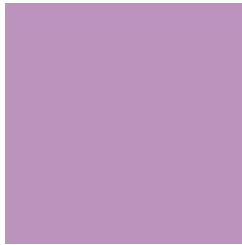


1F0001



# Previews

## White Background



This preview shows how the Hex color BB93BD looks on a white background.

## Color Contrast Check

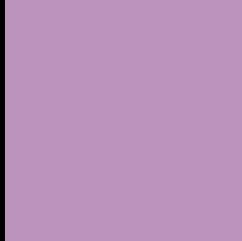
Large Text (above 18pt) WCAG AA × Fail

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 BB93BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

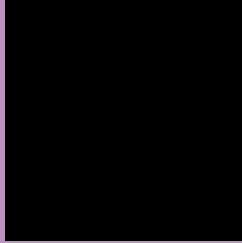
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB93BD Background



This preview shows how black text looks on a background with the Hex color BB93BD.

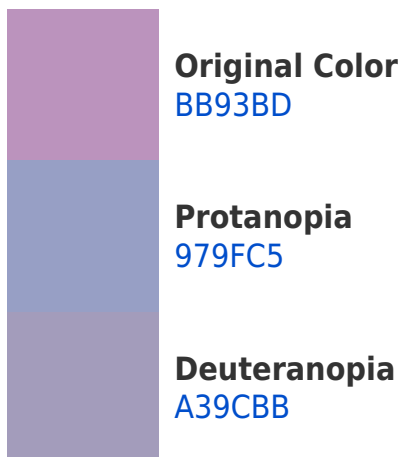


This preview shows how white text looks on a background with the Hex color BB93BD.

# 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**  
B798A3

# Trichromacy



**Original Color**  
BB93BD

**Protanomaly**  
A49BC2

**Deuteranomaly**  
AC99BC

**Tritanomaly**  
B896AC

# Monochromacy



**Original Color**  
BB93BD

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
AC9EAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB93BD 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 #BB93BD looks like.

```
.text, #text, p{  
    color:#BB93BD  
}
```

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 #BB93BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB93BD
}
```

## Border

The CSS property to change the border of an element to Hex BB93BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

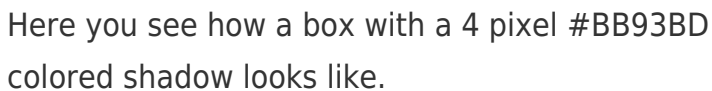
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB93BD }
```

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

```
.border{ border-color:#BB93BD }
```

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



Here you see how a box with a 4 pixel #BB93BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB93BD; -webkit-box-shadow:4px 4px  
4px 4px #BB93BD; box-shadow:4px 4px 4px  
4px #BB93BD }
```

# Background

The CSS property to change the background color of an element to Hex BB93BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB93BD }
```

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

```
.background{ background-color:#BB93BD }
```

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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