

# Converting Colors

Hex(B99BCA)

Have a look what the booklet for  
Hex(B99BCA) contains.

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# **Color**

**Hex(B99BCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B99BCA
RGB	185, 155, 202
RGB Percent	73%, 61%, 79%
CMY	0.2745, 0.3922, 0.2078
CMYK	0.08, 0.23, 0.00, 0.21
HSL	278°, 31%, 70%
HSV	278°, 23%, 79%
XYZ	42.3896, 38.0212, 60.9818
YIQ	169.3280, 2.7930, 20.9770

# Conversions

## Conversions Part 2

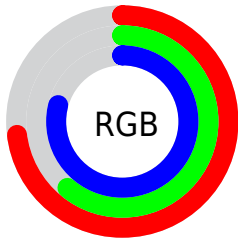
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 155, 202
Decimal	12164042
CIELab	68.04, 19.79, -19.97
CIELCh	68, 28.111, 314.739
Yxy	38.0212, 0.2998, 0.2689
Android (android.graphics.Color)	4290354122 (0xFFB99BCA)
YUV	169.3280, 16.1073, 13.7443
Hunter-Lab	61.6614, 14.8038, -15.4736

# Details

The Hex color **B99BCA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACCA9B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F1D2FF**, and **836894** is the 20% darker color. If you saturate the color by 10%, you get **B287CA**, and if you desaturate by 10%, it is **C0AFCA**.

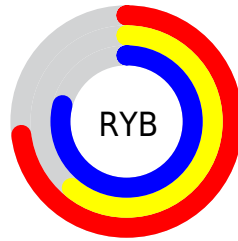
# Distribution



Red (73%)

Green (61%)

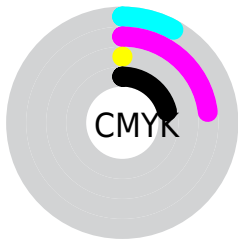
Blue (79%)



Red (73%)

Yellow (61%)

Blue (79%)

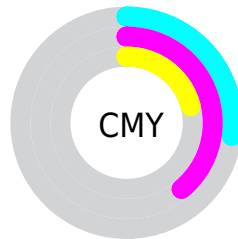


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (39%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99BCA 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 B99BCA by changing the saturation by 10% instead.



 B99BCA

 B99BCA

FFFFFF

 9E81AF

 F1D2FF

 836894

 FFEEFF

 6A4F7A

 513861

 3A2249

 230D32

 0A001D

 000000

 B99BCA

 B99BCA

 B287CA

 C0AFCA

 AA73CA

 C8C3CA

 A35ECA

 CFD8CA

 9C4ACA

 D6ECCA

 9436CA

 DEFFCA

 8D22CA

 E5FFCA

 860ECA

 ECFFCA

 8100CA

 F3FFCA

 FBFFCA

# Harmonies

## Analogous

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



97A4D7



B99BCA



D094B4

# Triad

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



B99BCA



C4A075



5BB4B2

# Complementary

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



B99BCA



ACCA9B

# 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.



71B398



B99BCA



ABA874

# Square

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



B99BCA



D49883



8FAF81



59B2C9

# Rectangle

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



B99BCA



D893A3



8FAF81



61B4A9



# Sweetspot

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



B99BCA



F9EDFF



9BACCA



7C7580



000000



808080



# Same Dimension

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



B99BCA



E5B8FF



CA9BC4



625C66



6A00A6



180026



# Inverse Universe

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



CA9BAC



FFB8D1



9BCAA1



665C5F



A6003C

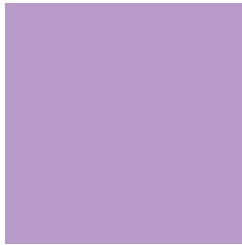


26000E



# Previews

## White Background



This preview shows how the Hex color B99BCA 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

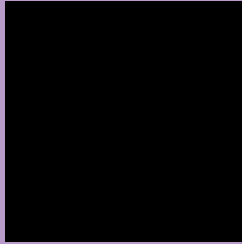
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B99BCA Background



This preview shows how black text looks on a background with the Hex color B99BCA.

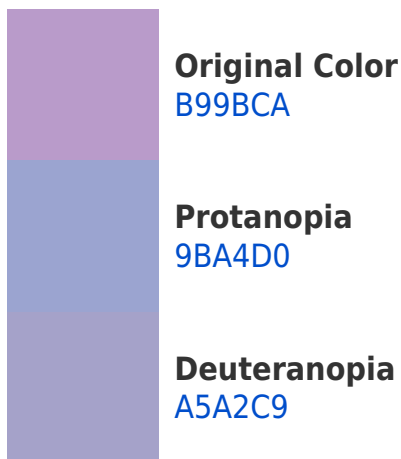


This preview shows how white text looks on a background with the Hex color B99BCA.

# 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](#).

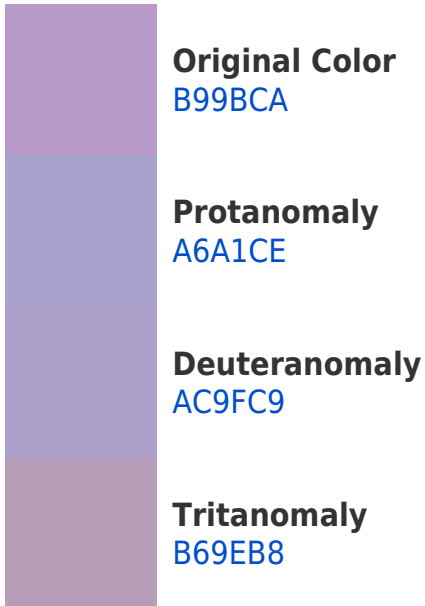
## Dichromacy



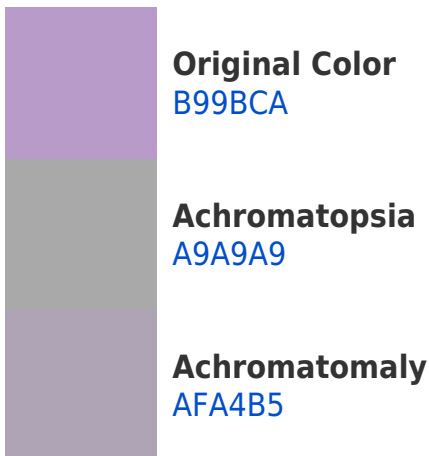


**Tritanopia**  
B4A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99BCA 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 #B99BCA looks like.

```
.text, #text, p{  
    color:#B99BCA  
}
```

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 #B99BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99BCA
}
```

## Border

The CSS property to change the border of an element to Hex B99BCA 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
#B99BCA }
```

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

```
.border{ border-color:#B99BCA }
```

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

Here you see how a box with a 4 pixel #B99BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99BCA; -webkit-box-shadow:4px 4px  
4px 4px #B99BCA; box-shadow:4px 4px 4px  
4px #B99BCA }
```

# Background

The CSS property to change the background color of an element to Hex B99BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99BCA }
```

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

```
.background{ background-color:#B99BCA }
```

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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