

# Converting Colors

Hex(B099CA)

Have a look what the booklet for  
Hex(B099CA) contains.

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**Color**

**Hex(B099CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B099CA
RGB	176, 153, 202
RGB Percent	69%, 60%, 79%
CMY	0.3098, 0.4000, 0.2078
CMYK	0.13, 0.24, 0.00, 0.21
HSL	268°, 32%, 70%
HSV	268°, 24%, 79%
XYZ	39.9564, 36.2768, 60.7733
YIQ	165.4630, -2.0210, 20.1150

# Conversions

## Conversions Part 2

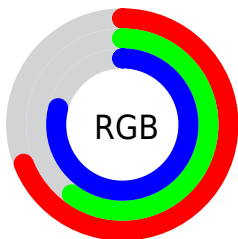
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 153, 202
Decimal	11573706
CIE <sub>Lab</sub>	66.73, 17.96, -22.03
CIE <sub>LCh</sub>	67, 28.423, 309.187
Yxy	36.2768, 0.2916, 0.2648
Android (android.graphics.Color)	4289763786 (0xFFB099CA)
YUV	165.4630, 18.0127, 9.2409
Hunter-Lab	60.2303, 13.0129, -17.6634

# Details

The Hex color **B099CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3CA99**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8CFFF**, and **7B6694** is the 20% darker color. If you saturate the color by 10%, you get **A585CA**, and if you desaturate by 10%, it is **BBADCA**.

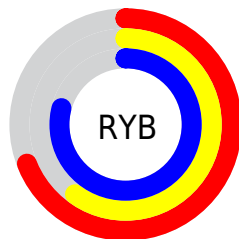
# Distribution



Red (69%)

Green (60%)

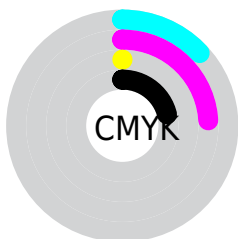
Blue (79%)



Red (69%)

Yellow (60%)

Blue (79%)

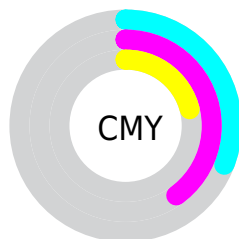


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (40%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B099CA 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 B099CA by changing the saturation by 10% instead.



 B099CA

 B099CA

FFFFFF

 957FAF

 E8CFFF

 7B6694

 FFECFF

 624E7A

 493761


 322149

 1C0C32

 00001D

 000000

 B099CA

 B099CA

 A585CA

 BBADCA

 9B71CA

 C5C1CA

 905CCA

 D0D6CA

 8548CA

 DBEACA

 7A34CA

 E6FECA

 7020CA

 F0FFCA

 650CCA

 FBFFCA

 5F00CA

 FFFFCA

# Harmonies

## Analogous

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



8DA2D4



B099CA



C992B5

# Triad

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



B099CA



C49B73



59B1AA

# Complementary

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



B099CA



B3CA99

# 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.



73AF8F



B099CA



ADA370

# Square

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



B099CA



D39383



90AA7A



52AFC2

# Rectangle

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



B099CA



D38FA4



90AA7A



60B0A1



# Sweetspot

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



B099CA



F6EDFF



99B3CA



7A7580



000000



808080



# Same Dimension

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



B099CA



D8B5FF



C899CA



615C66



4E00A6



120026



# Inverse Universe

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



CA99B3



FFB5DC



9BCA99



665C61



A60058

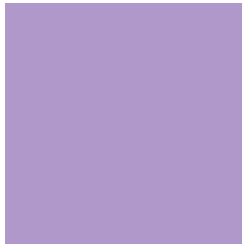


260014



# Previews

## White Background



This preview shows how the Hex color B099CA looks on a white background.

## Color Contrast Check

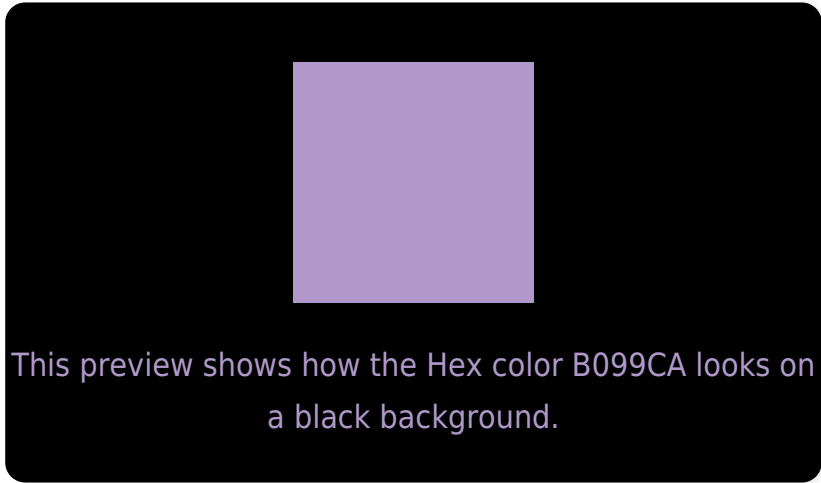
Large Text (above 18pt) WCAG AA × Fail

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

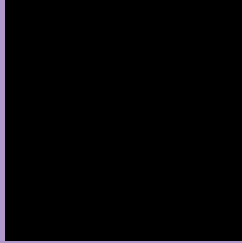
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B099CA Background



This preview shows how black text looks on a background with the Hex color B099CA.



This preview shows how white text looks on a background with the Hex color B099CA.

# 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**  
B099CA

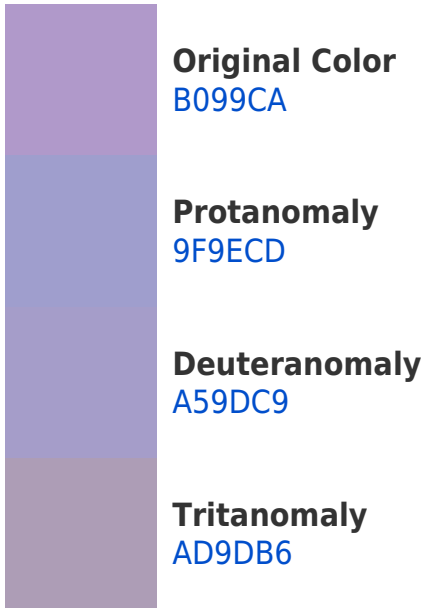
**Protanopia**  
96A1CF

**Deuteranopia**  
9F9FC9

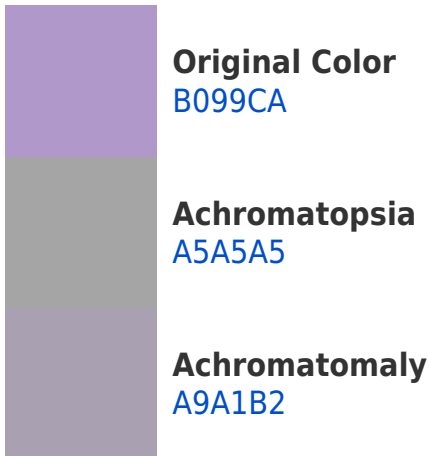


**Tritanopia**  
AB9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B099CA 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 #B099CA looks like.

```
.text, #text, p{  
    color:#B099CA  
}
```

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 #B099CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B099CA
}
```

## Border

The CSS property to change the border of an element to Hex B099CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

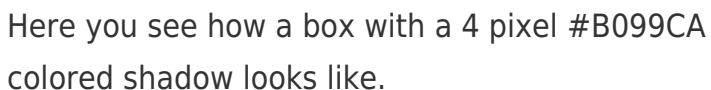
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B099CA }
```

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

```
.border{ border-color:#B099CA }
```

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



Here you see how a box with a 4 pixel `#B099CA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B099CA; -webkit-box-shadow:4px 4px  
4px 4px #B099CA; box-shadow:4px 4px 4px  
4px #B099CA }
```

# Background

The CSS property to change the background color of an element to Hex B099CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B099CA }
```

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

```
.background{ background-color:#B099CA }
```

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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