

# Converting Colors

Hex(B097CC)

Have a look what the booklet for  
Hex(B097CC) contains.

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# **Color**

**Hex(B097CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B097CC
RGB	176, 151, 204
RGB Percent	69%, 59%, 80%
CMY	0.3098, 0.4078, 0.2000
CMYK	0.14, 0.26, 0.00, 0.20
HSL	268°, 34%, 70%
HSV	268°, 26%, 80%
XYZ	39.8702, 35.7230, 61.9206
YIQ	164.5170, -2.1130, 21.7830

# Conversions

## Conversions Part 2

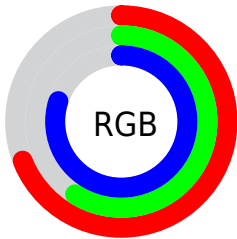
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 151, 204
Decimal	11573196
CIE Lab	66.31, 19.51, -23.79
CIE LCh	66, 30.769, 309.361
Yxy	35.7230, 0.2899, 0.2598
Android (android.graphics.Color)	4289763276 (0xFFB097CC)
YUV	164.5170, 19.4651, 10.0706
Hunter-Lab	59.7687, 14.4777, -19.5866

# Details

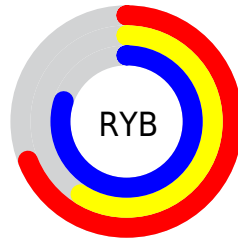
The Hex color **B097CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3CC97**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E8CDFF**, and **7B6496** is the 20% darker color. If you saturate the color by 10%, you get **A583CC**, and if you desaturate by 10%, it is **BBABCC**.

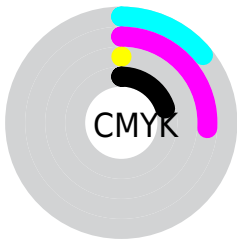
# Distribution



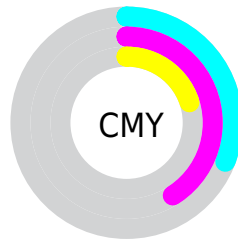
- Red (69%)
- Green (59%)
- Blue (80%)



- Red (69%)
- Yellow (59%)
- Blue (80%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (41%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B097CC 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 B097CC by changing the saturation by 10% instead.



 B097CC

 B097CC

FFFFFF

 957DB0

 E8CDFF

 7B6496

 FFEAFF

 624C7C

 493563

 321F4B

 1B0A34

 00001E

 000000

 B097CC

 B097CC

 A583CC

 BBABCC

 9A6ECC

 C6C0CC

 905ACC

 D0D4CC

 8545CC

 DBE9CC

 7A31CC

 E6FDCC

 6F1DCC

 F1FFCC

 6508CC

 FBFFCC

 6000CC

 FFFFCC

# Harmonies

## Analogous

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



89A1D7



B097CC



CB8FB5

# Triad

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



B097CC



C5996E



4EB0A9

# Complementary

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



B097CC



B3CC97

# 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.



6DAF8D



B097CC



ACA26A

# Square

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



B097CC



D5907F



8DAA76



45AFC3

# Rectangle

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



B097CC



D58CA3



8DAA76



58B0A0



# Sweetspot

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



B097CC



F4EBFF



97B3CC



797380



000000



808080



# Same Dimension

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



B097CC



D5B0FF



CA97CC



615C66



4E00A6



120026



# Inverse Universe

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



CC97B3



FFB0DA



99CC97



665C61



A60058

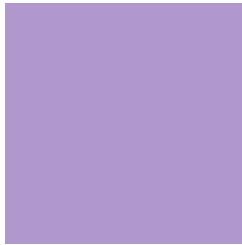


260014



# Previews

## White Background



This preview shows how the Hex color B097CC looks on a white background.

## Color Contrast Check

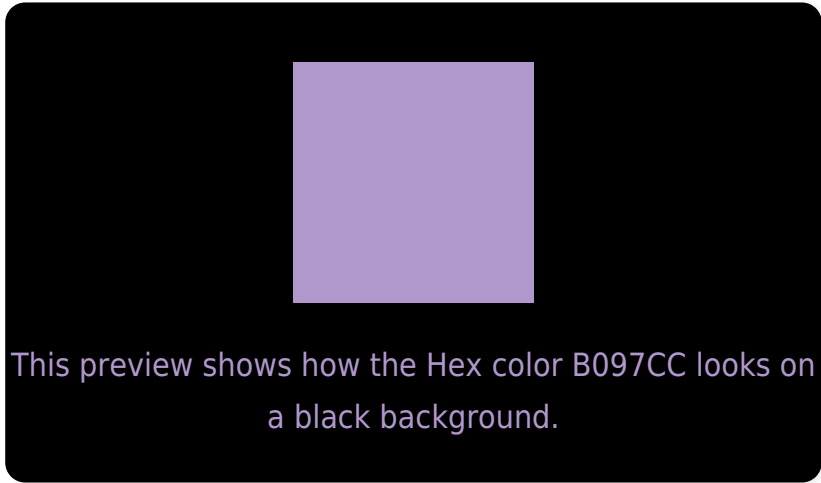
Large Text (above 18pt) WCAG AA × Fail

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

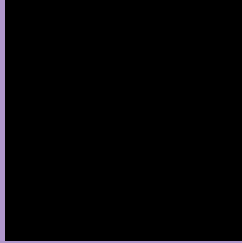
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B097CC Background



This preview shows how black text looks on a background with the Hex color B097CC.

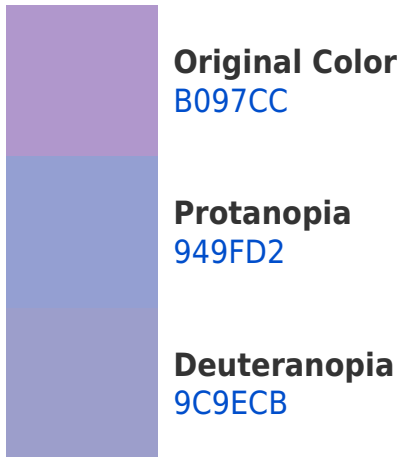


This preview shows how white text looks on a background with the Hex color B097CC.

# 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**  
AA9DAA

# Trichromacy



**Original Color**  
B097CC

**Protanomaly**  
9E9CD0

**Deuteranomaly**  
A39BCB

**Tritanomaly**  
AC9BB6

# Monochromacy



**Original Color**  
B097CC

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A9A0B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B097CC 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 #B097CC looks like.

```
.text, #text, p{  
    color:#B097CC  
}
```

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 #B097CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B097CC }  
}
```

## Border

The CSS property to change the border of an element to Hex B097CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

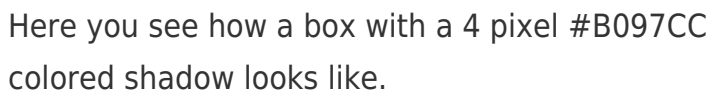
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B097CC }  
}
```

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

```
.border{ border-color:#B097CC }
```

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



Here you see how a box with a 4 pixel #B097CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B097CC; -webkit-box-shadow:4px 4px  
4px 4px #B097CC; box-shadow:4px 4px 4px  
4px #B097CC }
```

# Background

The CSS property to change the background color of an element to Hex B097CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B097CC }
```

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

```
.background{ background-color:#B097CC }
```

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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