

# Converting Colors

Hex(B097BF)

Have a look what the booklet for  
Hex(B097BF) contains.

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# **Color**

**Hex(B097BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B097BF
RGB	176, 151, 191
RGB Percent	69%, 59%, 75%
CMY	0.3098, 0.4078, 0.2510
CMYK	0.08, 0.21, 0.00, 0.25
HSL	278°, 24%, 67%
HSV	278°, 21%, 75%
XYZ	38.3751, 35.1249, 54.0474
YIQ	163.0350, 2.0600, 17.7400

# Conversions

## Conversions Part 2

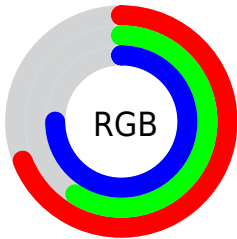
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 151, 191
Decimal	11573183
CIELab	65.85, 16.77, -17.24
CIELCh	66, 24.051, 314.198
Yxy	35.1249, 0.3009, 0.2754
Android (android.graphics.Color)	4289763263 (0xFFB097BF)
YUV	163.0350, 13.7867, 11.3703
Hunter-Lab	59.2663, 11.8633, -12.5827

# Details

The Hex color **B097BF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A6BF97**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E8CDF7**, and **7B648A** is the 20% darker color. If you saturate the color by 10%, you get **A984BF**, and if you desaturate by 10%, it is **B7AABF**.

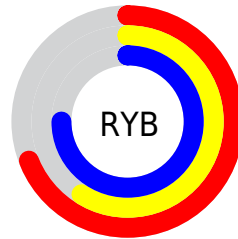
# Distribution



Red (69%)

Green (59%)

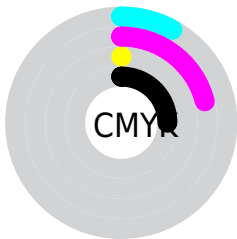
Blue (75%)



Red (69%)

Yellow (59%)

Blue (75%)

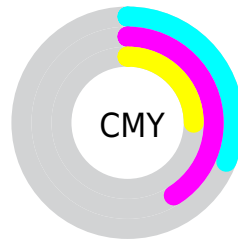


Cyan (8%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (41%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B097BF 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 B097BF by changing the saturation by 10% instead.



 B097BF

 B097BF

FFFFFF

 957DA4

 E8CDF7

 7B648A

 FFEAFF

 624C70

 4A3557

 331F40

 1D0A2A

 000115

 000000

 B097BF

 B097BF

 A984BF

 B7AABF

 A271BF

 BEBDBF

 9B5EBF

 C5D0BF

 934BBF

 CDE3BF

 8C37BF

 D4F7BF

 8524BF

 DBFFBF

 7E11BF

 E2FFBF

 7700BF

 E9FFBF

 F0FFBF

# Harmonies

## Analogous

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



949ECA



B097BF



C492AC

# Triad

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



B097BF



BA9B77



63ACAA

# Complementary

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



B097BF



A6BF97

# 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.



75AB94



B097BF



A5A276

# Square

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



B097BF



C89483



8DA881



63AABD

# Rectangle

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



B097BF



CB909E



8DA881



68ACA2



# Sweetspot

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



B097BF



F2E9F7



97A6BF



7A747D



FCFCFC



7D7D7D



# Same Dimension

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



B097BF



E0BAF7



BF97BA



5B555E



63009E



13001F



# Inverse Universe

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



BF97A6



F7BAD1



97BF9C



5E5558



9E003B

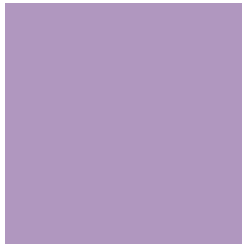


1F000B



# Previews

## White Background



This preview shows how the Hex color B097BF looks on a white background.

## Color Contrast Check

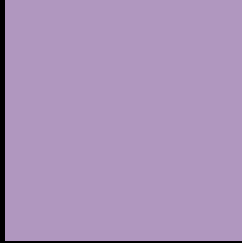
Large Text (above 18pt) WCAG AA × Fail

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 B097BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

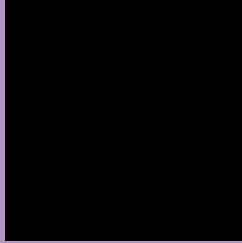
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B097BF Background



This preview shows how black text looks on a background with the Hex color B097BF.



This preview shows how white text looks on a background with the Hex color B097BF.

# 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**  
B097BF

**Protanopia**  
989FC4

**Deuteranopia**  
A19CBE



**Tritanopia**  
AC9BA7

# Trichromacy



**Original Color**  
B097BF

**Protanomaly**  
A19CC2

**Deuteranomaly**  
A69ABE

**Tritanomaly**  
AD9AB0

# Monochromacy



**Original Color**  
B097BF

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A89FAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B097BF 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 #B097BF looks like.

```
.text, #text, p{  
    color:#B097BF  
}
```

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 #B097BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B097BF
}
```

## Border

The CSS property to change the border of an element to Hex B097BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

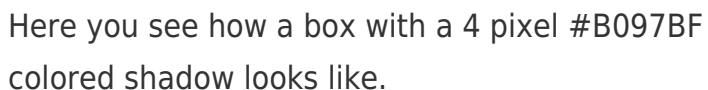
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B097BF }
```

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

```
.border{ border-color:#B097BF }
```

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



Here you see how a box with a 4 pixel #B097BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B097BF; -webkit-box-shadow:4px 4px  
4px 4px #B097BF; box-shadow:4px 4px 4px  
4px #B097BF }
```

# Background

The CSS property to change the background color of an element to Hex B097BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B097BF }
```

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

```
.background{ background-color:#B097BF }
```

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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