

# Converting Colors

Hex(B097B3)

Have a look what the booklet for  
Hex(B097B3) contains.

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**Color**

**Hex(B097B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B097B3</a>
RGB	<a href="#">176, 151, 179</a>
RGB Percent	<a href="#">69%, 59%, 70%</a>
CMY	<a href="#">0.3098, 0.4078, 0.2980</a>
<a href="#">CMYK</a>	<a href="#">0.02, 0.16, 0.00, 0.30</a>
HSL	<a href="#">294°, 16%, 65%</a>
HSV	<a href="#">294°, 16%, 70%</a>
XYZ	<a href="#">37.1078, 34.6180, 47.3740</a>
YIQ	<a href="#">161.6670, 5.9120, 14.0080</a>

# Conversions

## Conversions Part 2

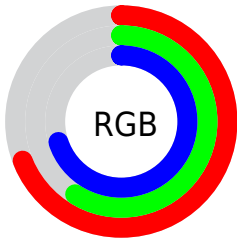
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 151, 179
Decimal	11573171
CIELab	65.45, 14.36, -11.12
CIELCh	65, 18.160, 322.247
Yxy	34.6180, 0.3116, 0.2907
Android (android.graphics.Color)	4289763251 (0xFFB097B3)
YUV	161.6670, 8.5452, 12.5700
Hunter-Lab	58.8371, 9.6128, -6.5527

# Details

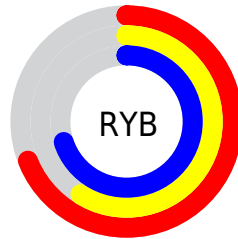
The Hex color **B097B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9AB397**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E8CDEB**, and **7B647E** is the 20% darker color. If you saturate the color by 10%, you get **AE85B3**, and if you desaturate by 10%, it is **B2A9B3**.

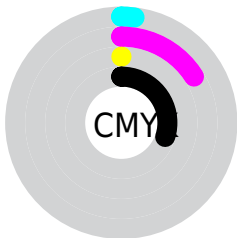
# Distribution



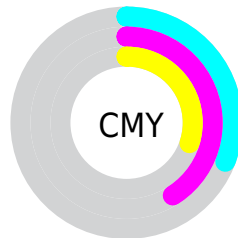
- Red (69%)
- Green (59%)
- Blue (70%)



- Red (69%)
- Yellow (59%)
- Blue (70%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (41%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B097B3 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 B097B3 by changing the saturation by 10% instead.



 B097B3

 B097B3

FFFFFF

 957D98

 E8CDEB

 7B647E

 FFEAFF

 624C65

 4A354D

 332036

 1E0A21

 000008

 000000

 B097B3

 B097B3

 AE85B3

 B2A9B3

 AC73B3

 B4BBB3

 AA61B3

 B6CDB3

 A84FB3

 B8DFB3

 A63EB3

 BAF1B3

 A42CB3

 BCFFB3

 A31AB3

 BDFFB3

 A108B3

 BFFFB3

 A000B3

 C1FFB3

# Harmonies

## Analogous

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



9C9CBD



B097B3



BD94A4

# Triad

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



B097B3



B09C7F



73A8AB

# Complementary

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



B097B3



9AB397

# 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.



7CA89A



B097B3



9FA281

# Square

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



B097B3



BC9786



8CA68B



77A6B8

# Rectangle

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



B097B3



C19499



8CA68B



75A8A5



# Sweetspot

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



B097B3



E7DCE8



979AB3



756E75



F5F5F5



757575



# Same Dimension

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



B097B3



E3BCE8



B397A8



585059



890099



17001A



# Inverse Universe

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



B3979A



E8BCC1



97B3A2



595051



990010

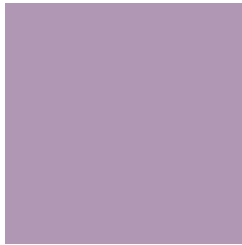


1A0003



# Previews

## White Background



This preview shows how the Hex color B097B3 looks on a white background.

## Color Contrast Check

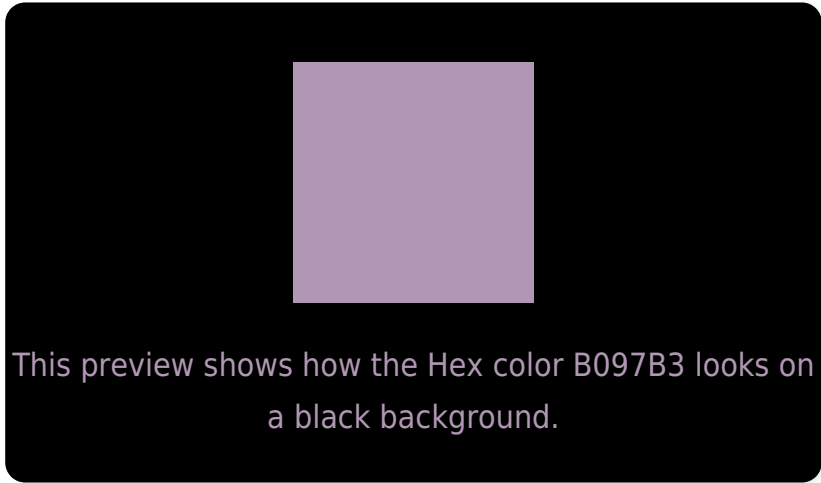
Large Text (above 18pt) WCAG AA × Fail

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

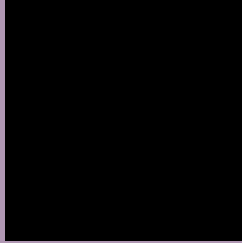
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B097B3 Background



This preview shows how black text looks on a background with the Hex color B097B3.

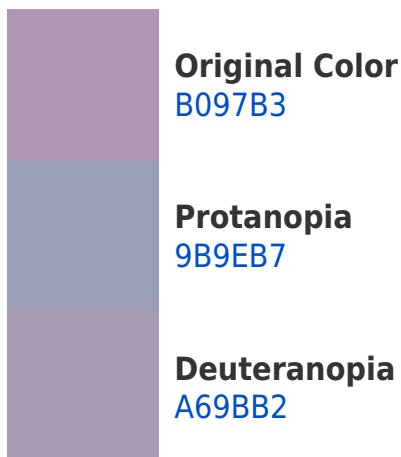


This preview shows how white text looks on a background with the Hex color B097B3.

# 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**  
AE99A5

# Trichromacy



**Original Color**  
B097B3

**Protanomaly**  
A39BB6

**Deuteranomaly**  
AA9AB2

**Tritanomaly**  
AF98AA

# Monochromacy



**Original Color**  
B097B3

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A79EA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B097B3 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 #B097B3 looks like.

```
.text, #text, p{  
    color:#B097B3  
}
```

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 #B097B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B097B3
}
```

## Border

The CSS property to change the border of an element to Hex B097B3 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
#B097B3 }
```

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

```
.border{ border-color:#B097B3 }
```

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

Here you see how a box with a 4 pixel #B097B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B097B3; -webkit-box-shadow:4px 4px  
4px 4px #B097B3; box-shadow:4px 4px 4px  
4px #B097B3 }
```

# Background

The CSS property to change the background color of an element to Hex B097B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B097B3 }
```

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

```
.background{ background-color:#B097B3 }
```

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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