

Converting Colors

Hex(B097DD)

Have a look what the booklet for
Hex(B097DD) contains.

Hex(B097DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B097DD)

Conversions

Conversions Part 1

Format	Color
Hex	B097DD
RGB	176, 151, 221
RGB Percent	69%, 59%, 87%
CMY	0.3098, 0.4078, 0.1333
CMYK	0.20, 0.32, 0.00, 0.13
HSL	261°, 51%, 73%
HSV	261°, 32%, 87%
XYZ	42.0222, 36.5838, 73.2532
YIQ	166.4550, -7.5700, 27.0700

Conversions

Conversions Part 2

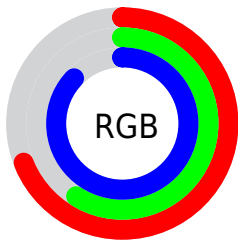
Format	Color
R _{YB}	176, 151, 221
Decimal	11573213
CIE _{Lab}	66.96, 23.30, -32.21
CIE _{LCh}	67, 39.754, 305.888
Yxy	36.5838, 0.2767, 0.2409
Android (android.graphics.Color)	4289763293 (0xFFB097DD)
YUV	166.4550, 26.8907, 8.3710
Hunter-Lab	60.4845, 18.1668, -29.4673

Details

The Hex color **B097DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4DD97**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E8CDFF**, and **7A64A6** is the 20% darker color. If you saturate the color by 10%, you get **A281DD**, and if you desaturate by 10%, it is **BEADDD**.

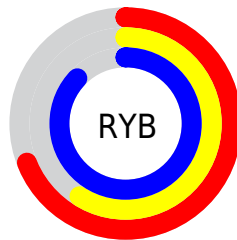
Distribution



Red (69%)

Green (59%)

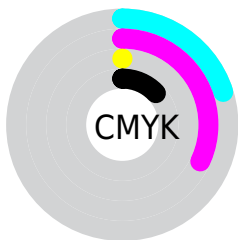
Blue (87%)



Red (69%)

Yellow (59%)

Blue (87%)

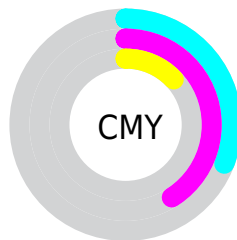


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (41%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B097DD 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 B097DD by changing the saturation by 10% instead.

 B097DD

 B097DD

FFFFFF

 957DC1

 E8CDFF

 7A64A6

 FFEAFF

 604C8B

 473571

 2F1F59

 160A41

 00002A

 000114

 000000

 B097DD

 B097DD

 A281DD

 BEADDD

 946BDD

 CCC3DD

 8555DD

 DBD9DD

 773FDD

 E9EFDD

 6929DD

 F7FFDD

 5B12DD

 FFFFDD

 4F00DD

Harmonies

Analogous

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



79A4EA



B097DD



D68BC1

Triad

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



B097DD



D29762



20B6A9

Complementary

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



B097DD



C4DD97

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.



60B385



B097DD



B3A35B

Square

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



B097DD



E58B7B



8DAD68



00B4CC

Rectangle

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



B097DD



E387A9



8DAD68



3AB69D

Sweetspot

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



B097DD



EFE6FF



97C5DD



767080



000000



808080

Same Dimension

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



B097DD



C19EFF



D297DD



67636E



3E00AD



10002E

Inverse Universe

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



DD97C4



FF9EDC



A2DD97



6E636A



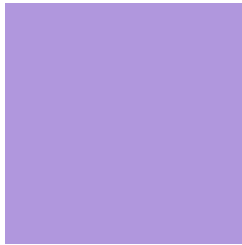
AD006F



2E001E

Previews

White Background



This preview shows how the Hex color B097DD looks on a white background.

Color Contrast Check

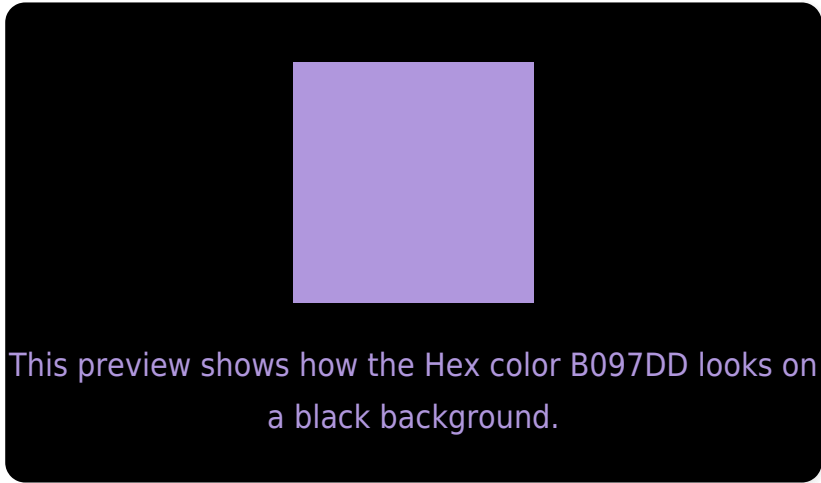
Large Text (above 18pt) WCAG AA × Fail

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 B097DD Background



This preview shows how black text looks on a background with the Hex color B097DD.

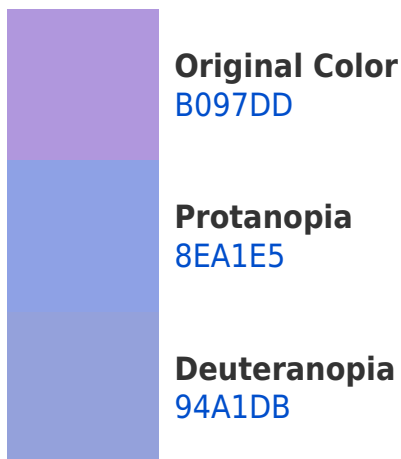


This preview shows how white text looks on a background with the Hex color B097DD.

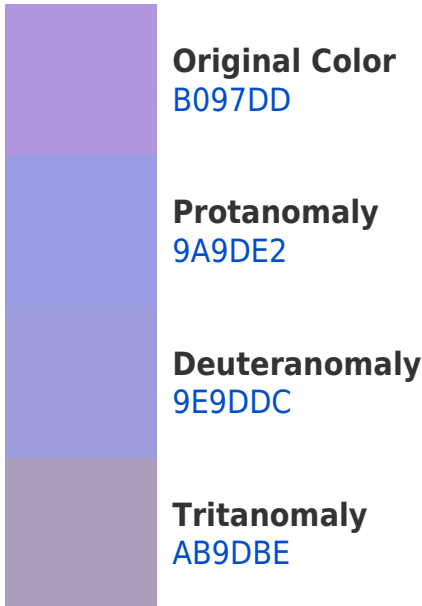
Color Blindness Simulation

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](#).

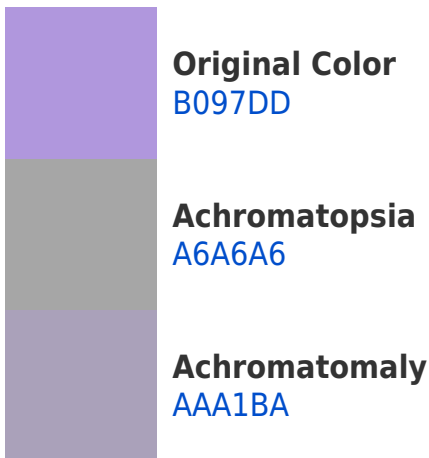
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B097DD 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 #B097DD looks like.

```
.text, #text, p{  
    color:#B097DD  
}
```

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 #B097DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B097DD
}
```

Border

The CSS property to change the border of an element to Hex B097DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

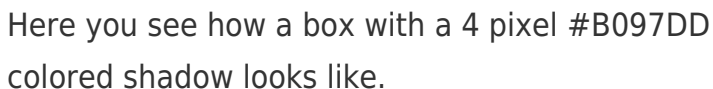
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B097DD }
```

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

```
.border{ border-color:#B097DD }
```

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



Here you see how a box with a 4 pixel #B097DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B097DD; -webkit-box-shadow:4px 4px  
4px 4px #B097DD; box-shadow:4px 4px 4px  
4px #B097DD }
```

Background

The CSS property to change the background color of an element to Hex B097DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B097DD }
```

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

```
.background{ background-color:#B097DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor