

# Converting Colors

Hex(B97DD3)

Have a look what the booklet for  
Hex(B97DD3) contains.

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# Color

**Hex(B97DD3)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B97DD3                    |
| RGB         | 185, 125, 211             |
| RGB Percent | 73%, 49%, 83%             |
| CMY         | 0.2745, 0.5098, 0.1725    |
| CMYK        | 0.12, 0.41, 0.00, 0.17    |
| HSL         | 282°, 49%, 66%            |
| HSV         | 282°, 41%, 83%            |
| XYZ         | 39.0991, 29.6847, 65.2970 |
| YIQ         | 152.7440, 8.1540, 39.4660 |

# Conversions

## Conversions Part 2

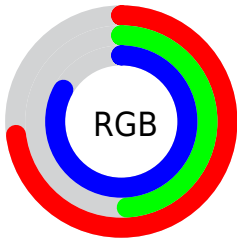
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 185, 125, 211                 |
| Decimal                             | 12156371                      |
| CIELab                              | 61.38, 38.32, -35.24          |
| CIELCh                              | 61, 52.062, 317.396           |
| Yxy                                 | 29.6847, 0.2916,<br>0.2214    |
| Android<br>(android.graphics.Color) | 4290346451<br>(0xFFB97DD3)    |
| YUV                                 | 152.7440, 28.7202,<br>28.2885 |
| Hunter-Lab                          | 54.4836, 32.7505,<br>-32.9187 |

# Details

The Hex color **B97DD3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **97D37D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F2B3FF**, and **824A9C** is the 20% darker color. If you saturate the color by 10%, you get **B368D3**, and if you desaturate by 10%, it is **BF92D3**.

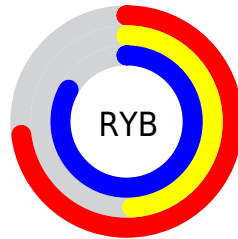
# Distribution



Red (73%)

Green (49%)

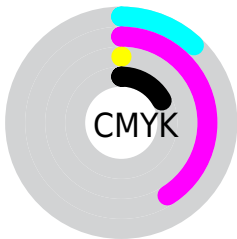
Blue (83%)



Red (73%)

Yellow (49%)

Blue (83%)

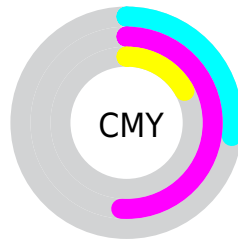


Cyan (12%)

Magenta (41%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (51%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B97DD3 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 B97DD3 by changing the saturation by 10% instead.



 B97DD3

 B97DD3

FFFFFF

 9D63B7

 F2B3FF

 824A9C

 FFCFFF

 683282

 FFE8FF

 4E1968

 350050

 200038

 000122

 000008

 000000

 B97DD3

 B97DD3

 B368D3

 BF92D3

 AC53D3

 C6A7D3

 A63ED3

 CCBCD3

 9F29D3

 D3D1D3

 9914D3

 D9E6D3

 9300D3

 DFFCD3

 E6FFD3

 ECFFD3

 F2FFD3

# Harmonies

## Analogous

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



7490EC



B97DD3



DF6EAA

# Triad

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



B97DD3



BE8B37



00ABAE

# Complementary

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



B97DD3



97D37D

# 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.



00AA7F



B97DD3



949A36

# Square

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



B97DD3



DD7952



5FA453



00A8D7

# Rectangle

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



B97DD3



E96B8B



5FA453



00AB9F



# Sweetspot

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



B97DD3



F6E0FF



7D98D3



7A6E80



000000



808080



# Same Dimension

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



B97DD3



D982FF



D37DC3



655E69



7500A8



1C0029



# Inverse Universe

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



D37D97



FF82A8



7DD38D



695E61



A80033

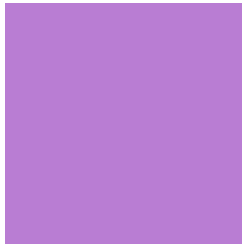


29000C



# Previews

## White Background



This preview shows how the Hex color B97DD3 looks on a white background.

## Color Contrast Check

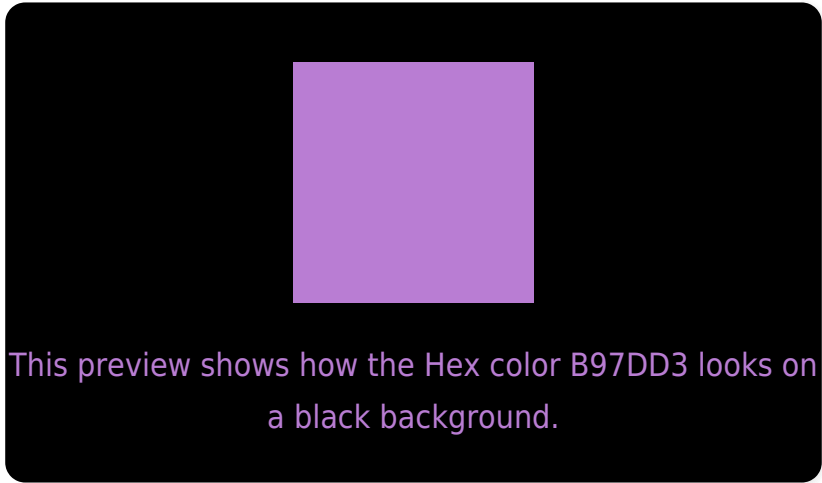
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B97DD3 Background



This preview shows how black text looks on a background with the Hex color B97DD3.

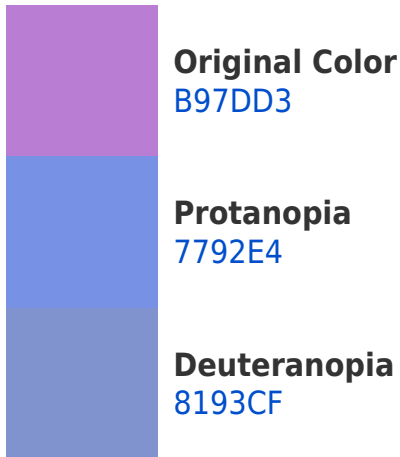



This preview shows how white text looks on a background with the Hex color B97DD3.

# 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](#).

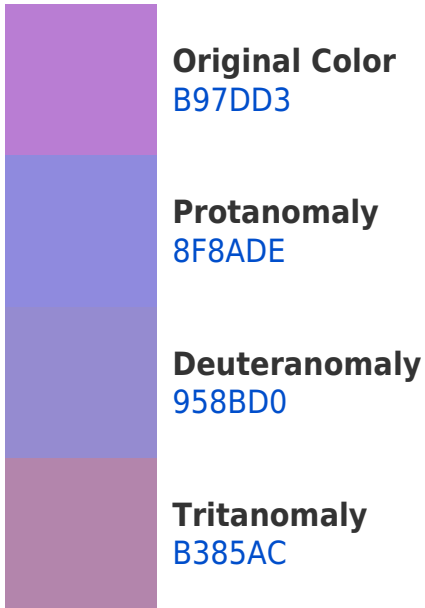
## Dichromacy



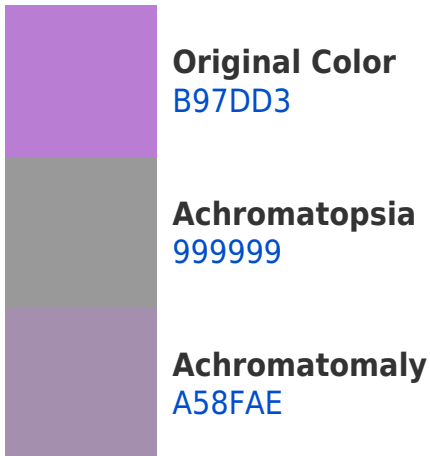


**Tritanopia**  
B08A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B97DD3 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 #B97DD3 looks like.

```
.text, #text, p{  
    color:#B97DD3  
}
```

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 #B97DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97DD3
}
```

## Border

The CSS property to change the border of an element to Hex B97DD3 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
#B97DD3 }
```

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

```
.border{ border-color:#B97DD3 }
```

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

Here you see how a box with a 4 pixel #B97DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97DD3; -webkit-box-shadow:4px 4px  
4px 4px #B97DD3; box-shadow:4px 4px 4px  
4px #B97DD3 }
```

# Background

The CSS property to change the background color of an element to Hex B97DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97DD3 }
```

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

```
.background{ background-color:#B97DD3 }
```

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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