

# Converting Colors

Hex(B997D7)

Have a look what the booklet for  
Hex(B997D7) contains.

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# **Color**

**Hex(B997D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B997D7</a>
RGB	<a href="#">185, 151, 215</a>
RGB Percent	<a href="#">73%, 59%, 84%</a>
CMY	<a href="#">0.2745, 0.4078, 0.1569</a>
CMYK	<a href="#">0.14, 0.30, 0.00, 0.16</a>
HSL	<a href="#">272°, 44%, 72%</a>
HSV	<a href="#">272°, 30%, 84%</a>
XYZ	<a href="#">43.3399, 37.3538, 69.2157</a>
YIQ	<a href="#">168.4620, -0.2800, 27.1120</a>

# Conversions

## Conversions Part 2

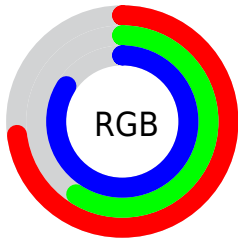
Format	Color
<a href="#">RYB</a>	<a href="#">185, 151, 215</a>
Decimal	<a href="#">12163031</a>
CIELab	<a href="#">67.54, 24.75, -27.93</a>
CIELCh	<a href="#">68, 37.320, 311.549</a>
Yxy	<a href="#">37.3538, 0.2891, 0.2492</a>
Android (android.graphics.Color)	<a href="#">4290353111 (0xFFB997D7)</a>
YUV	<a href="#">168.4620, 22.9432, 14.5038</a>
Hunter-Lab	<a href="#">61.1178, 19.6222, -24.3634</a>

# Details

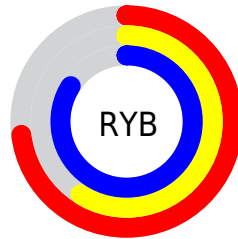
The Hex color **B997D7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5D797**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F2CDFF**, and **8364A0** is the 20% darker color. If you saturate the color by 10%, you get **AF82D7**, and if you desaturate by 10%, it is **C3ADD7**.

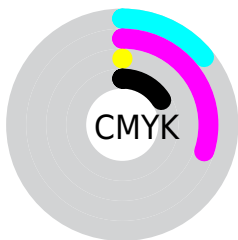
# Distribution



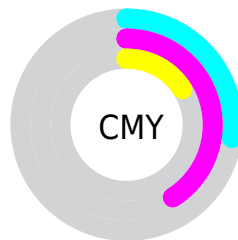
- Red (73%)
- Green (59%)
- Blue (84%)



- Red (73%)
- Yellow (59%)
- Blue (84%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B997D7 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 B997D7 by changing the saturation by 10% instead.



 B997D7

 B997D7

FFFFFF

 9E7DBB

 F2CDFF

 8364A0

 FFEAFF

 694C86

 50346C

 381E54

 21093C

 070026

 00010F

 000000

 B997D7

 B997D7

 AF82D7


 C3ADD7

 A56CD7

 CDC2D7

 9B57D7

 D7D8D7

 9141D7

 E1EDD7

 872CD7

 EBFFD7

 7D16D7

 F5FFD7

 7201D7

 FFFFD7

 7200D7

# Harmonies

## Analogous

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



89A3E6



B997D7



D98DBB

# Triad

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



B997D7



CC9B65



2BB7B1

# Complementary

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



B997D7



B5D797

# 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.



5EB58E



B997D7



AEA762

# Square

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



B997D7



E19079



89B071



08B4D0

# Rectangle

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



B997D7



E48AA4



89B071



3EB6A5



# Sweetspot

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



B997D7



F4E8FF



97B6D7



797180



000000



808080



# Same Dimension

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



B997D7



D4A3FF



D797D6



66606B



5B00AB



17002B



# Inverse Universe

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



D797B5



FFA3CE



97D798



6B6065



AB0050

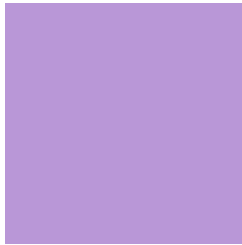


2B0014



# Previews

## White Background



This preview shows how the Hex color B997D7 looks on a white background.

## Color Contrast Check

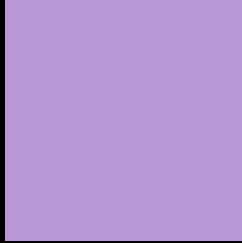
Large Text (above 18pt) WCAG AA × Fail

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 B997D7 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 B997D7 Background



This preview shows how black text looks on a background with the Hex color B997D7.



This preview shows how white text looks on a background with the Hex color B997D7.

# 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



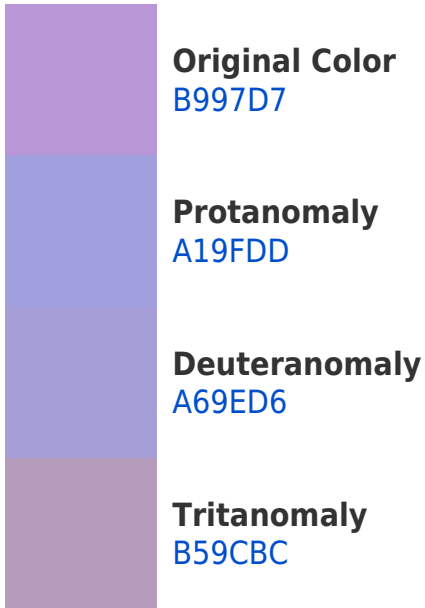
**Original Color**  
B997D7

**Protanopia**  
93A3E0

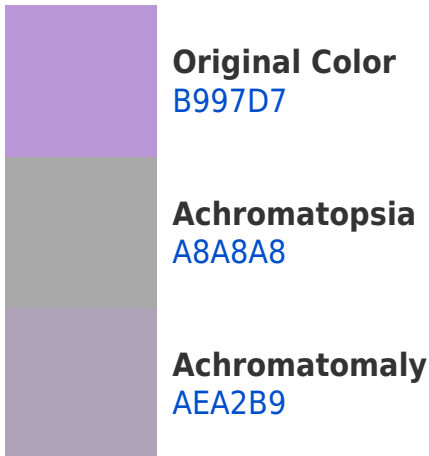
**Deuteranopia**  
9BA2D5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B997D7 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 #B997D7 looks like.

```
.text, #text, p{  
    color:#B997D7  
}
```

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 #B997D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B997D7
}
```

## Border

The CSS property to change the border of an element to Hex B997D7 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
#B997D7 }
```

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

```
.border{ border-color:#B997D7 }
```

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

Here you see how a box with a 4 pixel #B997D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B997D7; -webkit-box-shadow:4px 4px  
4px 4px #B997D7; box-shadow:4px 4px 4px  
4px #B997D7 }
```

# Background

The CSS property to change the background color of an element to Hex B997D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B997D7 }
```

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

```
.background{ background-color:#B997D7 }
```

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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