

Converting Colors

Hex(B97DE7)

Have a look what the booklet for
Hex(B97DE7) contains.

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Color

Hex(**B97DE7**)

Conversions

Conversions Part 1

Format	Color
Hex	B97DE7
RGB	185, 125, 231
RGB Percent	73%, 49%, 91%
CMY	0.2745, 0.5098, 0.0941
CMYK	0.20, 0.46, 0.00, 0.09
HSL	274°, 69%, 70%
HSV	274°, 46%, 91%
XYZ	41.7650, 30.7510, 79.3356
YIQ	155.0240, 1.7340, 45.6860

Conversions

Conversions Part 2

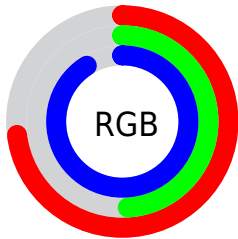
Format	Color
RYB	185, 125, 231
Decimal	12156391
CIELab	62.30, 42.64, -44.98
CIELCh	62, 61.975, 313.473
Yxy	30.7510, 0.2750, 0.2025
Android (android.graphics.Color)	4290346471 (0xFFB97DE7)
YUV	155.0240, 37.4562, 26.2890
Hunter-Lab	55.4536, 37.3938, -46.0066

Details

The Hex color **B97DE7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ABE77D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F3B3FF**, and **824AAF** is the 20% darker color. If you saturate the color by 10%, you get **AF66E7**, and if you desaturate by 10%, it is **C394E7**.

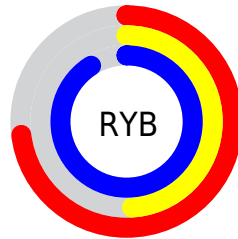
Distribution



Red (73%)

Green (49%)

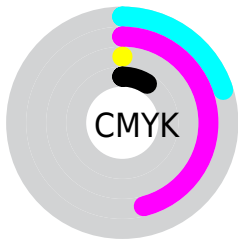
Blue (91%)



Red (73%)

Yellow (49%)

Blue (91%)

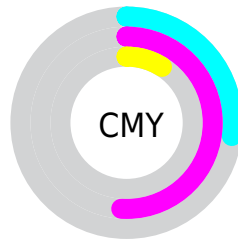


Cyan (20%)

Magenta (46%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (51%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97DE7 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 B97DE7 by changing the saturation by 10% instead.

 B97DE7

 B97DE7

FFFFFF

 9D63CB

 F3B3FF

 824AAF

 FFCFFF

 673194

 FFE8FF

 4C187A

 320060

 190048

 000030

 00011B

 000000

 B97DE7

 B97DE7

 AF66E7

 C394E7

 A54FE7

 CDABE7

 9B38E7

 D7C2E7

 9121E7

 E1D9E7

 8709E7

 EBF1E7

 8300E7

 F5FFE7

 FFFFE7

Harmonies

Analogous

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



5794FF



B97DE7



EA67B7

Triad

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



B97DE7



CC8925



00B1AF

Complementary

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



B97DE7



ABE77D

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.



00AF75



B97DE7



9B9C1C

Square

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



B97DE7



EE724D



5DA841



00AEE1

Rectangle

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



B97DE7



F96192



5DA841



00B19C

Sweetspot

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



B97DE7



F0DBFF



7DADE7



766A80



000000



808080

Same Dimension

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



B97DE7



C273FF



E77DE2



6E6773



6500B3



1D0033

Inverse Universe

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



E77DAB



FF73B0



7DE782



73676C



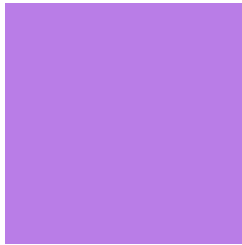
B3004D



330016

Previews

White Background



This preview shows how the Hex color B97DE7 looks on a white background.

Color Contrast Check

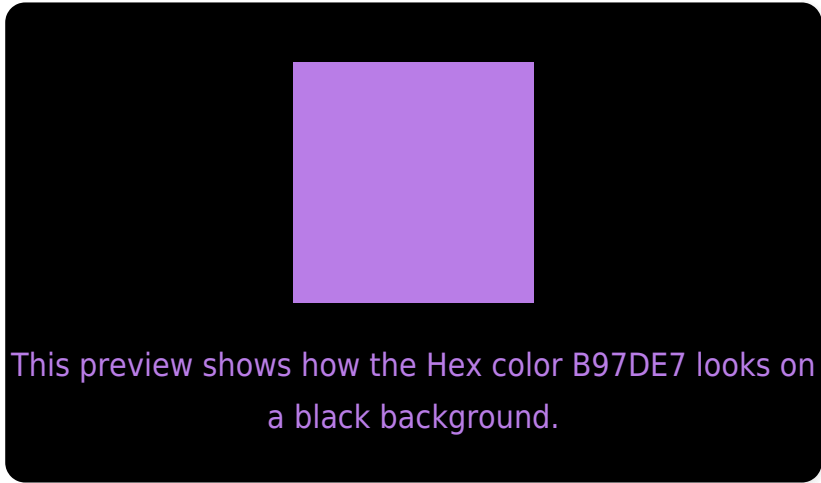
Large Text (above 18pt) WCAG AA × Fail

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

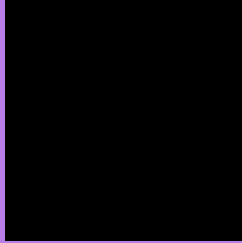
Any Text WCAG AA ✓ Pass

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 B97DE7 Background



This preview shows how black text looks on a background with the Hex color B97DE7.

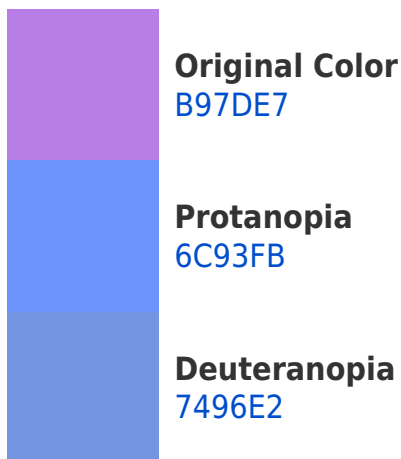


This preview shows how white text looks on a background with the Hex color B97DE7.

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](#).

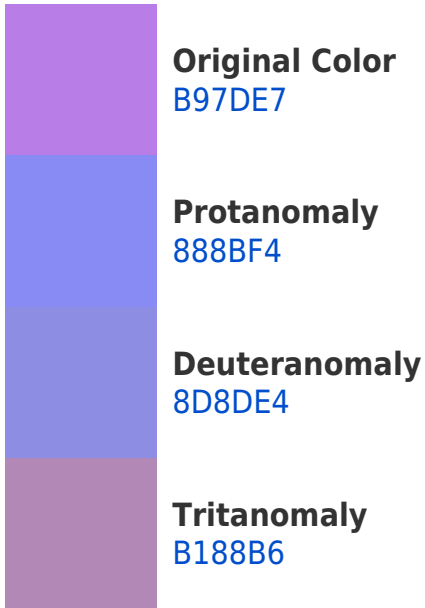
Dichromacy



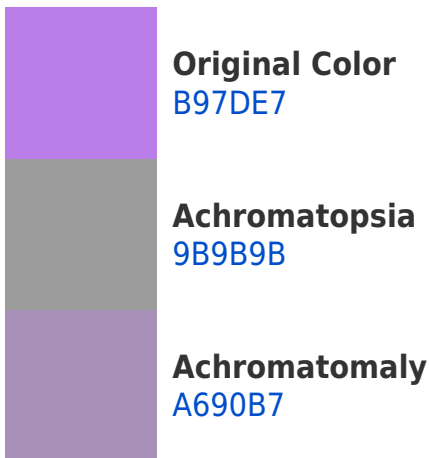


Tritanopia
AC8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97DE7 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 #B97DE7 looks like.

```
.text, #text, p{  
    color:#B97DE7  
}
```

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 #B97DE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97DE7  
}
```

Border

The CSS property to change the border of an element to Hex B97DE7 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  
#B97DE7 }
```

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

```
.border{ border-color:#B97DE7 }
```

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

Here you see how a box with a 4 pixel #B97DE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97DE7; -webkit-box-shadow:4px 4px  
4px 4px #B97DE7; box-shadow:4px 4px 4px  
4px #B97DE7 }
```

Background

The CSS property to change the background color of an element to Hex B97DE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97DE7 }
```

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

```
.background{ background-color:#B97DE7 }
```

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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