

Converting Colors

Hex(B97CE9)

Have a look what the booklet for
Hex(B97CE9) contains.

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Color

Hex(B97CE9)

Conversions

Conversions Part 1

Format	Color
Hex	B97CE9
RGB	185, 124, 233
RGB Percent	73%, 49%, 91%
CMY	0.2745, 0.5137, 0.0863
CMYK	0.21, 0.47, 0.00, 0.09
HSL	274°, 71%, 70%
HSV	274°, 47%, 91%
XYZ	41.9232, 30.6128, 80.7901
YIQ	154.6650, 1.3670, 46.8310

Conversions

Conversions Part 2

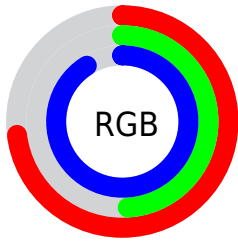
Format	Color
RYB	185, 124, 233
Decimal	12156137
CIELab	62.18, 43.63, -46.27
CIELCh	62, 63.594, 313.315
Yxy	30.6128, 0.2734, 0.1997
Android (android.graphics.Color)	4290346217 (0xFFB97CE9)
YUV	154.6650, 38.6192, 26.6038
Hunter-Lab	55.3288, 38.4259, -47.8439

Details

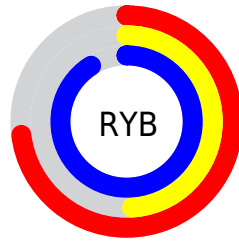
The Hex color **B97CE9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ACE97C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F3B2FF**, and **8149B1** is the 20% darker color. If you saturate the color by 10%, you get **AF65E9**, and if you desaturate by 10%, it is **C393E9**.

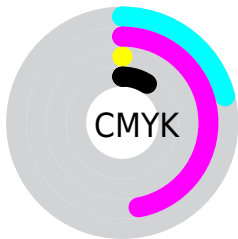
Distribution



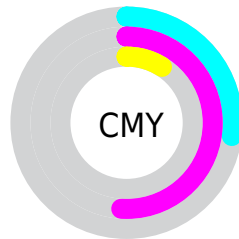
- Red (73%)
- Green (49%)
- Blue (91%)



- Red (73%)
- Yellow (49%)
- Blue (91%)



- Cyan (21%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97CE9 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 B97CE9 by changing the saturation by 10% instead.

 B97CE9

 B97CE9

FFFFFF

 9D62CD

 F3B2FF

 8149B1

 FFCEFF

 663096

 FFEAFF

 4C177B

 310062

 180049

 000032

 00011C

 000000

 B97CE9

 B97CE9

 AF65E9

 C393E9

 A44DE9

 CEABE9

 9A36E9

 D8C2E9

 901FE9

 E2D9E9

 8608E9

 ECF1E9

 8200E9

 F7FFE9

 FFFFE9

Harmonies

Analogous

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



5294FF



B97CE9



EC65B8

Triad

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



B97CE9



CC8820



00B1AF

Complementary

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



B97CE9



ACE97C

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.



00AF74



B97CE9



9B9B15

Square

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



B97CE9



EF714B



5BA83E



00AEE3

Rectangle

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



B97CE9



FA5F92



5BA83E



00B19B

Sweetspot

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



B97CE9



EFDBFF



7CADE9



766A80



000000



808080

Same Dimension

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



B97CE9



C070FF



E97CE4



706A75



6500B5



1E0036

Inverse Universe

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



E97CAC



FF70AF



7CE981



756A6F



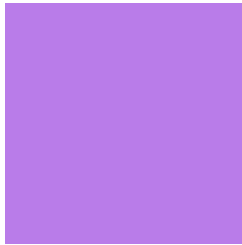
B50050



360018

Previews

White Background



This preview shows how the Hex color B97CE9 looks on a white background.

Color Contrast Check

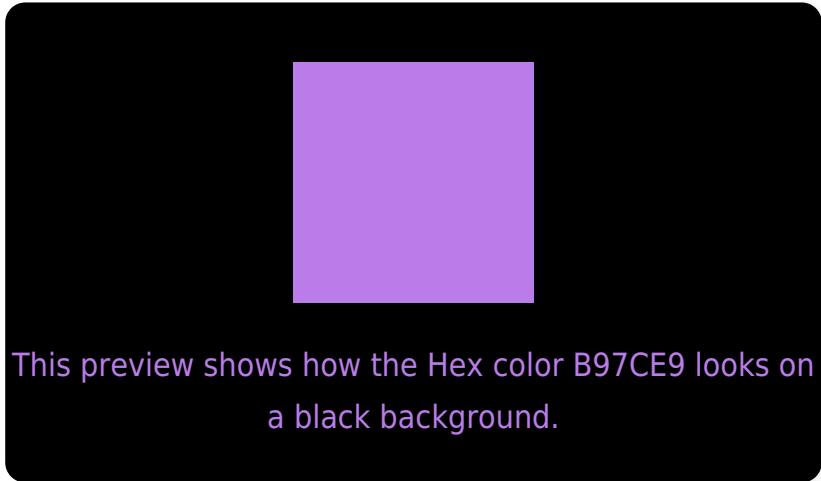
Large Text (above 18pt) WCAG AA × Fail

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 B97CE9 Background



This preview shows how black text looks on a background with the Hex color B97CE9.

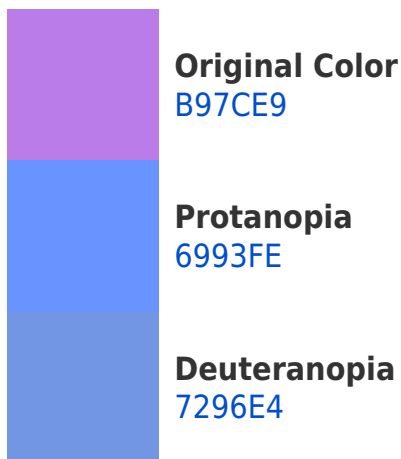


This preview shows how white text looks on a background with the Hex color B97CE9.

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](#).

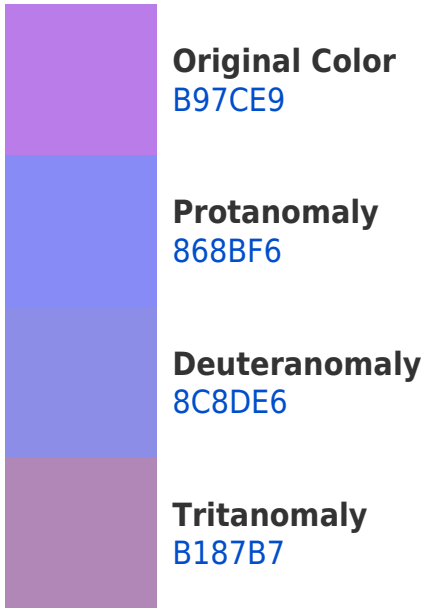
Dichromacy



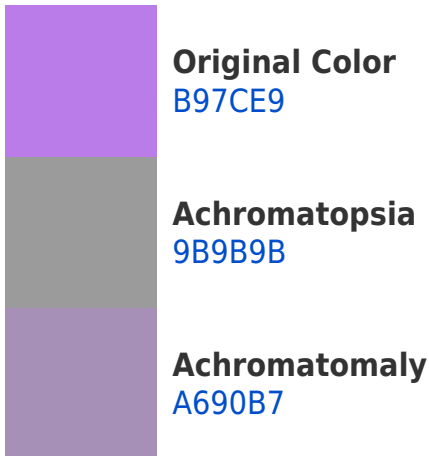


Tritanopia
AC8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97CE9 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 #B97CE9 looks like.

```
.text, #text, p{  
    color:#B97CE9  
}
```

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 #B97CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97CE9
}
```

Border

The CSS property to change the border of an element to Hex B97CE9 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
#B97CE9 }
```

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

```
.border{ border-color:#B97CE9 }
```

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

Here you see how a box with a 4 pixel #B97CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97CE9; -webkit-box-shadow:4px 4px  
4px 4px #B97CE9; box-shadow:4px 4px 4px  
4px #B97CE9 }
```

Background

The CSS property to change the background color of an element to Hex B97CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97CE9 }
```

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

```
.background{ background-color:#B97CE9 }
```

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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