

# Converting Colors

Hex(B78CD9)

Have a look what the booklet for  
Hex(B78CD9) contains.

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# **Color**

**Hex(B78CD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B78CD9
RGB	183, 140, 217
RGB Percent	72%, 55%, 85%
CMY	0.2824, 0.4510, 0.1490
CMYK	0.16, 0.35, 0.00, 0.15
HSL	274°, 50%, 70%
HSV	274°, 35%, 85%
XYZ	41.4309, 33.8332, 69.9925
YIQ	161.6350, 0.9110, 33.0630

# Conversions

## Conversions Part 2

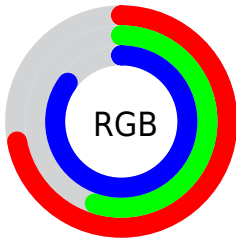
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 140, 217
Decimal	12029145
CIE Lab	64.83, 30.71, -33.25
CIE LCh	65, 45.256, 312.725
Yxy	33.8332, 0.2852, 0.2329
Android (android.graphics.Color)	4290219225 (0xFFB78CD9)
YUV	161.6350, 27.2949, 18.7371
Hunter-Lab	58.1663, 25.3516, -30.6282

# Details

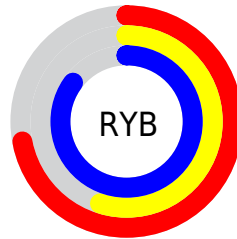
The Hex color **B78CD9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AED98C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F0C2FF**, and **8159A2** is the 20% darker color. If you saturate the color by 10%, you get **AD76D9**, and if you desaturate by 10%, it is **C1A2D9**.

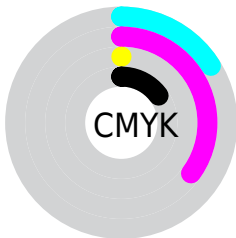
# Distribution



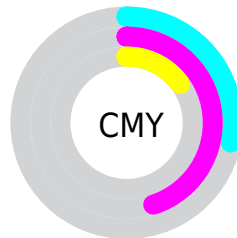
- Red (72%)
- Green (55%)
- Blue (85%)



- Red (72%)
- Yellow (55%)
- Blue (85%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (45%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B78CD9 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 B78CD9 by changing the saturation by 10% instead.



 B78CD9

 B78CD9

FFFFFF

 9C72BD

 F0C2FF

 8159A2

 FFDEFF

 674187

 FFFBFF

 4D2A6E

 351355

 1D003D

 000027

 000110

 000000

 B78CD9

 B78CD9

 AD76D9


 C1A2D9

 A461D9

 CAB7D9

 9A4BD9

 D4CDD9

 9135D9

 DDE3D9

 8720D9

 E7F9D9

 7E0AD9

 F0FFD9

 7900D9

 FAFFD9

 FFFFD9

# Harmonies

## Analogous

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



7A9CEC



B78CD9



DC7FB6

# Triad

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



B78CD9



C9934F



00B2AE

# Complementary

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



B78CD9



AED98C

# 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.



3CB084



B78CD9



A5A04C

# Square

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



B78CD9



E28468



78AB60



00B0D3

# Rectangle

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



B78CD9



E87C9B



78AB60



00B2A0



# Sweetspot

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



B78CD9



F3E3FF



8CAFD9



786F80



000000



808080



# Same Dimension

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



B78CD9



CF91FF



D98CD5



69636E



6100AD



1A002E



# Inverse Universe

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



D98CAE



FF91C2



8CD990



6E6368



AD004D

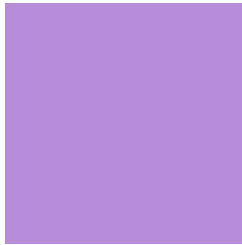


2E0014



# Previews

## White Background



This preview shows how the Hex color B78CD9 looks on a white background.

## Color Contrast Check

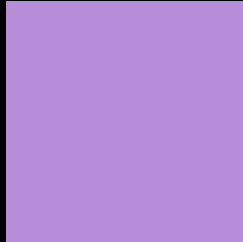
Large Text (above 18pt) WCAG AA × Fail

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 B78CD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

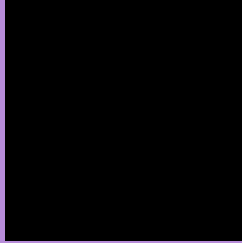
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B78CD9 Background



This preview shows how black text looks on a background with the Hex color B78CD9.

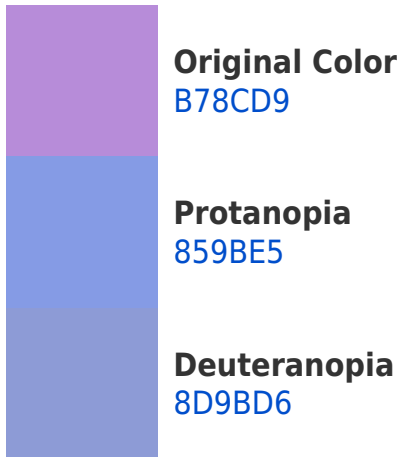


This preview shows how white text looks on a background with the Hex color B78CD9.

# 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](#).

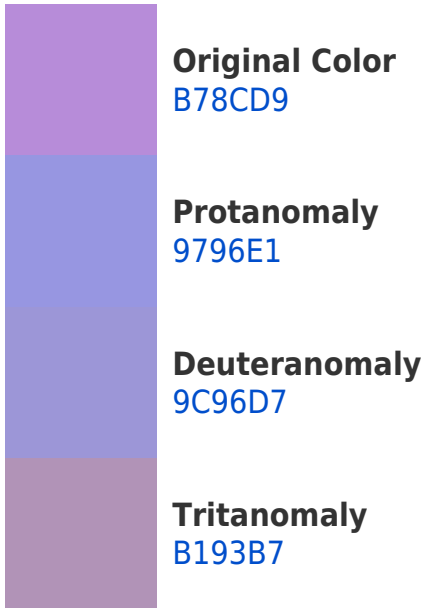
## Dichromacy



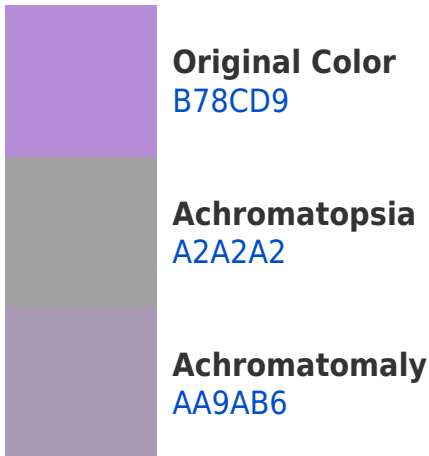


**Tritanopia**  
AE97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B78CD9 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 #B78CD9 looks like.

```
.text, #text, p{  
    color:#B78CD9  
}
```

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 #B78CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78CD9
}
```

## Border

The CSS property to change the border of an element to Hex B78CD9 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
#B78CD9 }
```

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

```
.border{ border-color:#B78CD9 }
```

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

Here you see how a box with a 4 pixel #B78CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78CD9; -webkit-box-shadow:4px 4px  
4px 4px #B78CD9; box-shadow:4px 4px 4px  
4px #B78CD9 }
```

# Background

The CSS property to change the background color of an element to Hex B78CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78CD9 }
```

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

```
.background{ background-color:#B78CD9 }
```

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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