

# Converting Colors

Hex(B79AD2)

Have a look what the booklet for  
Hex(B79AD2) contains.

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# **Color**

**Hex(B79AD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B79AD2</a>
RGB	<a href="#">183, 154, 210</a>
RGB Percent	<a href="#">72%, 60%, 82%</a>
CMY	<a href="#">0.2824, 0.3961, 0.1765</a>
CMYK	<a href="#">0.13, 0.27, 0.00, 0.18</a>
HSL	<a href="#">271°, 38%, 71%</a>
HSV	<a href="#">271°, 27%, 82%</a>
XYZ	<a href="#">42.7169, 37.8316, 66.0236</a>
YIQ	<a href="#">169.0550, -0.6920, 23.5640</a>

# Conversions

## Conversions Part 2

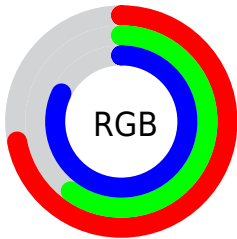
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 154, 210
Decimal	12032722
CIELab	67.90, 21.37, -24.63
CIELCh	68, 32.611, 310.944
Yxy	37.8316, 0.2914, 0.2581
Android (android.graphics.Color)	4290222802 (0xFFB79AD2)
YUV	169.0550, 20.1859, 12.2298
Hunter-Lab	61.5074, 16.3303, -20.5882

# Details

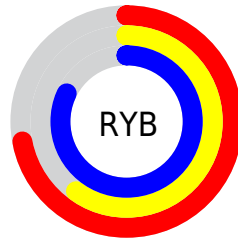
The Hex color **B79AD2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5D29A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EFD1FF**, and **81679B** is the 20% darker color. If you saturate the color by 10%, you get **AD85D2**, and if you desaturate by 10%, it is **C1AFD2**.

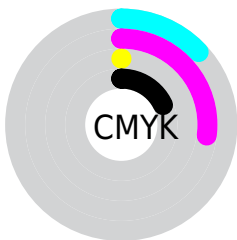
# Distribution



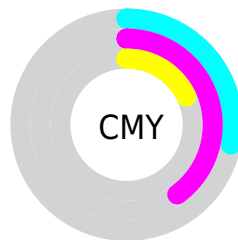
- Red (72%)
- Green (60%)
- Blue (82%)



- Red (72%)
- Yellow (60%)
- Blue (82%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (40%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79AD2 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 B79AD2 by changing the saturation by 10% instead.




 B79AD2

 B79AD2

FFFFFF

 9C80B6

 EFD1FF

 81679B

 FFEDFF

 684E81

 4F3768

 372150

 200C38

 060023

 000009

 000000

 B79AD2

 B79AD2

 AD85D2

 C1AFD2

 A370D2

 CBC4D2

 995BD2

 D5D9D2

 8F46D2

 E0EED2

 8431D2

 EAFFD2

 7A1CD2

 F4FFD2

 7007D2

 FEFFD2

 6D00D2

 FFFFD2

# Harmonies

## Analogous

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



8EA5DF



B79AD2



D392B9

# Triad

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



B79AD2



CA9D6E



4AB6B0

# Complementary

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



B79AD2



B5D29A

# 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.



6BB491



B79AD2



AFA76B

# Square

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



B79AD2



DB9480



8EAF78



40B3CB

# Rectangle

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



B79AD2



DD8FA6



8EAF78



54B5A5



# Sweetspot

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



B79AD2



F5EBFF



9AB5D2



797380



000000



808080



# Same Dimension

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



B79AD2



D8ADFF



D29AD1



645E69



5700A8



150029



# Inverse Universe

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



D29AB5



FFADD5



9AD29B



695E63



A80051

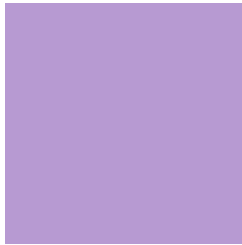


290014



# Previews

## White Background



This preview shows how the Hex color B79AD2 looks on a white background.

## Color Contrast Check

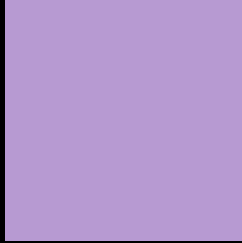
Large Text (above 18pt) WCAG AA × Fail

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 B79AD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

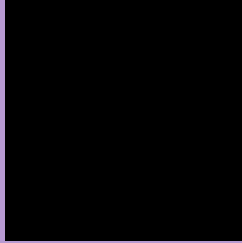
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B79AD2 Background



This preview shows how black text looks on a background with the Hex color B79AD2.

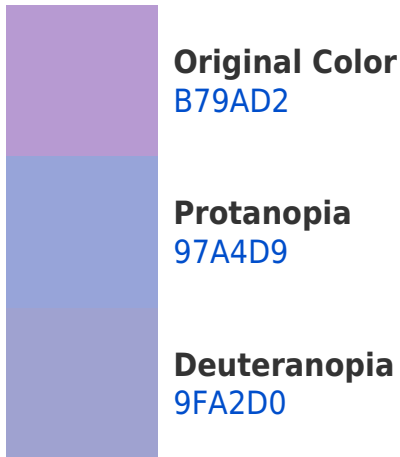


This preview shows how white text looks on a background with the Hex color B79AD2.

# 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**  
B1A1AD

# Trichromacy



**Original Color**  
B79AD2

**Protanomaly**  
A3A0D6

**Deuteranomaly**  
A89FD1

**Tritanomaly**  
B39EBA

# Monochromacy



**Original Color**  
B79AD2

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
AEA4B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79AD2 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 #B79AD2 looks like.

```
.text, #text, p{  
    color:#B79AD2  
}
```

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 #B79AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79AD2
}
```

## Border

The CSS property to change the border of an element to Hex B79AD2 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
#B79AD2 }
```

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

```
.border{ border-color:#B79AD2 }
```

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

Here you see how a box with a 4 pixel #B79AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79AD2; -webkit-box-shadow:4px 4px  
4px 4px #B79AD2; box-shadow:4px 4px 4px  
4px #B79AD2 }
```

# Background

The CSS property to change the background color of an element to Hex B79AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79AD2 }
```

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

```
.background{ background-color:#B79AD2 }
```

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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