

# Converting Colors

Hex(B79FD9)

Have a look what the booklet for  
Hex(B79FD9) contains.

<b>Hex(B79FD9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B79FD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79FD9
RGB	183, 159, 217
RGB Percent	72%, 62%, 85%
CMY	0.2824, 0.3765, 0.1490
CMYK	0.16, 0.27, 0.00, 0.15
HSL	265°, 43%, 74%
HSV	265°, 27%, 85%
XYZ	44.4510, 39.8733, 70.9991
YIQ	172.7880, -4.3140, 23.1260

# Conversions

## Conversions Part 2

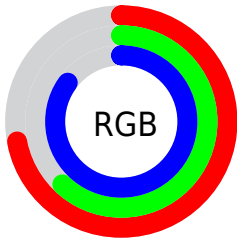
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 159, 217
Decimal	12034009
CIELab	69.38, 20.09, -26.23
CIELCh	69, 33.038, 307.457
Yxy	39.8733, 0.2862, 0.2567
Android (android.graphics.Color)	4290224089 (0xFFB79FD9)
YUV	172.7880, 21.7965, 8.9559
Hunter-Lab	63.1453, 15.1503, -22.4626

# Details

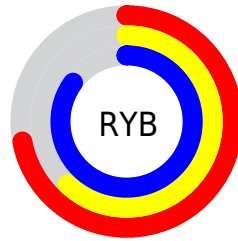
The Hex color **B79FD9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1D99F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EFD6FF**, and **816BA2** is the 20% darker color. If you saturate the color by 10%, you get **AA89D9**, and if you desaturate by 10%, it is **C4B5D9**.

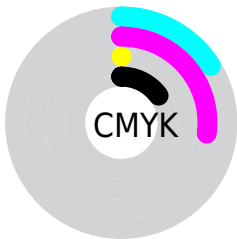
# Distribution



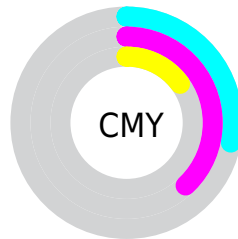
- Red (72%)
- Green (62%)
- Blue (85%)



- Red (72%)
- Yellow (62%)
- Blue (85%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79FD9 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 B79FD9 by changing the saturation by 10% instead.



 B79FD9

 B79FD9

FFFFFF

 9C85BD

 EFD6FF

 816BA2

 FFF2FF

 685388

 4F3C6E

 372655

 20113E

 0C0028

 000112

 000000

 B79FD9

 B79FD9

 AA89D9

 C4B5D9

 9E74D9

 D0CAD9

 915ED9

 DDE0D9

 8448D9

 EAF6D9

 7733D9

 F7FFD9

 6B1DD9

 FFFFD9

 5E07D9

 5A00D9

# Harmonies

## Analogous

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



8CAAE4



B79FD9



D696C1

# Triad

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



B79FD9



D1A073



50BAB0

# Complementary

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



B79FD9



C1D99F

# 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.



72B891



B79FD9



B7AA6E

# Square

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



B79FD9



E29786



96B279



41B8CD

# Rectangle

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



B79FD9



E193AD



96B279



5BBAA6



# Sweetspot

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



B79FD9



F3EBFF



9FC2D9



787380



000000



808080



# Same Dimension

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



B79FD9



CFADFF



D39FD9



67636E



4800AD



13002E



# Inverse Universe

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



D99FC1



FFADDD



A5D99F



6E6369



AD0066

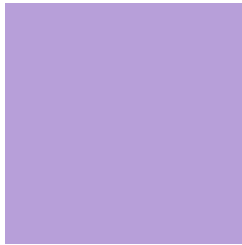


2E001B



# Previews

## White Background



This preview shows how the Hex color B79FD9 looks on a white background.

## Color Contrast Check

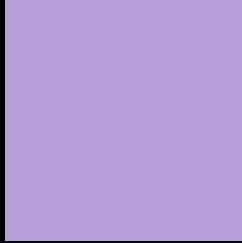
Large Text (above 18pt) WCAG AA × Fail

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 B79FD9 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 B79FD9 Background



This preview shows how black text looks on a background with the Hex color B79FD9.

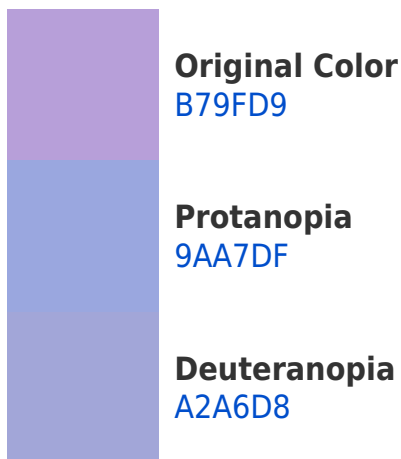


This preview shows how white text looks on a background with the Hex color B79FD9.

# 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**  
B1A6B3

# Trichromacy



**Original Color**  
B79FD9

**Protanomaly**  
A5A4DD

**Deuteranomaly**  
AAA3D8

**Tritanomaly**  
B3A3C1

# Monochromacy



**Original Color**  
B79FD9

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B1A8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79FD9 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 #B79FD9 looks like.

```
.text, #text, p{  
    color:#B79FD9  
}
```

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 #B79FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79FD9
}
```

## Border

The CSS property to change the border of an element to Hex B79FD9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

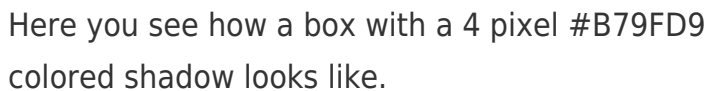
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B79FD9 }
```

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

```
.border{ border-color:#B79FD9 }
```

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



Here you see how a box with a 4 pixel #B79FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79FD9; -webkit-box-shadow:4px 4px  
4px 4px #B79FD9; box-shadow:4px 4px 4px  
4px #B79FD9 }
```

# Background

The CSS property to change the background color of an element to Hex B79FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79FD9 }
```

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

```
.background{ background-color:#B79FD9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor