

# Converting Colors

Hex(B79FF8)

Have a look what the booklet for  
Hex(B79FF8) contains.

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# **Color**

**Hex(B79FF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79FF8
RGB	183, 159, 248
RGB Percent	72%, 62%, 97%
CMY	0.2824, 0.3765, 0.0275
CMYK	0.26, 0.36, 0.00, 0.03
HSL	256°, 86%, 80%
HSV	256°, 36%, 97%
XYZ	48.8699, 41.6409, 94.2687
YIQ	176.3220, -14.2650, 32.7670

# Conversions

## Conversions Part 2

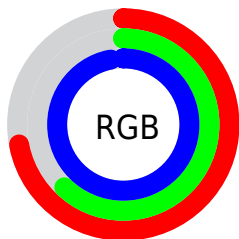
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 159, 248
Decimal	12034040
CIE <sub>Lab</sub>	70.62, 27.19, -41.27
CIE <sub>LCh</sub>	71, 49.421, 303.378
Yxy	41.6409, 0.2645, 0.2254
Android (android.graphics.Color)	4290224120 (0xFFB79FF8)
YUV	176.3220, 35.3373, 5.8566
Hunter-Lab	64.5297, 22.2551, -41.4434

# Details

The Hex color **B79FF8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0F89F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F0D6FF**, and **806BBF** is the 20% darker color. If you saturate the color by 10%, you get **A586F8**, and if you desaturate by 10%, it is **C9B8F8**.

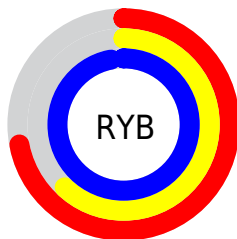
# Distribution



Red (72%)

Green (62%)

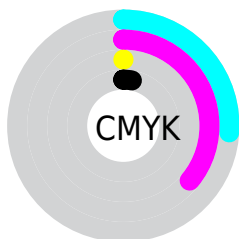
Blue (97%)



Red (72%)

Yellow (62%)

Blue (97%)

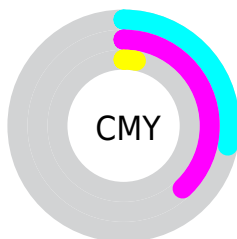


Cyan (26%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (28%)

Magenta (38%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79FF8 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 B79FF8 by changing the saturation by 10% instead.



 B79FF8

FFFFFF

 F0D6FF

 FFF2FF

 B79FF8


 9B85DB

 806BBF

 6553A4

 4B3C89

 31256F

 141056

 00003F

 000328

 000111

 B79FF8


 B79FF8

 A586F8

 C9B8F8

 936DF8

 DBD1F8

 8155F8

 EDE9F8

 6F3CF8

 FFFFF8

 5C23F8

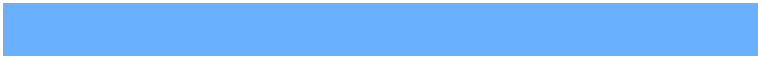
 4A0AF8

 4300F8

# Harmonies

## Analogous

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



69B0FF



B79FF8



E98FD6

# Triad

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



B79FF8



E89C5D



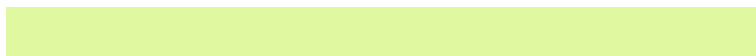
00C4B1

# Complementary

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



**B79FF8**



**E0F89F**

# 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.



59C083



B79FF8



C3AC50

# Square

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



B79FF8



FE8D7E



94B95F



00C2DD

# Rectangle

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



B79FF8



FB88B9



94B95F



00C3A1



# Sweetspot

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



B79FF8



EBE3FF



9FE0F8



736F80



000000



808080



# Same Dimension

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



B79FF8



AF91FF



E39FF8



74707D



3300BD



11003D



# Inverse Universe

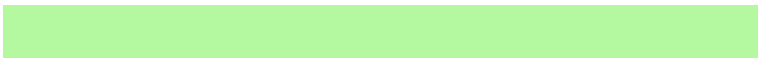
The Inverse Universe completely reimagines the original color for something new.



F89FE0



FF91E1



B4F89F



7D707A



BD008A

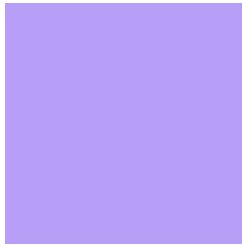


3D002D



# Previews

## White Background



This preview shows how the Hex color B79FF8 looks on a white background.

## Color Contrast Check

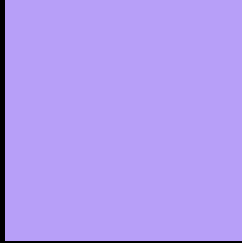
Large Text (above 18pt) WCAG AA × Fail

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 B79FF8 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 B79FF8 Background



This preview shows how black text looks on a background with the Hex color B79FF8.

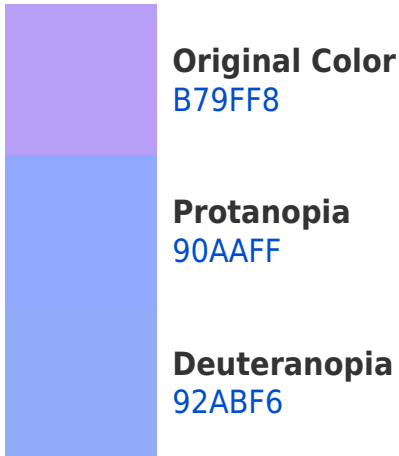


This preview shows how white text looks on a background with the Hex color B79FF8.

# Color Blindness Simulation

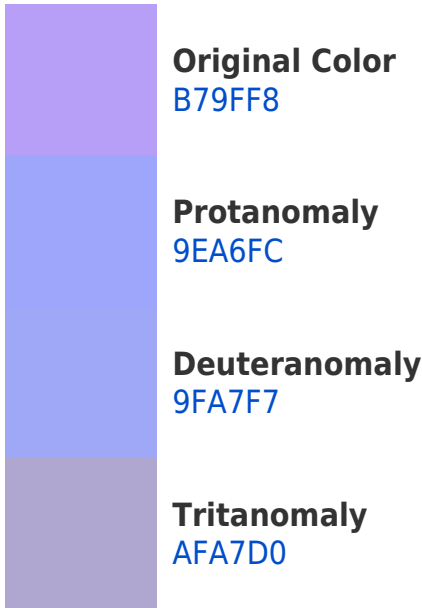
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

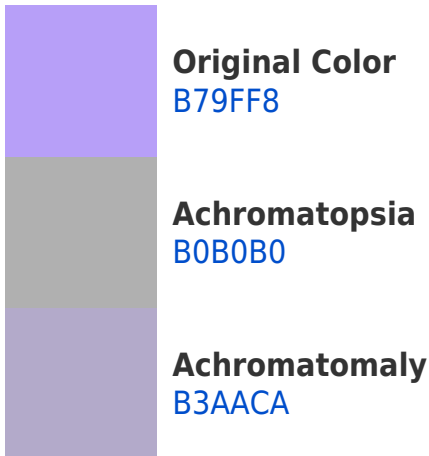




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79FF8 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 #B79FF8 looks like.

```
.text, #text, p{  
    color:#B79FF8  
}
```

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 #B79FF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79FF8
}
```

## Border

The CSS property to change the border of an element to Hex B79FF8 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
#B79FF8 }
```

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

```
.border{ border-color:#B79FF8 }
```

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

Here you see how a box with a 4 pixel #B79FF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79FF8; -webkit-box-shadow:4px 4px  
4px 4px #B79FF8; box-shadow:4px 4px 4px  
4px #B79FF8 }
```

# Background

The CSS property to change the background color of an element to Hex B79FF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79FF8 }
```

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

```
.background{ background-color:#B79FF8 }
```

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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