

# Converting Colors

Hex(B79DFC)

Have a look what the booklet for  
Hex(B79DFC) contains.

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# **Color**

**Hex(B79DFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79DFC
RGB	183, 157, 252
RGB Percent	72%, 62%, 99%
CMY	0.2824, 0.3843, 0.0118
CMYK	0.27, 0.38, 0.00, 0.01
HSL	256°, 94%, 80%
HSV	256°, 38%, 99%
XYZ	49.1561, 41.2095, 97.4589
YIQ	175.6040, -14.9990, 35.0570

# Conversions

## Conversions Part 2

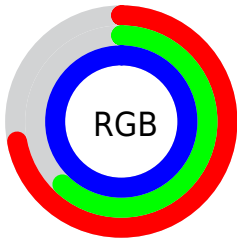
Format	Color
<a href="#">RYB</a>	<a href="#">183, 157, 252</a>
Decimal	<a href="#">12033532</a>
CIELab	<a href="#">70.32, 29.26, -43.91</a>
CIELCh	<a href="#">70, 52.771, 303.680</a>
Yxy	<a href="#">41.2095, 0.2617, 0.2194</a>
Android (android.graphics.Color)	<a href="#">4290223612 (0xFFB79DFC)</a>
YUV	<a href="#">175.6040, 37.6632, 6.4863</a>
Hunter-Lab	<a href="#">64.1946, 24.3432, -45.0766</a>

# Details

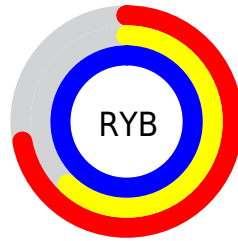
The Hex color **B79DFC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E2FC9D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F1D4FF**, and **8069C3** is the 20% darker color. If you saturate the color by 10%, you get **A584FC**, and if you desaturate by 10%, it is **C9B6FC**.

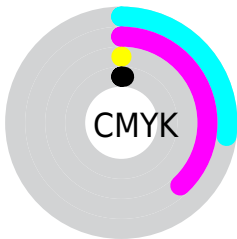
# Distribution



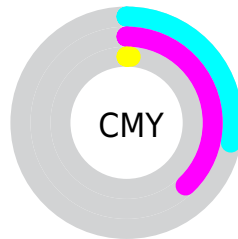
- Red (72%)
- Green (62%)
- Blue (99%)



- Red (72%)
- Yellow (62%)
- Blue (99%)



- Cyan (27%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (38%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79DFC 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 B79DFC by changing the saturation by 10% instead.



 B79DFC

 B79DFC

FFFFFF

 9B83DF

 F1D4FF

 8069C3

 FFF0FF

 6551A7

 4A3A8D

 2F2373

 100E5A

 000042

 00032B

 000115

 B79DFC

 B79DFC

 A584FC

 C9B6FC

 926BFC

 DCCFFC

 8051FC

 EEE9FC

 6E38FC

FFFFFC

 5B1FFC

 4906FC

 4500FC

# Harmonies

## Analogous

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



5FAFFF



B79DFC



EC8BD7

# Triad

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



B79DFC



EA9A56



00C4B1

# Complementary

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



B79DFC



E2FC9D

# 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.



4EC180



B79DFC



C2AB48

# Square

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



B79DFC



FF8A79



90B959



00C3E0

# Rectangle

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



B79DFC



FF84B8



90B959



00C4A0



# Sweetspot

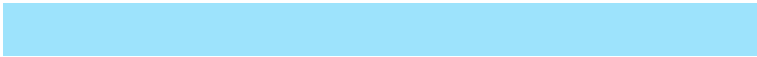
The Sweet Spot groups the original color and five complimentary colors.



B79DFC



EBE3FF



9DE3FC



736F80



000000



808080



# Same Dimension

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



B79DFC



AC8CFF



E69DFC



74707D



3400BD



11003D



# Inverse Universe

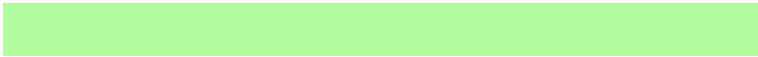
The Inverse Universe completely reimagines the original color for something new.



FC9DE2



FF8CE0



B3FC9D



7D707A



BD0089

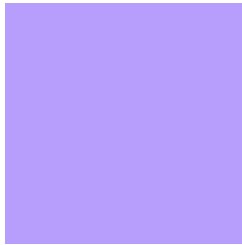


3D002C



# Previews

## White Background



This preview shows how the Hex color B79DFC looks on a white background.

## Color Contrast Check

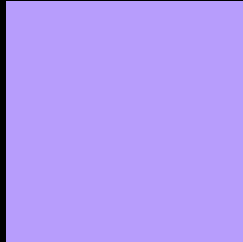
Large Text (above 18pt) WCAG AA × Fail

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 B79DFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

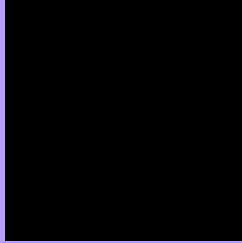
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B79DFC Background



This preview shows how black text looks on a background with the Hex color B79DFC.

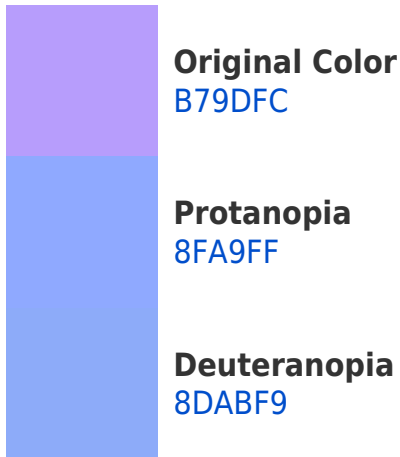


This preview shows how white text looks on a background with the Hex color B79DFC.

# 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](#).

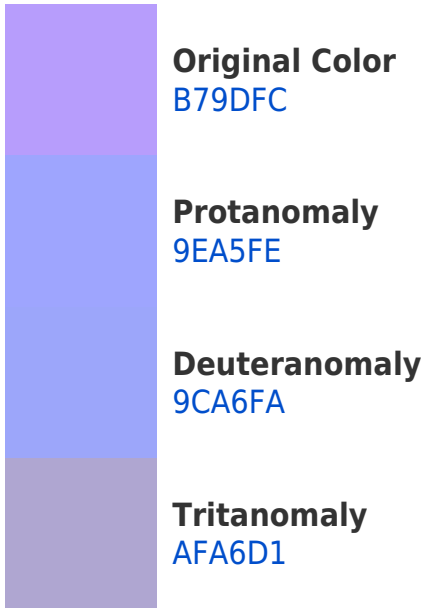
## Dichromacy



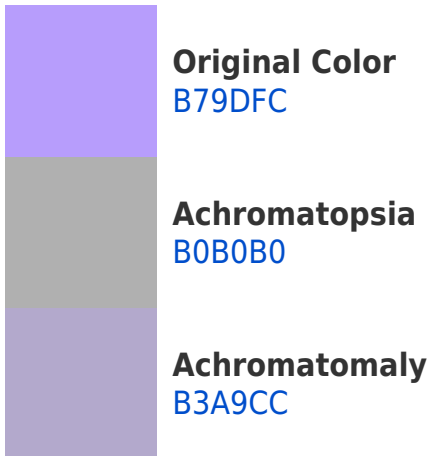


**Tritanopia**  
AAABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79DFC 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 #B79DFC looks like.

```
.text, #text, p{  
    color:#B79DFC  
}
```

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 #B79DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79DFC
}
```

## Border

The CSS property to change the border of an element to Hex B79DFC 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
#B79DFC }
```

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

```
.border{ border-color:#B79DFC }
```

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

Here you see how a box with a 4 pixel #B79DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79DFC; -webkit-box-shadow:4px 4px  
4px 4px #B79DFC; box-shadow:4px 4px 4px  
4px #B79DFC }
```

# Background

The CSS property to change the background color of an element to Hex B79DFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79DFC }
```

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

```
.background{ background-color:#B79DFC }
```

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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