

# Converting Colors

Hex(D79FFB)

Have a look what the booklet for  
Hex(D79FFB) contains.

<b>Hex(D79FFB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D79FFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D79FFB
RGB	215, 159, 251
RGB Percent	84%, 62%, 98%
CMY	0.1569, 0.3765, 0.0157
CMYK	0.14, 0.37, 0.00, 0.02
HSL	277°, 92%, 80%
HSV	277°, 37%, 98%
XYZ	57.8351, 46.2084, 97.1377
YIQ	186.2320, 3.8440, 40.4840

# Conversions

## Conversions Part 2

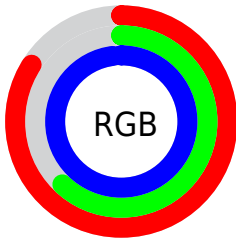
Format	Color
R <sub>Y</sub> B	215, 159, 251
Decimal	14131195
CIE Lab	73.68, 37.14, -37.91
CIE LCh	74, 53.074, 314.412
Yxy	46.2084, 0.2875, 0.2297
Android (android.graphics.Color)	4292321275 (0xFFD79FFB)
YUV	186.2320, 31.9306, 25.2295
Hunter-Lab	67.9767, 32.9096, -37.1407

# Details

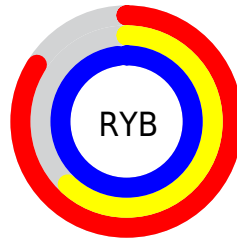
The Hex color **D79FFB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3FB9F**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD6FF**, and **9F6BC2** is the 20% darker color. If you saturate the color by 10%, you get **CD86FB**, and if you desaturate by 10%, it is **E1B8FB**.

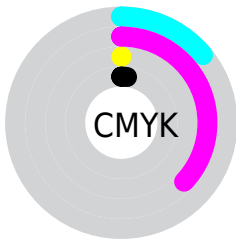
# Distribution



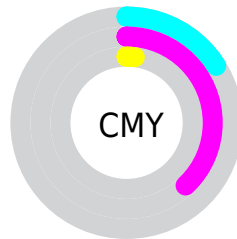
- Red (84%)
- Green (62%)
- Blue (98%)



- Red (84%)
- Yellow (62%)
- Blue (98%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (38%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D79FFB 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 D79FFB by changing the saturation by 10% instead.



 D79FFB

 D79FFB

FFFFFF

 BB84DE

 FFD6FF

 9F6BC2

 FFF3FF

 8451A7

 69398C

 502172

 360759

 1E0041

 00002A

 000114

 D79FFB

 D79FFB

 CD86FB

 E1B8FB

 C36DFB

 EBD1FB

 BA54FB

 F4EAFB

 B03BFB

 FEFFFF

 A621FB

 FFFFFB

 9C08FB

 9900FB

# Harmonies

## Analogous

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



8EB2FF



D79FFB



FF8FD1

# Triad

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



D79FFB



E7A956



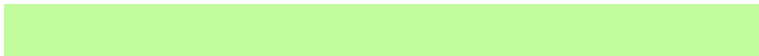
00CECC

# Complementary

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



D79FFB



C3FB9F

# 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.



32CC99



D79FFB



BBBA53

# Square

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



D79FFB



FF9873



85C56D



00CBF8

# Rectangle

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



D79FFB



FF8CB0



85C56D



00CEBB



# Sweetspot

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



D79FFB



F4E3FF



9FC4FB



796F80



000000



808080



# Same Dimension

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



D79FFB



D38FFF



FB9FF2



78707D



7300BD



25003D



# Inverse Universe

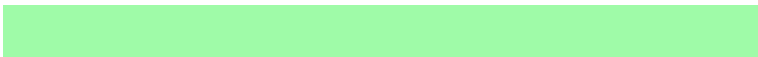
The Inverse Universe completely reimagines the original color for something new.



FB9FC3



FF8FBB



9FFBA8



7D7075



BD004A

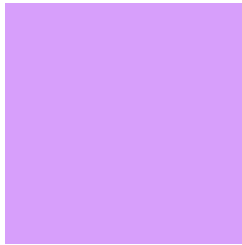


3D0018



# Previews

## White Background



This preview shows how the Hex color D79FFB looks on a white background.

## Color Contrast Check

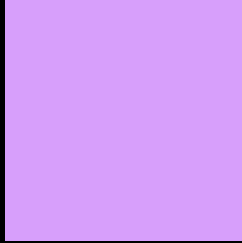
Large Text (above 18pt) WCAG AA × Fail

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 D79FFB 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 D79FFB Background



This preview shows how black text looks on a background with the Hex color D79FFB.

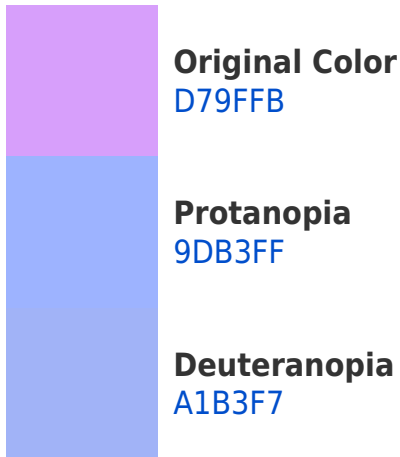


This preview shows how white text looks on a background with the Hex color D79FFB.

# 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



**Original Color**  
D79FFB



**Protanomaly**  
B2ACFE



**Deuteranomaly**  
B5ACF8



**Tritanomaly**  
D1A7D2

# Monochromacy



**Original Color**  
D79FFB



**Achromatopsia**  
BABABA



**Achromatomaly**  
C5B0D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D79FFB 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 #D79FFB looks like.

```
.text, #text, p{  
    color:#D79FFB  
}
```

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 #D79FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79FFB
}
```

## Border

The CSS property to change the border of an element to Hex D79FFB 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
#D79FFB }
```

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

```
.border{ border-color:#D79FFB }
```

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

Here you see how a box with a 4 pixel #D79FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79FFB; -webkit-box-shadow:4px 4px  
4px 4px #D79FFB; box-shadow:4px 4px 4px  
4px #D79FFB }
```

# Background

The CSS property to change the background color of an element to Hex D79FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79FFB }
```

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

```
.background{ background-color:#D79FFB }
```

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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