

# Converting Colors

Hex(D19DFD)

Have a look what the booklet for  
Hex(D19DFD) contains.

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# **Color**

**Hex(D19DFD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D19DFD
RGB	209, 157, 253
RGB Percent	82%, 62%, 99%
CMY	0.1804, 0.3843, 0.0078
CMYK	0.17, 0.38, 0.00, 0.01
HSL	272°, 96%, 80%
HSV	272°, 38%, 99%
XYZ	56.0811, 44.7611, 98.6125
YIQ	183.4920, 0.1760, 40.8800

# Conversions

## Conversions Part 2

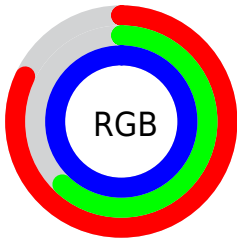
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 157, 253
Decimal	13737469
CIE <sub>Lab</sub>	72.73, 36.89, -40.51
CIE <sub>LCh</sub>	73, 54.794, 312.323
Yxy	44.7611, 0.2812, 0.2244
Android (android.graphics.Color)	4291927549 (0xFFD19DFD)
YUV	183.4920, 34.2674, 22.3705
Hunter-Lab	66.9037, 32.5435, -40.5576

# Details

The Hex color **D19DFD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9FD9D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD4FF**, and **9969C4** is the 20% darker color. If you saturate the color by 10%, you get **C584FD**, and if you desaturate by 10%, it is **DDB6FD**.

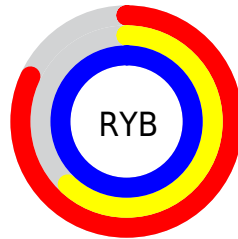
# Distribution



Red (82%)

Green (62%)

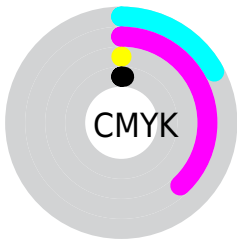
Blue (99%)



Red (82%)

Yellow (62%)

Blue (99%)

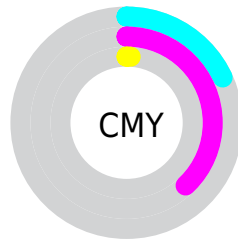


Cyan (17%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (38%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19DFD 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 D19DFD by changing the saturation by 10% instead.



 D19DFD

 D19DFD

FFFFFF

 B582E0

 FFD4FF

 9969C4

 FFF1FF

 7E50A8

 63388E

 4A2074

 30075B

 180043

 00002C

 000116

 D19DFD

 D19DFD

 C584FD

 DDB6FD

 BA6AFD

 E8D0FD

 AE51FD

 F4E9FD

 A338FD

FFFFFFD

 971FFD

 8B05FD

 8900FD

# Harmonies

## Analogous

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



82B1FF



D19DFD



FF8CD2

# Triad

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



D19DFD



E8A551



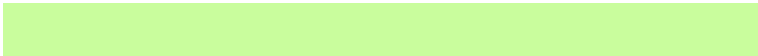
00CCC6

# Complementary

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



D19DFD



C9FD9D

# 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.



2ECA92



D19DFD



BCB64C

# Square

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



D19DFD



FF9371



84C365



00C9F5

# Rectangle

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



D19DFD



FF87B1



84C365



00CCB5



# Sweetspot

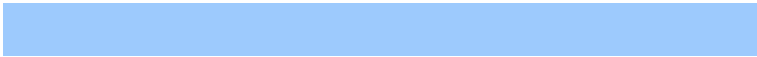
The Sweet Spot groups the original color and five complimentary colors.



D19DFD



F2E3FF



9DCAFD



786F80



000000



808080



# Same Dimension

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



D19DFD



C98AFF



FD9DFA



7A7380



6800BF



230040



# Inverse Universe

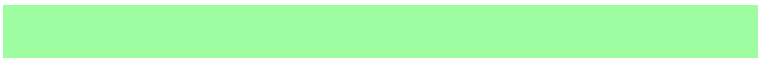
The Inverse Universe completely reimagines the original color for something new.



FD9DC9



FF8ABF



9DFDA0



807379



BF0058

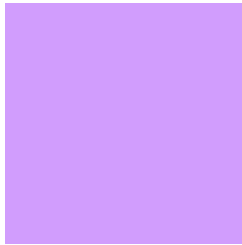


40001D



# Previews

## White Background



This preview shows how the Hex color D19DFD looks on a white background.

## Color Contrast Check

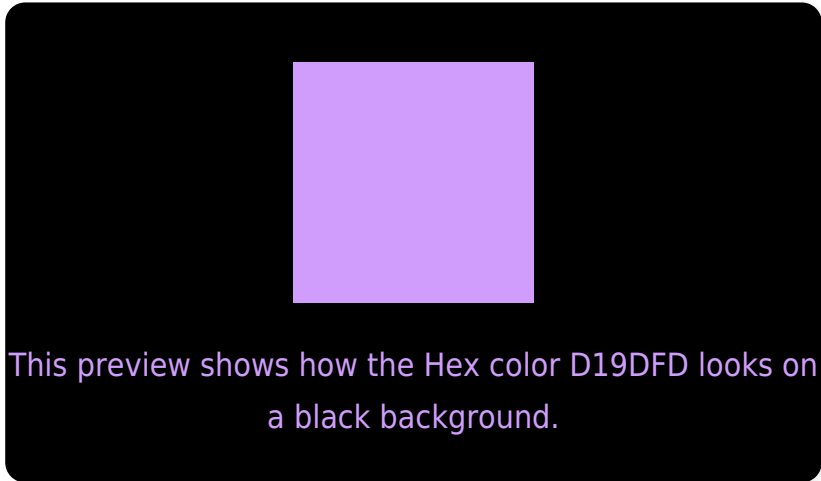
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 D19DFD Background



This preview shows how black text looks on a background with the Hex color D19DFD.



This preview shows how white text looks on a background with the Hex color D19DFD.

# 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](#).

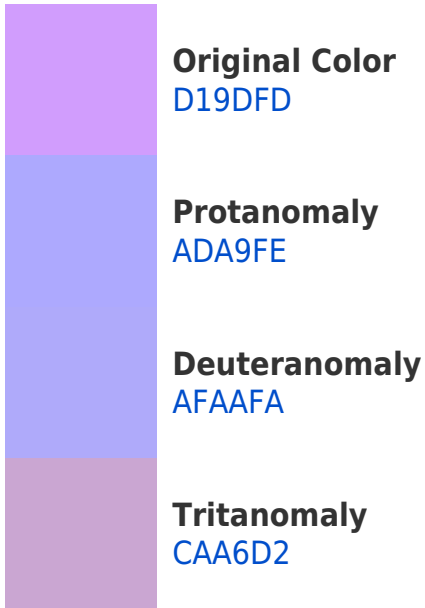
## Dichromacy



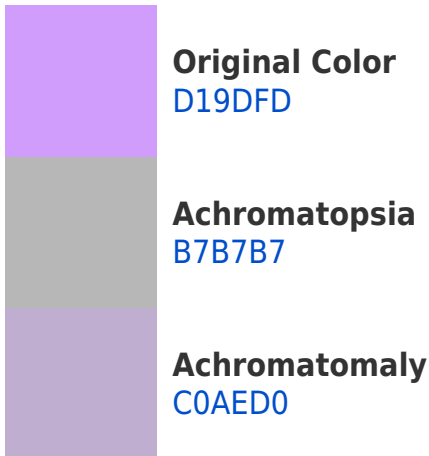


**Tritanopia**  
C6ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19DFD 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 #D19DFD looks like.

```
.text, #text, p{  
  color:#D19DFD  
}
```

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 #D19DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19DFD
}
```

## Border

The CSS property to change the border of an element to Hex D19DFD 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
#D19DFD }
```

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

```
.border{ border-color:#D19DFD }
```

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

Here you see how a box with a 4 pixel #D19DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19DFD; -webkit-box-shadow:4px 4px  
4px 4px #D19DFD; box-shadow:4px 4px 4px  
4px #D19DFD }
```

# Background

The CSS property to change the background color of an element to Hex D19DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19DFD }
```

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

```
.background{ background-color:#D19DFD }
```

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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