

# Converting Colors

Hex(D19FF9)

Have a look what the booklet for  
Hex(D19FF9) contains.

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# **Color**

**Hex(D19FF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D19FF9
RGB	209, 159, 249
RGB Percent	82%, 62%, 98%
CMY	0.1804, 0.3765, 0.0235
CMYK	0.16, 0.36, 0.00, 0.02
HSL	273°, 88%, 80%
HSV	273°, 36%, 98%
XYZ	55.7915, 45.1911, 95.4048
YIQ	184.2100, 0.9100, 38.5900

# Conversions

## Conversions Part 2

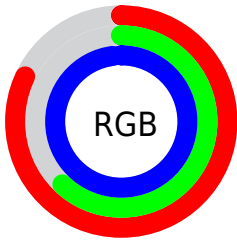
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 159, 249
Decimal	13737977
CIE <sub>Lab</sub>	73.02, 34.95, -37.90
CIE <sub>LCh</sub>	73, 51.557, 312.678
Yxy	45.1911, 0.2841, 0.2301
Android (android.graphics.Color)	4291928057 (0xFFD19FF9)
YUV	184.2100, 31.9415, 21.7408
Hunter-Lab	67.2244, 30.4999, -37.0873

# Details

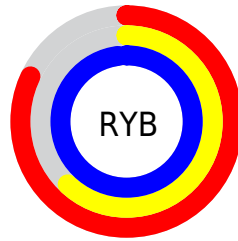
The Hex color **D19FF9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C7F99F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD6FF**, and **996BC0** is the 20% darker color. If you saturate the color by 10%, you get **C686F9**, and if you desaturate by 10%, it is **DCB8F9**.

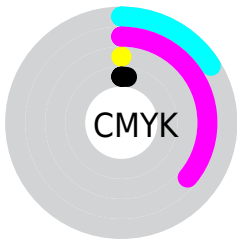
# Distribution



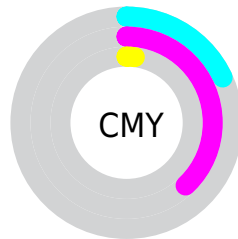
- Red (82%)
- Green (62%)
- Blue (98%)



- Red (82%)
- Yellow (62%)
- Blue (98%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (38%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19FF9 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 D19FF9 by changing the saturation by 10% instead.



 D19FF9

 D19FF9

FFFFFF

 B584DC

 FFD6FF

 996BC0

 FFF3FF

 7E52A5

 643A8A

 4A2270

 310A57

 1A0040

 000029

 000113

 D19FF9

 D19FF9

 C686F9

 DCB8F9

 BB6DF9

 E7D1F9

 B054F9

 F2EAF9

 A53BF9

 FDFFF9

 9A22F9

 FFFFF9

 8F0AF9

 8A00F9

# Harmonies

## Analogous

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



89B1FF



D19FF9



FD90D1

# Triad

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



D19FF9



E6A758



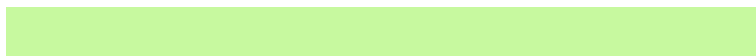
00CBC6

# Complementary

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



D19FF9



C7F99F

# 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.



3EC996



D19FF9



BCB754

# Square

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



D19FF9



FF9675



88C36B



00C9F2

# Rectangle

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



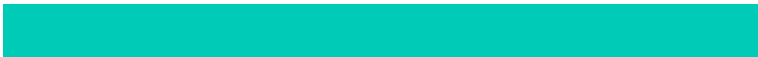
D19FF9



FF8BB1



88C36B



00CBB6



# Sweetspot

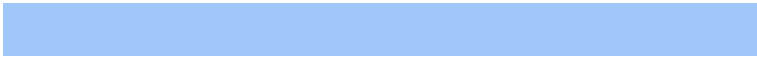
The Sweet Spot groups the original color and five complimentary colors.



D19FF9



F3E3FF



9FC8F9



786F80



000000



808080



# Same Dimension

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



D19FF9



CE91FF



F99FF5



77707D



6900BD



22003D



# Inverse Universe

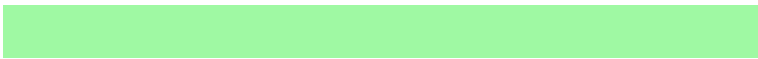
The Inverse Universe completely reimagines the original color for something new.



F99FC7



FF91C2



9FF9A3



7D7076



BD0054

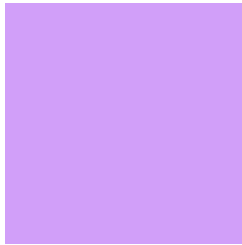


3D001B



# Previews

## White Background



This preview shows how the Hex color D19FF9 looks on a white background.

## Color Contrast Check

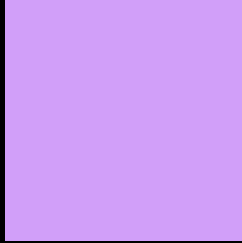
Large Text (above 18pt) WCAG AA × Fail

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 D19FF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

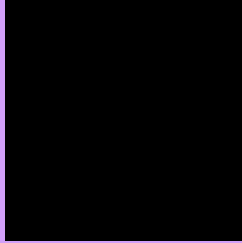
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D19FF9 Background



This preview shows how black text looks on a background with the Hex color D19FF9.

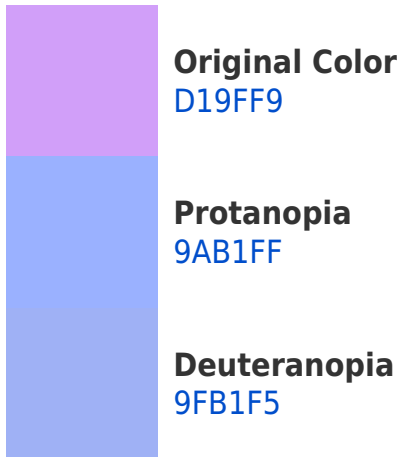


This preview shows how white text looks on a background with the Hex color D19FF9.

# 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**  
C7ACB9

# Trichromacy



**Original Color**  
D19FF9



**Protanomaly**  
AEAADF



**Deuteranomaly**  
B1AAF6



**Tritanomaly**  
CBA7D0

# Monochromacy



**Original Color**  
D19FF9



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
C1AFD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19FF9 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 #D19FF9 looks like.

```
.text, #text, p{  
    color:#D19FF9  
}
```

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 #D19FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19FF9
}
```

## Border

The CSS property to change the border of an element to Hex D19FF9 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
#D19FF9 }
```

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

```
.border{ border-color:#D19FF9 }
```

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

Here you see how a box with a 4 pixel #D19FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19FF9; -webkit-box-shadow:4px 4px  
4px 4px #D19FF9; box-shadow:4px 4px 4px  
4px #D19FF9 }
```

# Background

The CSS property to change the background color of an element to Hex D19FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19FF9 }
```

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

```
.background{ background-color:#D19FF9 }
```

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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