

# Converting Colors

Hex(D99FFF)

Have a look what the booklet for  
Hex(D99FFF) contains.

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# **Color**

**Hex(D99FFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D99FFF
RGB	217, 159, 255
RGB Percent	85%, 62%, 100%
CMY	0.1490, 0.3765, 0.0000
CMYK	0.15, 0.38, 0.00, 0.00
HSL	276°, 100%, 81%
HSV	276°, 38%, 100%
XYZ	59.0634, 46.7680, 100.5219
YIQ	187.2860, 3.7520, 42.1520

# Conversions

## Conversions Part 2

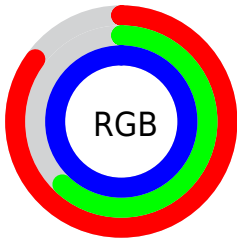
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 159, 255
Decimal	14262271
CIE <sub>Lab</sub>	74.04, 38.57, -39.50
CIE <sub>LCh</sub>	74, 55.205, 314.314
Yxy	46.7680, 0.2862, 0.2266
Android (android.graphics.Color)	4292452351 (0xFFD99FFF)
YUV	187.2860, 33.3830, 26.0592
Hunter-Lab	68.3871, 34.4863, -39.2791

# Details

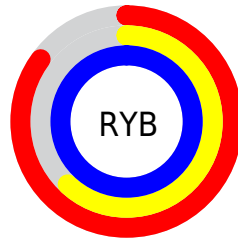
The Hex color **D99FFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C5FF9F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD6FF**, and **A16AC6** is the 20% darker color. If you saturate the color by 10%, you get **CF85FF**, and if you desaturate by 10%, it is **E3B9FF**.

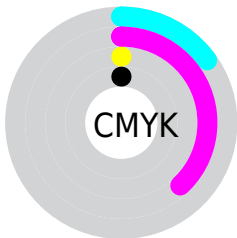
# Distribution



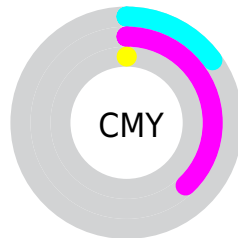
- Red (85%)
- Green (62%)
- Blue (100%)



- Red (85%)
- Yellow (62%)
- Blue (100%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D99FFF 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 D99FFF by changing the saturation by 10% instead.



 D99FFF

 D99FFF

FFFFFF

 BD84E2

 FFD6FF

 A16AC6

 FFF3FF

 8551AA

 6B3990

 512176

 37065C

 1F0044

 00002D

 000118

 D99FFF

 D99FFF

 CF85FF

 E3B9FF

 C56CFF

 EDD2FF

 BB52FF

 F7ECFF

 B139FF

FFFFFF

 A71FFF

 9C06FF

 9A00FF

# Harmonies

## Analogous

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



8CB3FF



D99FFF



FF8ED3

# Triad

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



D99FFF



EAAA52



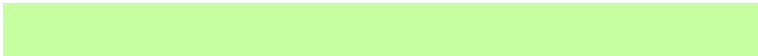
00D0CD

# Complementary

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



D99FFF



C5FF9F

# 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.



26CE99



D99FFF



BCBB4F

# Square

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



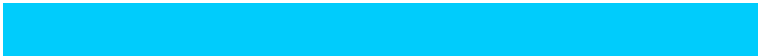
D99FFF



FF9771



83C76B



00CCFC

# Rectangle

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



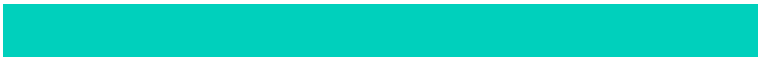
D99FFF



FF8AB1



83C76B



00D0BC



# Sweetspot

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



D99FFF



F4E3FF



9FC5FF



796F80



000000



808080



# Same Dimension

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



D99FFF



D28CFF



FF9FF5



7A7380



7400BF



270040



# Inverse Universe

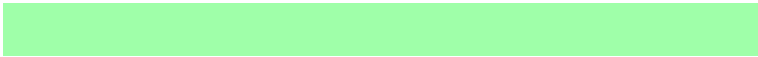
The Inverse Universe completely reimagines the original color for something new.



FF9FC5



FF8CBA



9FFFA9



807378



BF004C

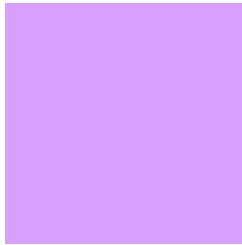


400019



# Previews

## White Background



This preview shows how the Hex color D99FFF looks on a white background.

## Color Contrast Check

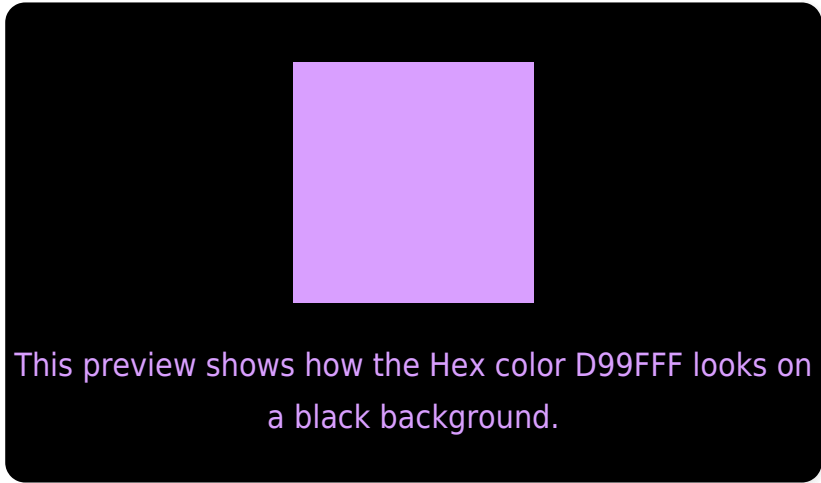
Large Text (above 18pt) WCAG AA × Fail

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

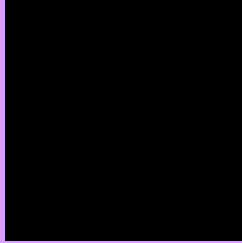
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D99FFF Background



This preview shows how black text looks on a background with the Hex color D99FFF.

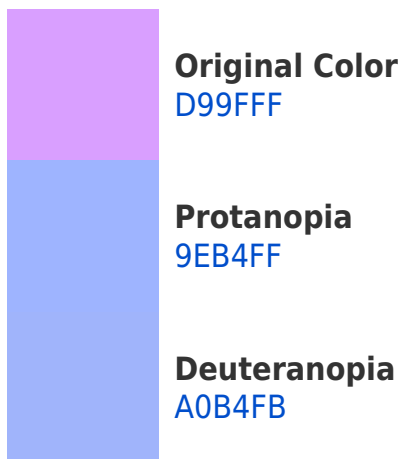


This preview shows how white text looks on a background with the Hex color D99FFF.

# 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**  
D99FFF



**Protanomaly**  
B3ACFF



**Deuteranomaly**  
B5ACFC



**Tritanomaly**  
D2A8D4

# Monochromacy



**Original Color**  
D99FFF



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
C6B1D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D99FFF 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 #D99FFF looks like.

```
.text, #text, p{  
    color:#D99FFF  
}
```

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 #D99FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99FFF
}
```

## Border

The CSS property to change the border of an element to Hex D99FFF 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
#D99FFF }
```

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

```
.border{ border-color:#D99FFF }
```

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

Here you see how a box with a 4 pixel #D99FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99FFF; -webkit-box-shadow:4px 4px  
4px 4px #D99FFF; box-shadow:4px 4px 4px  
4px #D99FFF }
```

# Background

The CSS property to change the background color of an element to Hex D99FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99FFF }
```

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

```
.background{ background-color:#D99FFF }
```

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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