

# Converting Colors

Hex(FD99F9)

Have a look what the booklet for  
Hex(FD99F9) contains.

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# Color

**Hex(FD99F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD99F9
RGB	253, 153, 249
RGB Percent	99%, 60%, 98%
CMY	0.0078, 0.4000, 0.0235
CMYK	0.00, 0.40, 0.02, 0.01
HSL	302°, 96%, 80%
HSV	302°, 40%, 99%
XYZ	68.9981, 50.5047, 95.7343
YIQ	193.8440, 28.7840, 51.0560

# Conversions

## Conversions Part 2

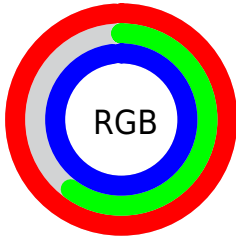
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 153, 249
Decimal	16620025
CIE Lab	76.38, 51.19, -32.33
CIE LCh	76, 60.542, 327.724
Yxy	50.5047, 0.3206, 0.2346
Android (android.graphics.Color)	4294810105 (0xFFFD99F9)
YUV	193.8440, 27.1919, 51.8798
Hunter-Lab	71.0666, 48.9379, -30.1233

# Details

The Hex color **FD99F9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **99FD9D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFD1FF**, and **C363C0** is the 20% darker color. If you saturate the color by 10%, you get **FD80F8**, and if you desaturate by 10%, it is **FDB2FA**.

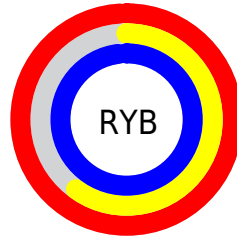
# Distribution



Red (99%)

Green (60%)

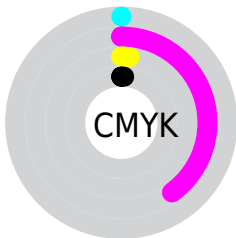
Blue (98%)



Red (99%)

Yellow (60%)

Blue (98%)

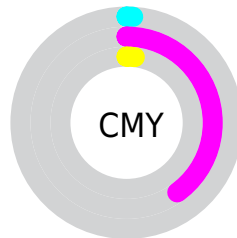


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (40%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD99F9 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 FD99F9 by changing the saturation by 10% instead.



 FD99F9

 FD99F9

FFFFFF

 E07EDC

 FFD1FF

 C363C0

 FFE EFF

 A648A5

 8B2D8A

 700D71

 550058

 3B0040

 24002A

 000113

 FD99F9

 FD99F9

 FD80F8

 FDB2FA

 FD66F7

 FDCCFB

 FD4DF6

 FDE5FC

 FD34F5

 FDFEFD

 FD1AF4

FDFFFE

 FD01F3

FDFFFF

 FD00F3

# Harmonies

## Analogous

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



B8AFFF



FD99F9



FF8CC3

# Triad

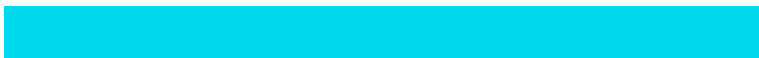
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FD99F9



E0B847



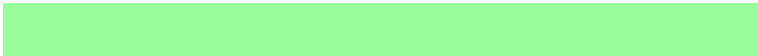
00D8EF

# Complementary

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



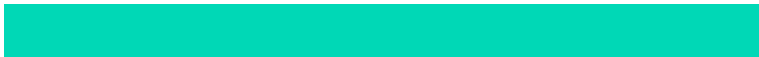
FD99F9



99FD9D

# 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.



00D8B6



FD99F9



A8C854

# Square

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



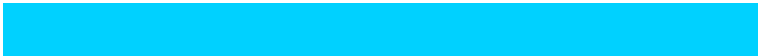
FD99F9



FFA35E



5FD37E



00D1FF

# Rectangle

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



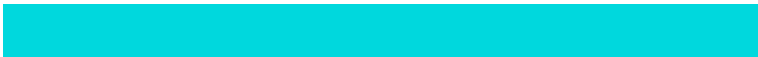
FD99F9



FF8D9D



5FD37E



00D8DD



# Sweetspot

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



FD99F9



FFE0FE



9C99FD



806E7F



000000



808080



# Same Dimension

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



FD99F9



FF87FA



FD99C8



80737F



BF00B8



40003D



# Inverse Universe

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



FD99F9



FF87FA



99FDCE



80737F



BF00B8



40003D



# Previews

## White Background



This preview shows how the Hex color FD99F9 looks on a white background.

## Color Contrast Check

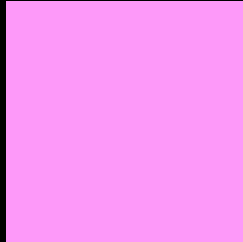
Large Text (above 18pt) WCAG AA × Fail

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 FD99F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

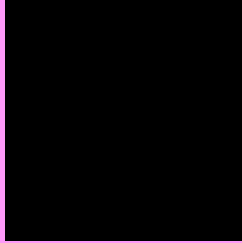
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FD99F9 Background



This preview shows how black text looks on a background with the Hex color FD99F9.



This preview shows how white text looks on a background with the Hex color FD99F9.

# 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**  
F4A8B4

# Trichromacy



**Original Color**  
FD99F9



**Protanomaly**  
C7AFFD



**Deuteranomaly**  
CDADF5



**Tritanomaly**  
F7A3CD

# Monochromacy



**Original Color**  
FD99F9



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
D7B3D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD99F9 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 #FD99F9 looks like.

```
.text, #text, p{  
    color:#FD99F9  
}
```

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 #FD99F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD99F9
}
```

## Border

The CSS property to change the border of an element to Hex FD99F9 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
#FD99F9 }
```

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

```
.border{ border-color:#FD99F9 }
```

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

Here you see how a box with a 4 pixel #FD99F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD99F9; -webkit-box-shadow:4px 4px  
4px 4px #FD99F9; box-shadow:4px 4px 4px  
4px #FD99F9 }
```

# Background

The CSS property to change the background color of an element to Hex FD99F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD99F9 }
```

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

```
.background{ background-color:#FD99F9 }
```

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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