

# Converting Colors

Hex(FD9CE9)

Have a look what the booklet for  
Hex(FD9CE9) contains.

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# **Color**

**Hex(FD9CE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9CE9
RGB	253, 156, 233
RGB Percent	99%, 61%, 91%
CMY	0.0078, 0.3882, 0.0863
CMYK	0.00, 0.38, 0.08, 0.01
HSL	312°, 96%, 80%
HSV	312°, 38%, 99%
XYZ	67.1045, 50.5428, 83.3097
YIQ	193.7810, 33.0950, 44.5110

# Conversions

## Conversions Part 2

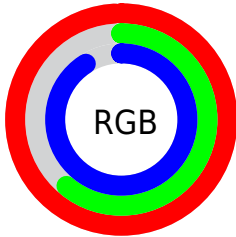
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 156, 233
Decimal	16620777
CIE Lab	76.40, 46.94, -23.61
CIE LCh	76, 52.544, 333.294
Yxy	50.5428, 0.3339, 0.2515
Android (android.graphics.Color)	4294810857 (0xFFFD9CE9)
YUV	193.7810, 19.3350, 51.9351
Hunter-Lab	71.0934, 44.0710, -19.7126

# Details

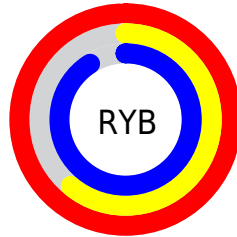
The Hex color **FD9CE9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9CFDB0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFD4FF**, and **C366B1** is the 20% darker color. If you saturate the color by 10%, you get **FD83E4**, and if you desaturate by 10%, it is **FDB5EE**.

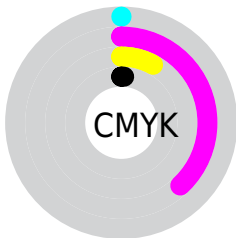
# Distribution



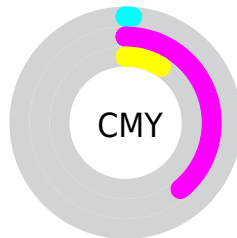
- Red (99%)
- Green (61%)
- Blue (91%)



- Red (99%)
- Yellow (61%)
- Blue (91%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (39%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD9CE9 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 FD9CE9 by changing the saturation by 10% instead.



 FD9CE9

 FD9CE9

FFFFFF

 E081CD

 FFD4FF

 C366B1

 FFF1FF

 A74C96

 8B327C

 701563

 56004B

 3C0034

 25001F

 000000

 FD9CE9

 FD9CE9

 FD83E4

 FDB5EE

 FD69DF

 FDCFF3

 FD50D9

 FDE8F9

 FD37D4

 FDFFFE

 FD1ECF

 FDFFFF

 FD04CA

 FD00C9

# Harmonies

## Analogous

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



C7AEFF



FD9CE9



FF94B9

# Triad

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



FD9CE9



D5BC58



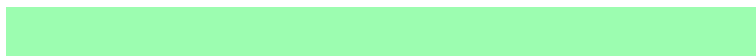
00D4F0

# Complementary

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



FD9CE9



9CFDB0

# 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.



00D5C0



FD9CE9



A2C968

# Square

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



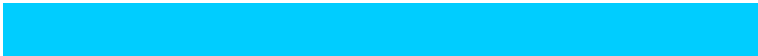
FD9CE9



FCAA66



62D28F



00CDFE

# Rectangle

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



FD9CE9



FF9699



62D28F



00D5E1



# Sweetspot

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



FD9CE9



FFE0F9



AF9CFD



806E7C



000000



808080



# Same Dimension

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



FD9CE9



FF8AE7



FD9CB9



80737D



BF0098



400033



# Inverse Universe

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



FD9CE9



FF8AE7



9CFDE0



80737D



BF0098

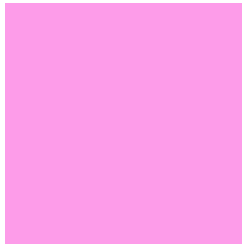


400033



# Previews

## White Background



This preview shows how the Hex color FD9CE9 looks on a white background.

## Color Contrast Check

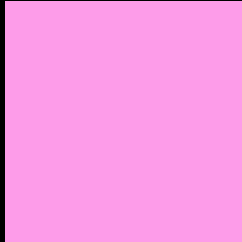
Large Text (above 18pt) WCAG AA × Fail

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 FD9CE9 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 FD9CE9 Background



This preview shows how black text looks on a background with the Hex color FD9CE9.

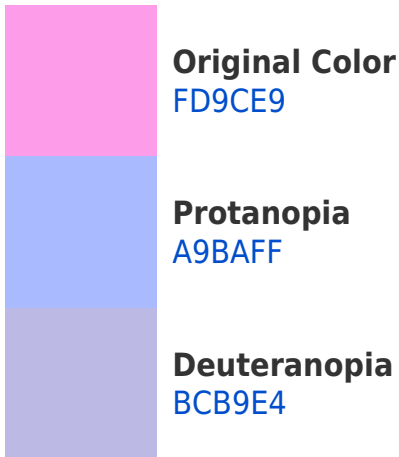


This preview shows how white text looks on a background with the Hex color FD9CE9.

# 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**  
F7A7B3

# Trichromacy



**Original Color**  
FD9CE9



**Protanomaly**  
C8AFF7



**Deuteranomaly**  
D4AEE6

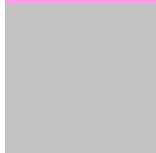


**Tritanomaly**  
F9A3C7

# Monochromacy



**Original Color**  
FD9CE9



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
D7B4D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD9CE9 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 #FD9CE9 looks like.

```
.text, #text, p{  
    color:#FD9CE9  
}
```

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 #FD9CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9CE9
}
```

## Border

The CSS property to change the border of an element to Hex FD9CE9 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
#FD9CE9 }
```

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

```
.border{ border-color:#FD9CE9 }
```

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

Here you see how a box with a 4 pixel #FD9CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9CE9; -webkit-box-shadow:4px 4px  
4px 4px #FD9CE9; box-shadow:4px 4px 4px  
4px #FD9CE9 }
```

# Background

The CSS property to change the background color of an element to Hex FD9CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9CE9 }
```

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

```
.background{ background-color:#FD9CE9 }
```

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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