

# Converting Colors

Hex(FF9DE7)

Have a look what the booklet for  
Hex(FF9DE7) contains.

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# Color

Hex(**FF9DE7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9DE7
RGB	255, 157, 231
RGB Percent	100%, 62%, 91%
CMY	0.0000, 0.3843, 0.0941
CMYK	0.00, 0.38, 0.09, 0.00
HSL	315°, 100%, 81%
HSV	315°, 38%, 100%
XYZ	67.7208, 51.1435, 81.9037
YIQ	194.7380, 34.6540, 43.7900

# Conversions

## Conversions Part 2

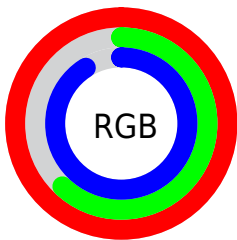
Format	Color
R <sub>Y</sub> B	255, 157, 231
Decimal	16752103
CIE Lab	76.77, 46.73, -21.95
CIE LCh	77, 51.625, 334.838
Yxy	51.1435, 0.3373, 0.2547
Android (android.graphics.Color)	4294942183 (0xFFFF9DE7)
YUV	194.7380, 17.8772, 52.8498
Hunter-Lab	71.5147, 43.8798, -17.8429

# Details

The Hex color **FF9DE7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9DFFB5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFD5FF**, and **C567AF** is the 20% darker color. If you saturate the color by 10%, you get **FF84E1**, and if you desaturate by 10%, it is **FFB7ED**.

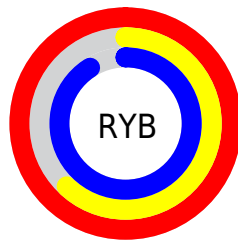
# Distribution



Red (100%)

Green (62%)

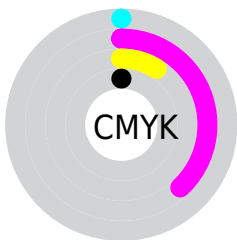
Blue (91%)



Red (100%)

Yellow (62%)

Blue (91%)

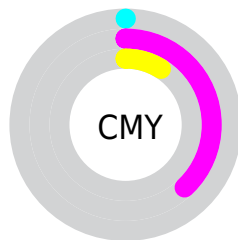


Cyan (0%)

Magenta (38%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9DE7 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 FF9DE7 by changing the saturation by 10% instead.



 FF9DE7

 FF9DE7

FFFFFF

 E282CB

 FFD5FF

 C567AF

 FFF2FF

 A84D95

 8D337B

 721662

 57004A

 3E0033

 27001E

 000000

 FF9DE7

 FF9DE7

 FF84E1

 FFB7ED

 FF6ADB

 FFD0F3

 FF51D4

 FFEAFA

 FF37CE

FFFFFF

 FF1DC8

 FF04C2

 FF00C1

# Harmonies

## Analogous

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



CCA EFF



FF9 DE7



FF9 6B8

# Triad

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



FF9DE7



D3BD5B



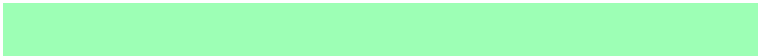
00D4F3

# Complementary

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



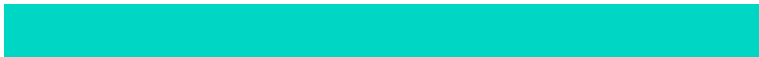
FF9DE7



9DFFB5

# 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.



00D6C4



FF9DE7



A1CB6C

# Square

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



FF9DE7



FBAC67



61D393



00CDFF

# Rectangle

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



FF9DE7



FF9998



61D393



00D6E4



# Sweetspot

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



FF9DE7



FFE0F8



B49DFF



806E7B



000000



808080



# Same Dimension

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



FF9DE7



FF8AE2



FF9DB7



80737C



BF0090



400030



# Inverse Universe

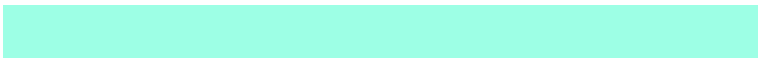
The Inverse Universe completely reimagines the original color for something new.



FF9DE7



FF8AE2



9DFFE5



80737C



BF0090

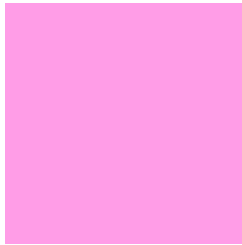


400030



# Previews

## White Background



This preview shows how the Hex color FF9DE7 looks on a white background.

## Color Contrast Check

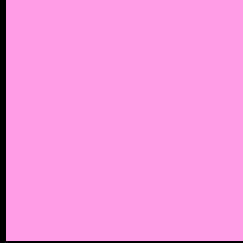
Large Text (above 18pt) WCAG AA × Fail

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 FF9DE7 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 FF9DE7 Background



This preview shows how black text looks on a background with the Hex color FF9DE7.



This preview shows how white text looks on a background with the Hex color FF9DE7.

# 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**  
F9A7B4

# Trichromacy



**Original Color**  
FF9DE7



**Protanomaly**  
CAB1F5



**Deuteranomaly**  
D6AFE4

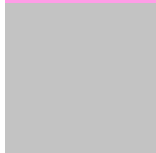


**Tritanomaly**  
FBA3C7

# Monochromacy



**Original Color**  
FF9DE7



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
D9B5D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9DE7 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 #FF9DE7 looks like.

```
.text, #text, p{  
    color:#FF9DE7  
}
```

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 #FF9DE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9DE7
}
```

## Border

The CSS property to change the border of an element to Hex FF9DE7 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
#FF9DE7 }
```

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

```
.border{ border-color:#FF9DE7 }
```

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

Here you see how a box with a 4 pixel #FF9DE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9DE7; -webkit-box-shadow:4px 4px  
4px 4px #FF9DE7; box-shadow:4px 4px 4px  
4px #FF9DE7 }
```

# Background

The CSS property to change the background color of an element to Hex FF9DE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9DE7 }
```

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

```
.background{ background-color:#FF9DE7 }
```

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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