

# Converting Colors

Hex(FF9DD7)

Have a look what the booklet for  
Hex(FF9DD7) contains.

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# **Color**

**Hex(F99DD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9DD7
RGB	255, 157, 215
RGB Percent	100%, 62%, 84%
CMY	0.0000, 0.3843, 0.1569
CMYK	0.00, 0.38, 0.16, 0.00
HSL	324°, 100%, 81%
HSV	324°, 38%, 100%
XYZ	65.5627, 50.2802, 70.5395
YIQ	192.9140, 39.7900, 38.8140

# Conversions

## Conversions Part 2

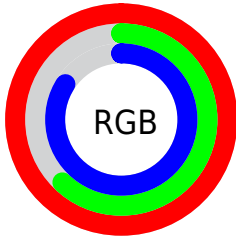
Format	Color
R <sub>Y</sub> B	255, 157, 215
Decimal	16752087
CIE Lab	76.24, 44.19, -14.02
CIE LCh	76, 46.364, 342.398
Yxy	50.2802, 0.3518, 0.2698
Android (android.graphics.Color)	4294942167 (0xFFFF9DD7)
YUV	192.9140, 10.8884, 54.4494
Hunter-Lab	70.9086, 40.9528, -9.3454

# Details

The Hex color **FF9DD7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9DFFC5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFD5FF**, and **C567A0** is the 20% darker color. If you saturate the color by 10%, you get **FF84CD**, and if you desaturate by 10%, it is **FFB7E1**.

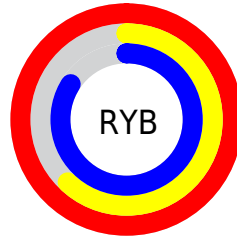
# Distribution



Red (100%)

Green (62%)

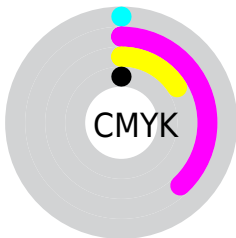
Blue (84%)



Red (100%)

Yellow (62%)

Blue (84%)

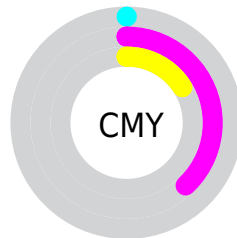


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9DD7 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 FF9DD7 by changing the saturation by 10% instead.



 FF9DD7

 FF9DD7

FFFFFF

 E282BB

 FFD5FF

 C567A0

 FFF2FF

 A84D86

 8D336D

 721854

 57003D

 3D0027

 260012

 000000

 FF9DD7

 FF9DD7

 FF84CD

 FFB7E1

 FF6AC2

 FFD0EC

 FF51B8

 FFEAF6

 FF37AD

FFFFFF

 FF1DA3

 FF0499

 FF0097

# Harmonies

## Analogous

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



D7AAF0



FF9DD7



FF9A9A

# Triad

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



FF9DD7



C6BF66



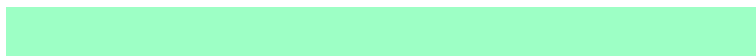
00D0F5

# Complementary

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



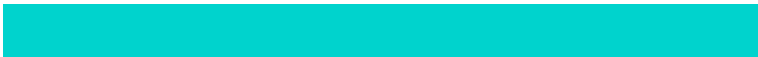
FF9DD7



9DFFC5

# 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.



00D3CD



FF9DD7



96CA7B

# Square

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



FF9DD7



ECB16A



5CD1A1



3EC8FF

# Rectangle

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



FF9DD7



FF9E90



5CD1A1



00D1E9



# Sweetspot

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



FF9DD7



FFE0F3



C49DFF



806E78



000000



808080



# Same Dimension

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



FF9DD7



FF8ACF



FF9DA7



80737A



BF0071



400026



# Inverse Universe

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



FF9DD7



FF8ACF



9DFFF5



80737A



BF0071

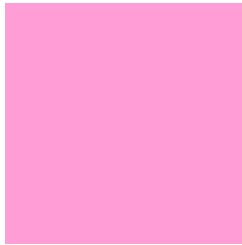


400026



# Previews

## White Background



This preview shows how the Hex color FF9DD7 looks on a white background.

## Color Contrast Check

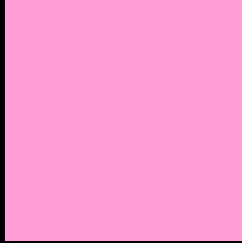
Large Text (above 18pt) WCAG AA × Fail

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 FF9DD7 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 FF9DD7 Background



This preview shows how black text looks on a background with the Hex color FF9DD7.

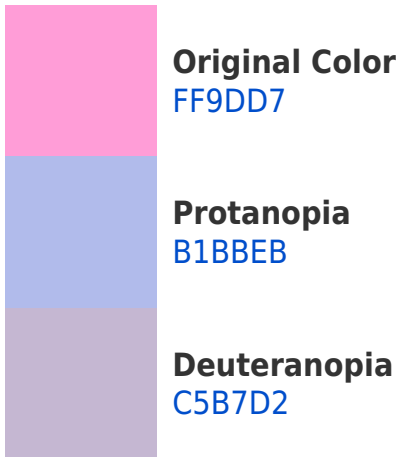


This preview shows how white text looks on a background with the Hex color FF9DD7.

# 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**  
FBA4B1

# Trichromacy



**Original Color**  
FF9DD7



**Protanomaly**  
CDB0E4



**Deuteranomaly**  
DAAED4

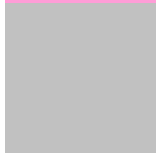


**Tritanomaly**  
FCA1BF

# Monochromacy



**Original Color**  
FF9DD7



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
D8B4C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9DD7 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 #FF9DD7 looks like.

```
.text, #text, p{  
    color:#FF9DD7  
}
```

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 #FF9DD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9DD7
}
```

## Border

The CSS property to change the border of an element to Hex FF9DD7 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
#FF9DD7 }
```

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

```
.border{ border-color:#FF9DD7 }
```

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

Here you see how a box with a 4 pixel #FF9DD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9DD7; -webkit-box-shadow:4px 4px  
4px 4px #FF9DD7; box-shadow:4px 4px 4px  
4px #FF9DD7 }
```

# Background

The CSS property to change the background color of an element to Hex FF9DD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9DD7 }
```

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

```
.background{ background-color:#FF9DD7 }
```

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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