

Converting Colors

Hex(FF9CD5)

Have a look what the booklet for
Hex(FF9CD5) contains.

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Color

Hex(F99CD5)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CD5
RGB	255, 156, 213
RGB Percent	100%, 61%, 84%
CMY	0.0000, 0.3882, 0.1647
CMYK	0.00, 0.39, 0.16, 0.00
HSL	325°, 100%, 81%
HSV	325°, 39%, 100%
XYZ	65.1387, 49.8410, 69.1379
YIQ	192.0990, 40.7070, 38.7150

Conversions

Conversions Part 2

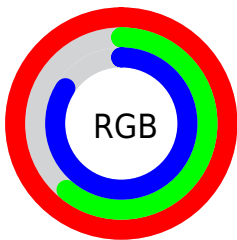
Format	Color
R _Y B	255, 156, 213
Decimal	16751829
CIE Lab	75.97, 44.40, -13.33
CIE LCh	76, 46.358, 343.288
Yxy	49.8410, 0.3538, 0.2707
Android (android.graphics.Color)	4294941909 (0xFFFF9CD5)
YUV	192.0990, 10.3042, 55.1642
Hunter-Lab	70.5982, 41.1495, -8.6449

Details

The Hex color **FF9CD5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9CFFC6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFD4FF**, and **C5669E** is the 20% darker color. If you saturate the color by 10%, you get **FF83CA**, and if you desaturate by 10%, it is **FFB6E0**.

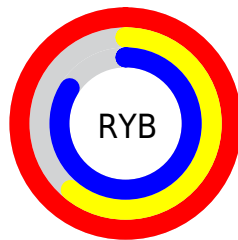
Distribution



Red (100%)

Green (61%)

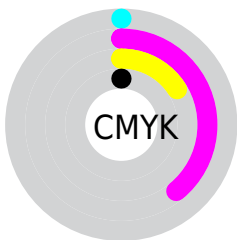
Blue (84%)



Red (100%)

Yellow (61%)

Blue (84%)

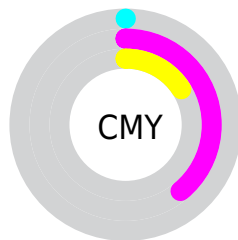


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9CD5 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 FF9CD5 by changing the saturation by 10% instead.

 FF9CD5

 FF9CD5

FFFFFF

 E281B9


 FFD4FF

 C5669E

 FFF1FF

 A84C84

 8C326B

 711653

 57003B

 3D0026

 260010

 000000

 FF9CD5

 FF9CD5

 FF83CA

 FFB6E0

 FF69BF

 FFCFEB

 FF50B5

 FFE9F5

 FF36AA

FFFFFF

 FF1D9F

 FF0394

 FF0093

Harmonies

Analogous

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



D8A9FA



FF9CD5



FF99AA

Triad

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



FF9CD5



C4BF66



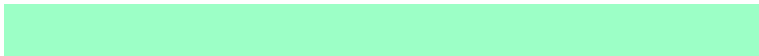
00CFF5

Complementary

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



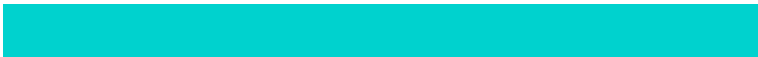
FF9CD5



9CFFC6

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.



00D2CE



FF9CD5



94CA7B

Square

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



FF9CD5



EBB069



59D0A1



40C7FF

Rectangle

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



FF9CD5



FF9E8F



59D0A1



00D0E9

Sweetspot

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



FF9CD5



FFE0F2



C59CFF



806E78



000000



808080

Same Dimension

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



FF9CD5



FF87CC



FF9CA4



80737A



BF006E



400025

Inverse Universe

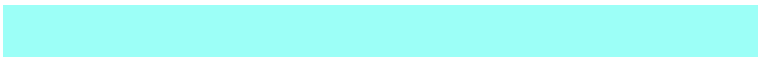
The Inverse Universe completely reimagines the original color for something new.



FF9CD5



FF87CC



9CFFF7



80737A



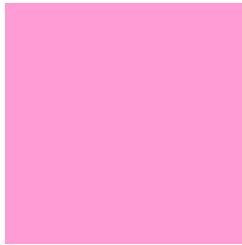
BF006E



400025

Previews

White Background



This preview shows how the Hex color FF9CD5 looks on a white background.

Color Contrast Check

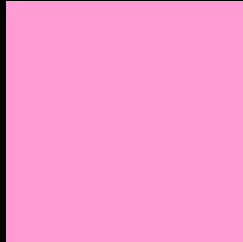
Large Text (above 18pt) WCAG AA × Fail

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 FF9CD5 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 FF9CD5 Background



This preview shows how black text looks on a background with the Hex color FF9CD5.

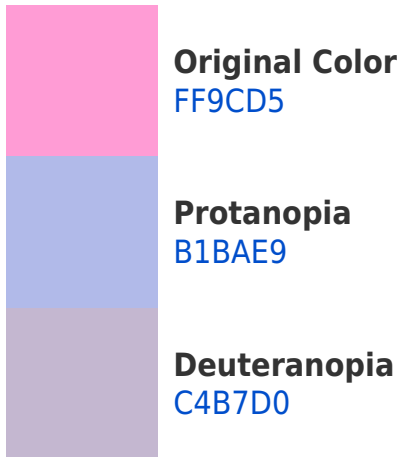


This preview shows how white text looks on a background with the Hex color FF9CD5.

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
FF9CD5



Protanomaly
CDAFE2



Deuteranomaly
D9ADD2

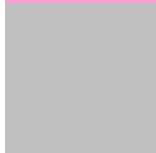


Tritanomaly
FCA0BD

Monochromacy



Original Color
FF9CD5



Achromatopsia
C0C0C0



Achromatomaly
D7B3C8

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9CD5 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 #FF9CD5 looks like.

```
.text, #text, p{  
    color:#FF9CD5  
}
```

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 #FF9CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9CD5
}
```

Border

The CSS property to change the border of an element to Hex FF9CD5 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
#FF9CD5 }
```

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

```
.border{ border-color:#FF9CD5 }
```

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

Here you see how a box with a 4 pixel #FF9CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9CD5; -webkit-box-shadow:4px 4px  
4px 4px #FF9CD5; box-shadow:4px 4px 4px  
4px #FF9CD5 }
```

Background

The CSS property to change the background color of an element to Hex FF9CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9CD5 }
```

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

```
.background{ background-color:#FF9CD5 }
```

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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