

# Converting Colors

Hex(FC9DDB)

Have a look what the booklet for  
Hex(FC9DDB) contains.

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# **Color**

**Hex(FC9DDB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FC9DDB                     |
| RGB         | 252, 157, 219              |
| RGB Percent | 99%, 62%, 86%              |
| CMY         | 0.0118, 0.3843, 0.1412     |
| CMYK        | 0.00, 0.38, 0.13, 0.01     |
| HSL         | 321°, 94%, 80%             |
| HSV         | 321°, 38%, 99%             |
| XYZ         | 64.9880, 49.9239, 73.2289  |
| YIQ         | 192.4730, 36.7180, 39.4220 |

# Conversions

## Conversions Part 2

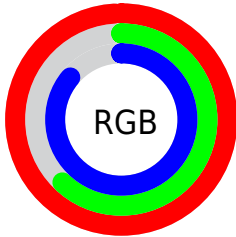
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 252, 157, 219                 |
| Decimal                             | 16555483                      |
| CIE Lab                             | 76.02, 43.84, -16.57          |
| CIE LCh                             | 76, 46.867, 339.297           |
| Yxy                                 | 49.9239, 0.3454,<br>0.2654    |
| Android<br>(android.graphics.Color) | 4294745563<br>(0xFFFC9DDB)    |
| YUV                                 | 192.4730, 13.0778,<br>52.2052 |
| Hunter-Lab                          | 70.6568, 40.5295,<br>-11.9885 |

# Details

The Hex color **FC9DDB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9DFCBE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFD5FF**, and **C268A4** is the 20% darker color. If you saturate the color by 10%, you get **FC84D2**, and if you desaturate by 10%, it is **FCB6E4**.

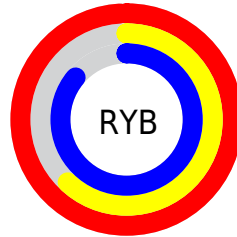
# Distribution



Red (99%)

Green (62%)

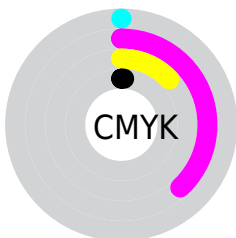
Blue (86%)



Red (99%)

Yellow (62%)

Blue (86%)

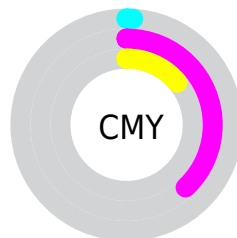


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC9DDB 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 FC9DDB by changing the saturation by 10% instead.



 FC9DDB

 FC9DDB

FFFFFF

 DF82BF

 FFD5FF

 C268A4

 FFF2FF

 A64E8A

 8A3470

 6F1858

 550040

 3C002A

 240015

 000000

 FC9DDB

 FC9DDB

 FC84D2

 FCB6E4

 FC6BC9

 FCCFED

 FC51C1

 FCE9F5

 FC38B8

 FCFFFE

 FC1FAF

 FCFFFF

 FC06A6

 FC00A4

# Harmonies

## Analogous

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



D1ABFF



FC9DDB



FF98AF

# Triad

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



FC9DDB



CABD64



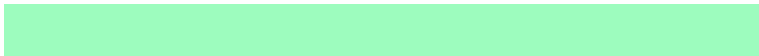
00D0F1

# Complementary

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



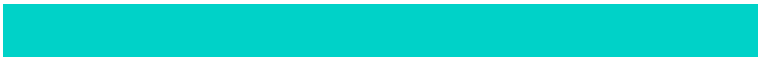
FC9DDB



9DFCBE

# 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.



00D2C8



FC9DDB



9BC977

# Square

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



FC9DDB



F0AE6B



61D09B



29C8FF

# Rectangle

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



FC9DDB



FF9C93



61D09B



00D1E4

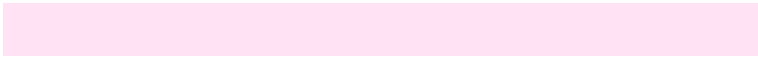


# Sweetspot

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



FC9DDB



FFE3F5



BD9DFC



806F7A



000000



808080



# Same Dimension

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



FC9DDB



FF8CD7



FC9DAD



7D7079



BD007B



3D0028



# Inverse Universe

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



FC9DDB



FF8CD7



9DFCEC



7D7079



BD007B



3D0028



# Previews

## White Background



This preview shows how the Hex color FC9DDB looks on a white background.

## Color Contrast Check

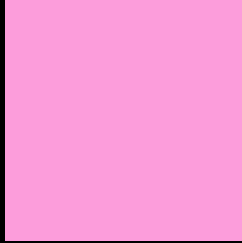
Large Text (above 18pt) WCAG AA × Fail

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 FC9DDB 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 FC9DDB Background



This preview shows how black text looks on a background with the Hex color FC9DDB.

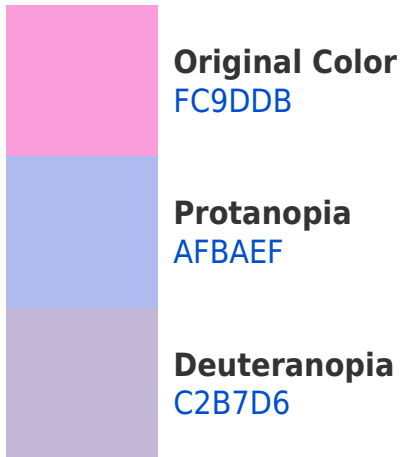


This preview shows how white text looks on a background with the Hex color FC9DDB.

# 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**  
F7A5B1

# Trichromacy



**Original Color**  
FC9DDB



**Protanomaly**  
CBAFE8



**Deuteranomaly**  
D7AED8



**Tritanomaly**  
F9A2C0

# Monochromacy



**Original Color**  
FC9DDB



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
D6B3CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC9DDB 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 #FC9DDB looks like.

```
.text, #text, p{  
    color:#FC9DDB  
}
```

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 #FC9DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9DDB
}
```

## Border

The CSS property to change the border of an element to Hex FC9DDB 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
#FC9DDB }
```

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

```
.border{ border-color:#FC9DDB }
```

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

Here you see how a box with a 4 pixel #FC9DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9DDB; -webkit-box-shadow:4px 4px  
4px 4px #FC9DDB; box-shadow:4px 4px 4px  
4px #FC9DDB }
```

# Background

The CSS property to change the background color of an element to Hex FC9DDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9DDB }
```

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

```
.background{ background-color:#FC9DDB }
```

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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