

# Converting Colors

Hex(FF97DC)

Have a look what the booklet for  
Hex(FF97DC) contains.

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# **Color**

**Hex(F97DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF97DC
RGB	255, 151, 220
RGB Percent	100%, 59%, 86%
CMY	0.0000, 0.4078, 0.1373
CMYK	0.00, 0.41, 0.14, 0.00
HSL	320°, 100%, 80%
HSV	320°, 41%, 100%
XYZ	65.2249, 48.5605, 73.6455
YIQ	189.9620, 39.8350, 43.5070

# Conversions

## Conversions Part 2

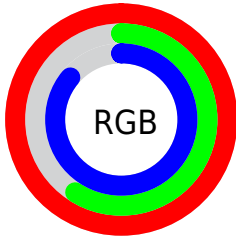
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 151, 220
Decimal	16750556
CIE <sub>Lab</sub>	75.18, 48.02, -18.36
CIE <sub>LCh</sub>	75, 51.408, 339.078
Yxy	48.5605, 0.3480, 0.2591
Android (android.graphics.Color)	4294940636 (0xFFFF97DC)
YUV	189.9620, 14.8087, 57.0383
Hunter-Lab	69.6854, 45.1249, -13.8796

# Details

The Hex color **FF97DC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **97FFBA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFCFFF**, and **C461A5** is the 20% darker color. If you saturate the color by 10%, you get **FF7ED3**, and if you desaturate by 10%, it is **FFB1E5**.

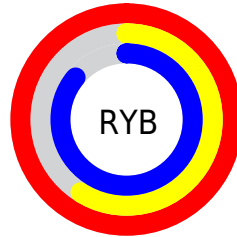
# Distribution



Red (100%)

Green (59%)

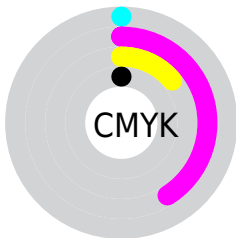
Blue (86%)



Red (100%)

Yellow (59%)

Blue (86%)

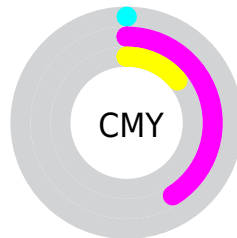


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF97DC 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 FF97DC by changing the saturation by 10% instead.



 FF97DC

 FF97DC

FFFFFF

 E17CC0


 FFCFFF

 C461A5

 FFECFF

 A8478A

 8C2C71

 710B58

 570041

 3D002B

 240016

 000000

 FF97DC

 FF97DC

 FF7ED3

 FFB1E5

 FF64CB

 FFCAED

 FF4BC2

 FFE4F6

 FF31BA

 FFFDFE

 FF18B1

 FFFFFFFF

 FF00A9

# Harmonies

## Analogous

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



D0A7FF



FF97DC



FF92AC

# Triad

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



FF97DC



C8BB58



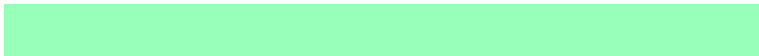
00CFF3

# Complementary

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



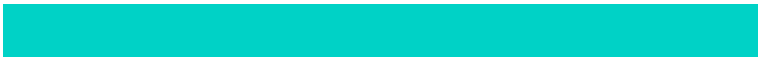
FF97DC



97FFBA

# 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.



00D2C6



FF97DC



95C86D

# Square

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



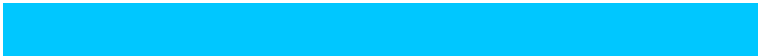
FF97DC



F1AB60



52CF96



00C7FF

# Rectangle

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



FF97DC



FF968E



52CF96



00D1E6



# Sweetspot

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



FF97DC



FFE0F5



BA97FF



806E79



000000



808080



# Same Dimension

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



FF97DC



FF82D5



FF97A8



80737B



BF007F



40002A



# Inverse Universe

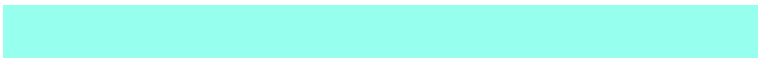
The Inverse Universe completely reimagines the original color for something new.



FF97DC



FF82D5



97FFEE



80737B



BF007F

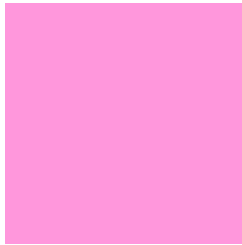


40002A



# Previews

## White Background



This preview shows how the Hex color FF97DC looks on a white background.

## Color Contrast Check

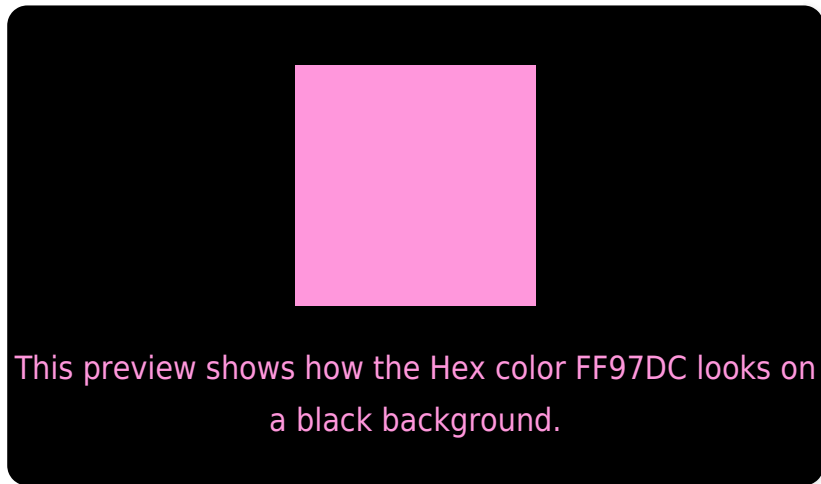
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 FF97DC Background



This preview shows how black text looks on a background with the Hex color FF97DC.

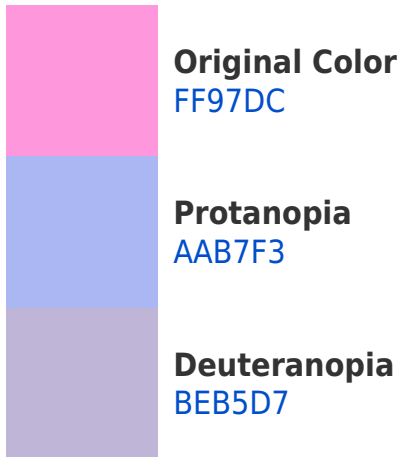


This preview shows how white text looks on a background with the Hex color FF97DC.

# 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**  
FF97DC



**Protanomaly**  
C9ABEB



**Deuteranomaly**  
D6AAD9



**Tritanomaly**  
FC9DBD

# Monochromacy



**Original Color**  
FF97DC



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
D6B0C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF97DC 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 #FF97DC looks like.

```
.text, #text, p{  
    color:#FF97DC  
}
```

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 #FF97DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF97DC
}
```

## Border

The CSS property to change the border of an element to Hex FF97DC 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
#FF97DC }
```

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

```
.border{ border-color:#FF97DC }
```

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

Here you see how a box with a 4 pixel #FF97DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF97DC; -webkit-box-shadow:4px 4px  
4px 4px #FF97DC; box-shadow:4px 4px 4px  
4px #FF97DC }
```

# Background

The CSS property to change the background color of an element to Hex FF97DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF97DC }
```

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

```
.background{ background-color:#FF97DC }
```

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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