

# Converting Colors

Hex(FF90CC)

Have a look what the booklet for  
Hex(FF90CC) contains.

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# **Color**

**Hex(F990CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF90CC
RGB	255, 144, 204
RGB Percent	100%, 56%, 80%
CMY	0.0000, 0.4353, 0.2000
CMYK	0.00, 0.44, 0.20, 0.00
HSL	328°, 100%, 78%
HSV	328°, 44%, 100%
XYZ	62.1123, 45.5662, 62.6482
YIQ	184.0290, 46.8960, 42.1920

# Conversions

## Conversions Part 2

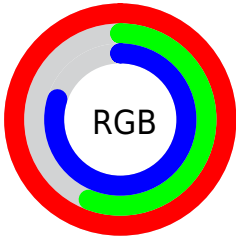
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 144, 204
Decimal	16748748
CIE <sub>Lab</sub>	73.26, 49.14, -12.44
CIE <sub>LCh</sub>	73, 50.690, 345.789
Yxy	45.5662, 0.3647, 0.2675
Android (android.graphics.Color)	4294938828 (0xFFFF90CC)
YUV	184.0290, 9.8457, 62.2416
Hunter-Lab	67.5027, 46.1163, -7.7742

# Details

The Hex color **FF90CC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90FFC3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFC8FF**, and **C45A96** is the 20% darker color. If you saturate the color by 10%, you get **FF77C0**, and if you desaturate by 10%, it is **FFAAD8**.

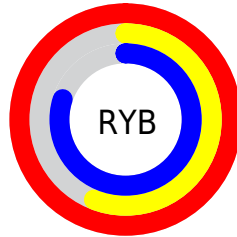
# Distribution



Red (100%)

Green (56%)

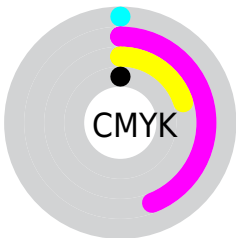
Blue (80%)



Red (100%)

Yellow (56%)

Blue (80%)

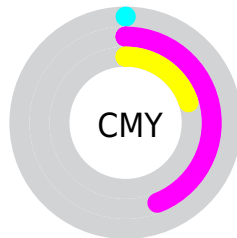


Cyan (0%)

Magenta (44%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF90CC 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 FF90CC by changing the saturation by 10% instead.



 FF90CC

 FF90CC

FFFFFF

 E175B1

 FFC8FF

 C45A96

 FFE5FF

 A83F7C

 8B2363

 70004B

 550034

 3C001F

 220003

 000000

 FF90CC

 FF90CC

 FF77C0

 FFAAD8

 FF5DB5

 FFC3E3

 FF43A9

 FFDDEF

 FF2A9D

 FFF6FB

 FF1091

FFFFFF

 FF008A

# Harmonies

## Analogous

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



D79EF5



FF90CC



FF8E9D

# Triad

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



FF90CC



B8B957



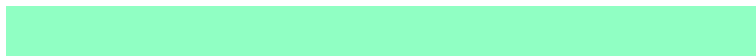
00C8F5

# Complementary

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



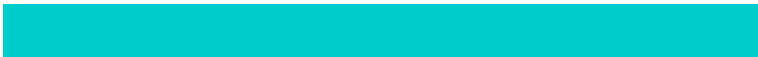
FF90CC



90FFC3

# 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.



00CCCC



FF90CC



83C471

# Square

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



FF90CC



E3AA59



38CA9C



0ABFFF

# Rectangle

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



FF90CC



FF9480



38CA9C



00CAE9



# Sweetspot

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



FF90CC



FFDEF0



C290FF



806B76



000000



808080



# Same Dimension

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



FF90CC



FF7AC2



FF9096



80737A



BF0067



400022



# Inverse Universe

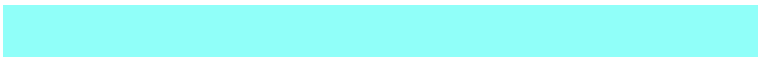
The Inverse Universe completely reimagines the original color for something new.



FF90CC



FF7AC2



90FFF9



80737A



BF0067

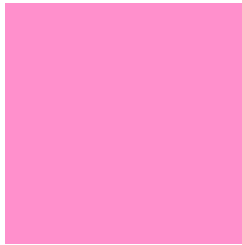


400022



# Previews

## White Background



This preview shows how the Hex color FF90CC looks on a white background.

## Color Contrast Check

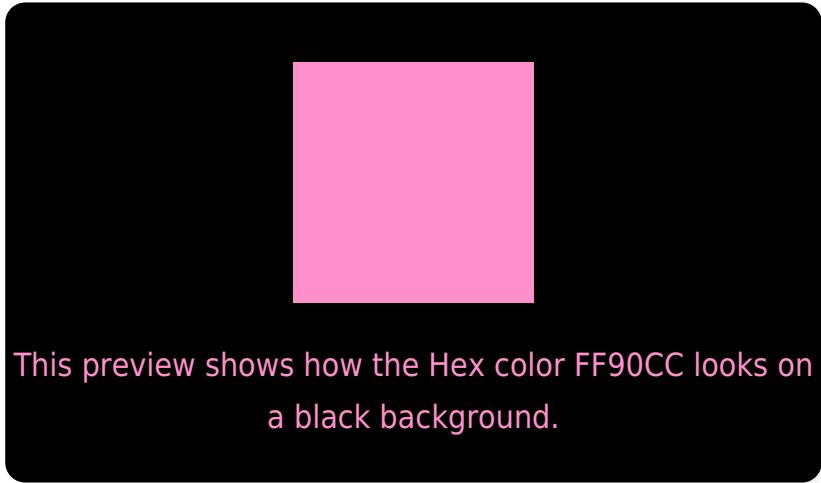
Large Text (above 18pt) WCAG AA × Fail

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 FF90CC Background



This preview shows how black text looks on a background with the Hex color FF90CC.

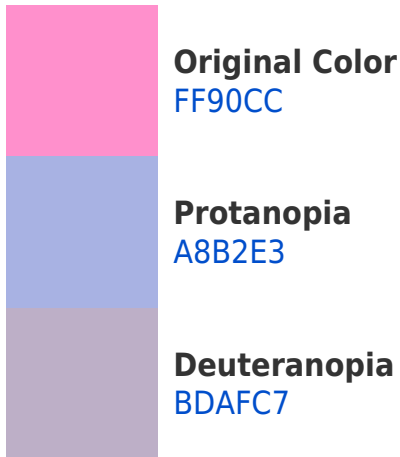


This preview shows how white text looks on a background with the Hex color FF90CC.

# 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**  
FB98A3

# Trichromacy



**Original Color**  
FF90CC



**Protanomaly**  
C8A6DB



**Deuteranomaly**  
D5A4C9



**Tritanomaly**  
FC95B2

# Monochromacy



**Original Color**  
FF90CC



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
D2A9BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF90CC 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 #FF90CC looks like.

```
.text, #text, p{  
    color:#FF90CC  
}
```

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 #FF90CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF90CC
}
```

## Border

The CSS property to change the border of an element to Hex FF90CC 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
#FF90CC }
```

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

```
.border{ border-color:#FF90CC }
```

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

Here you see how a box with a 4 pixel #FF90CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF90CC; -webkit-box-shadow:4px 4px  
4px 4px #FF90CC; box-shadow:4px 4px 4px  
4px #FF90CC }
```

# Background

The CSS property to change the background color of an element to Hex FF90CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF90CC }
```

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

```
.background{ background-color:#FF90CC }
```

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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