

# Converting Colors

Hex(FF90B7)

Have a look what the booklet for  
Hex(FF90B7) contains.

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# **Color**

**Hex(F F 9 0 B 7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF90B7
RGB	255, 144, 183
RGB Percent	100%, 56%, 72%
CMY	0.0000, 0.4353, 0.2824
CMYK	0.00, 0.44, 0.28, 0.00
HSL	339°, 100%, 78%
HSV	339°, 44%, 100%
XYZ	59.7605, 44.6254, 50.2636
YIQ	181.6350, 53.6370, 35.6610

# Conversions

## Conversions Part 2

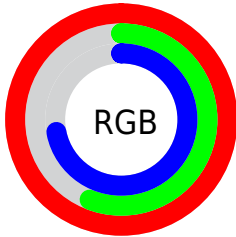
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 144, 183
Decimal	16748727
CIE Lab	72.64, 46.26, -1.74
CIE LCh	73, 46.290, 357.851
Yxy	44.6254, 0.3864, 0.2886
Android (android.graphics.Color)	4294938807 (0xFFFF90B7)
YUV	181.6350, 0.6729, 64.3411
Hunter-Lab	66.8023, 42.7800, 2.1504

# Details

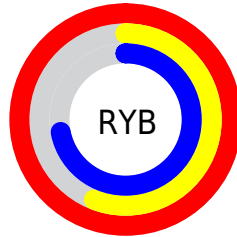
The Hex color **FF90B7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90FFD8**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC8EF**, and **C45B82** is the 20% darker color. If you saturate the color by 10%, you get **FF77A6**, and if you desaturate by 10%, it is **FFAAC8**.

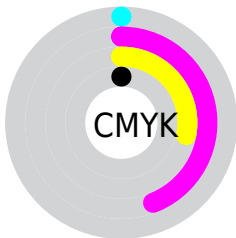
# Distribution



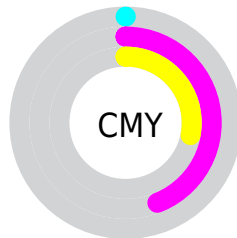
- Red (100%)
- Green (56%)
- Blue (72%)



- Red (100%)
- Yellow (56%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF90B7 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 FF90B7 by changing the saturation by 10% instead.



 FF90B7

 FF90B7

FFFFFF

 E1759C

 FFC8EF

 C45B82

 FFE4FF

 A74069

 8B2551

 6F003A

 540025

 3B000F

 1C0001

 000000

 FF90B7

 FF90B7

 FF77A6

 FFAAC8

 FF5D96

 FFC3D8

 FF4385

 FFDDE9

 FF2A75

 FFF6F9

 FF1064

FFFFFF

 FF005A

# Harmonies

## Analogous

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



E499E0



FF90B7



FF938D

# Triad

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



FF90B7



A4BC65



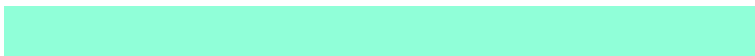
00C2F9

# Complementary

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



FF90B7



90FFD8

# 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.



00C8D8



FF90B7



71C484

# Square

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



FF90B7



CFAF5C



1EC8AE



67B7FF

# Rectangle

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



FF90B7



F89B75



1EC8AE



00C5F0



# Sweetspot

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



FF90B7



FFDEE9



D690FF



806B72



000000



808080



# Same Dimension

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



FF90B7



FF7AA9



FF9F90



807377



BF0043



400016



# Inverse Universe

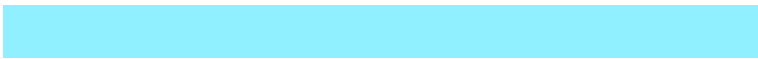
The Inverse Universe completely reimagines the original color for something new.



FF90B7



FF7AA9



90F0FF



807377



BF0043



400016



# Previews

## White Background



This preview shows how the Hex color FF90B7 looks on a white background.

## Color Contrast Check

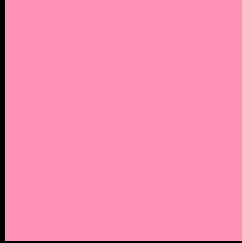
Large Text (above 18pt) WCAG AA × Fail

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 FF90B7 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 FF90B7 Background



This preview shows how black text looks on a background with the Hex color FF90B7.

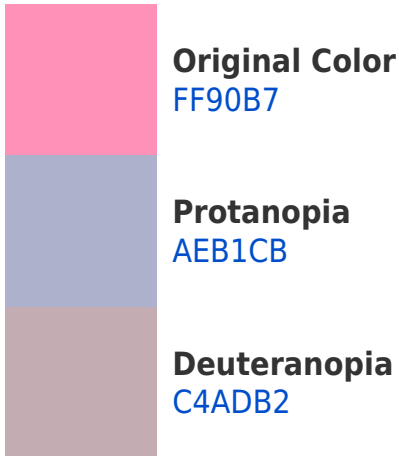


This preview shows how white text looks on a background with the Hex color FF90B7.

# 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**  
FD949F

# Trichromacy



**Original Color**  
FF90B7



**Protanomaly**  
CBA5C4



**Deuteranomaly**  
D9A2B4



**Tritanomaly**  
FE93A8

# Monochromacy



**Original Color**  
FF90B7



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
D1A8B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF90B7 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 #FF90B7 looks like.

```
.text, #text, p{  
  color:#FF90B7  
}
```

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 #FF90B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF90B7
}
```

## Border

The CSS property to change the border of an element to Hex FF90B7 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
#FF90B7 }
```

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

```
.border{ border-color:#FF90B7 }
```

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

Here you see how a box with a 4 pixel #FF90B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF90B7; -webkit-box-shadow:4px 4px  
4px 4px #FF90B7; box-shadow:4px 4px 4px  
4px #FF90B7 }
```

# Background

The CSS property to change the background color of an element to Hex FF90B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF90B7 }
```

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

```
.background{ background-color:#FF90B7 }
```

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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