

# Converting Colors

Hex(FF9ABD)

Have a look what the booklet for  
Hex(FF9ABD) contains.

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# **Color**

**Hex(F F 9 A B D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9ABD
RGB	255, 154, 189
RGB Percent	100%, 60%, 74%
CMY	0.0000, 0.3961, 0.2588
CMYK	0.00, 0.40, 0.26, 0.00
HSL	339°, 100%, 80%
HSV	339°, 40%, 100%
XYZ	61.9809, 48.0453, 54.1510
YIQ	188.1890, 48.9610, 32.2970

# Conversions

## Conversions Part 2

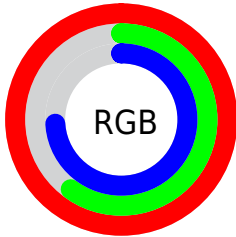
Format	Color
R <sub>Y</sub> B	255, 154, 189
Decimal	16751293
CIE Lab	74.85, 41.98, -1.81
CIE LCh	75, 42.016, 357.527
Yxy	48.0453, 0.3775, 0.2926
Android (android.graphics.Color)	4294941373 (0xFFFF9ABD)
YUV	188.1890, 0.3998, 58.5932
Hunter-Lab	69.3147, 38.3131, 2.2009

# Details

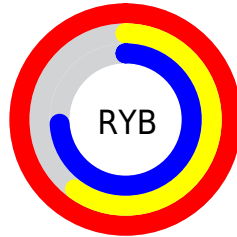
The Hex color **FF9ABD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9AFFDC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD2F5**, and **C46588** is the 20% darker color. If you saturate the color by 10%, you get **FF81AC**, and if you desaturate by 10%, it is **FFB3CE**.

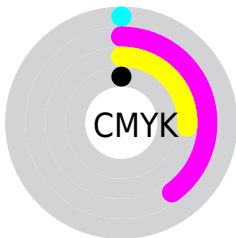
# Distribution



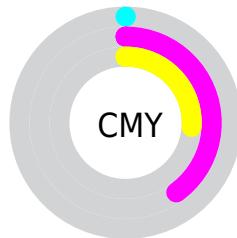
- Red (100%)
- Green (60%)
- Blue (74%)



- Red (100%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9ABD 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 FF9ABD by changing the saturation by 10% instead.



 FF9ABD

FFFFFF

 FFD2F5

 FFEFFF

 FF9ABD

 E17FA2

 C46588

 A84B6E

 8C3156

 70153F

 550029

 3C0015

 220001

 000000

 FF9ABD

 FF9ABD

 FF81AC

 FFB3CE

 FF679C

 FFCDDDE

 FF4E8B

 FFE7EF

 FF347A

FFFFFF

 FF1A6A

 FF0159

 FF0058

# Harmonies

## Analogous

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



E6A2E2



FF9ABD



FF9C96

# Triad

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



FF9ABD



ADC172



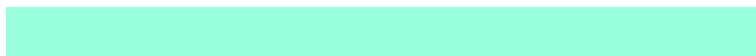
26C7F8

# Complementary

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



FF9ABD



9AFFDC

# 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.



00CCDB



FF9ABD



7FC98D

# Square

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



FF9ABD



D4B56A



47CDB4



78BDFF

# Rectangle

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



FF9ABD



FAA381



47CDB4



00C9F0



# Sweetspot

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



FF9ABD



FFE0EB



DC9AFF



806E74



000000



808080



# Same Dimension

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



FF9ABD



FF85AF



FFA99A



807377



BF0042



400016



# Inverse Universe

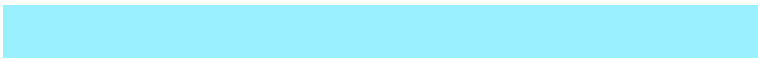
The Inverse Universe completely reimagines the original color for something new.



FF9ABD



FF85AF



9AF0FF



807377



BF0042

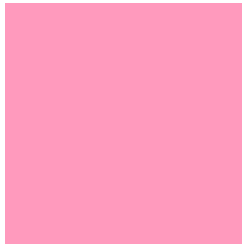


400016



# Previews

## White Background



This preview shows how the Hex color FF9ABD looks on a white background.

## Color Contrast Check

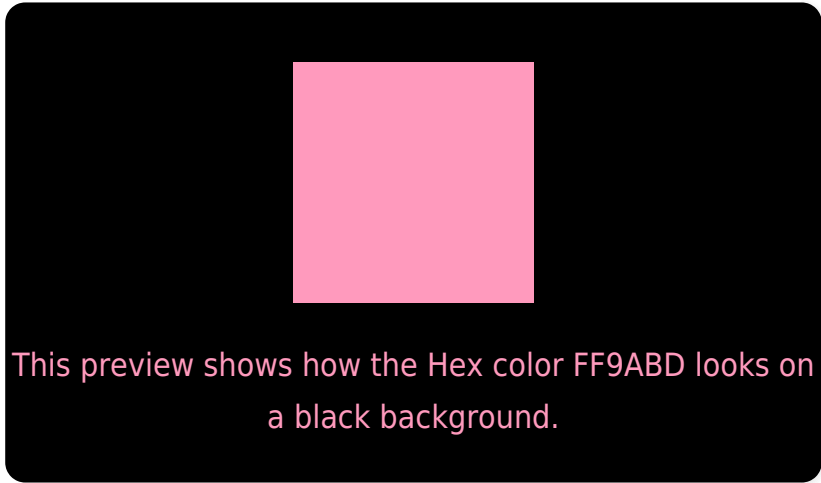
Large Text (above 18pt) WCAG AA × Fail

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 FF9ABD Background



This preview shows how black text looks on a background with the Hex color FF9ABD.

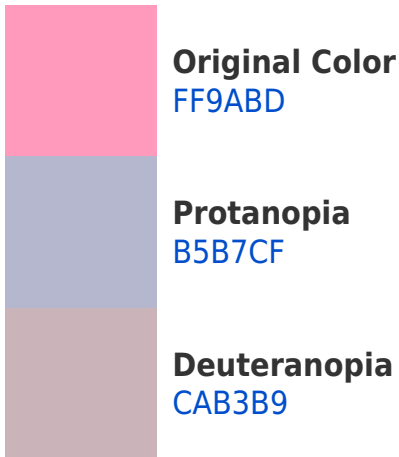


This preview shows how white text looks on a background with the Hex color FF9ABD.

# 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**  
FD9DA9

# Trichromacy



**Original Color**  
FF9ABD



**Protanomaly**  
D0ACC8



**Deuteranomaly**  
DDAABA

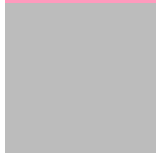


**Tritanomaly**  
FE9CB0

# Monochromacy



**Original Color**  
FF9ABD



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D4B0BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9ABD 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 #FF9ABD looks like.

```
.text, #text, p{  
    color:#FF9ABD  
}
```

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 #FF9ABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9ABD
}
```

## Border

The CSS property to change the border of an element to Hex FF9ABD 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
#FF9ABD }
```

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

```
.border{ border-color:#FF9ABD }
```

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

Here you see how a box with a 4 pixel #FF9ABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9ABD; -webkit-box-shadow:4px 4px  
4px 4px #FF9ABD; box-shadow:4px 4px 4px  
4px #FF9ABD }
```

# Background

The CSS property to change the background color of an element to Hex FF9ABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9ABD }
```

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

```
.background{ background-color:#FF9ABD }
```

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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