

# Converting Colors

Hex(FF7A9A)

Have a look what the booklet for  
Hex(FF7A9A) contains.

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# **Color**

**Hex(F7A9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A9A
RGB	255, 122, 154
RGB Percent	100%, 48%, 60%
CMY	0.0000, 0.5216, 0.3961
CMYK	0.00, 0.52, 0.40, 0.00
HSL	346°, 100%, 74%
HSV	346°, 52%, 100%
XYZ	54.0323, 37.5122, 34.9646
YIQ	165.4150, 68.9960, 38.1480

# Conversions

## Conversions Part 2

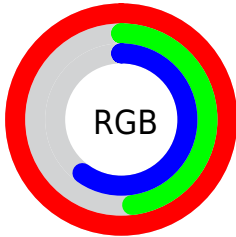
Format	Color
<a href="#">RYB</a>	<a href="#">255, 122, 154</a>
Decimal	<a href="#">16743066</a>
CIELab	<a href="#">67.66, 53.60, 7.28</a>
CIElCh	<a href="#">68, 54.089, 7.738</a>
Yxy	<a href="#">37.5122, 0.4271, 0.2965</a>
Android (android.graphics.Color)	<a href="#">4294933146</a> ( <a href="#">0xFFFF7A9A</a> )
YUV	<a href="#">165.4150, -5.6276, 78.5660</a>
Hunter-Lab	<a href="#">61.2472, 50.2902, 9.0257</a>

# Details

The Hex color **FF7A9A** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7AFFDF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB2D0**, and **C24367** is the 20% darker color. If you saturate the color by 10%, you get **FF6187**, and if you desaturate by 10%, it is **FF94AD**.

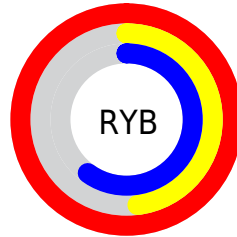
# Distribution



Red (100%)

Green (48%)

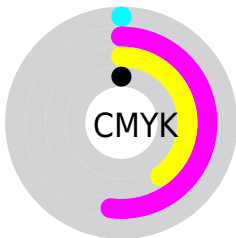
Blue (60%)



Red (100%)

Yellow (48%)

Blue (60%)

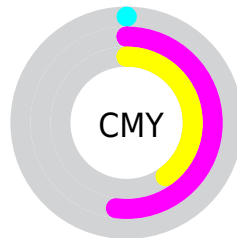


Cyan (0%)

Magenta (52%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7A9A 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 FF7A9A by changing the saturation by 10% instead.



 FF7A9A

 FF7A9A

FFFFFF

 E15F80

 FFB2D0

 C24367

 FFCEEC

 A5254F

 FFE8FF

 880039

 6B0023

 4F000E

 350002

 010000

 000000

■ FF7A9A

■ FF7A9A

■ FF6187

■ FF94AD

■ FF4773

■ FFADC1

■ FF2E60

■ FFC7D4

■ FF144D

■ FFE0E7

■ FF003D

■ FFFAFB

FFFFFF

# Harmonies

## Analogous

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



EA81CB



FF7A9A



F9836C

# Triad

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



FF7A9A



81B354



00B4FE

# Complementary

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



FF7A9A



7AFFDF

# 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.



00BBDF



FF7A9A



33BA7E

# Square

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



FF7A9A



B5A63F



00BDB0



63A6FF

# Rectangle

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



FF7A9A



E98F53



00BDB0



00B7F6



# Sweetspot

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



FF7A9A



FFD6E0



DE7AFF



80676D



000000



808080



# Same Dimension

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



FF7A9A



FF5E85



FF9B7A



807376



BF002E



40000F



# Inverse Universe

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



FF7A9A



FF5E85



7ADEFF



807376



BF002E



40000F



# Previews

## White Background



This preview shows how the Hex color FF7A9A looks on a white background.

## Color Contrast Check

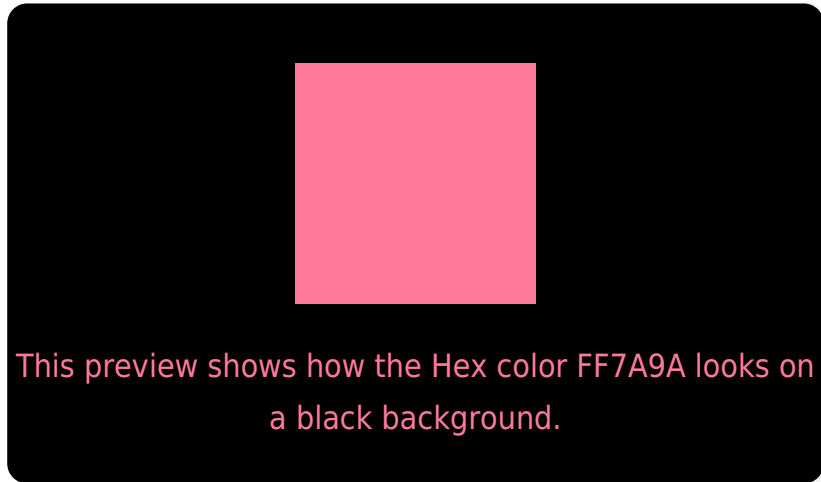
Large Text (above 18pt) WCAG AA × Fail

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 FF7A9A Background



This preview shows how black text looks on a background with the Hex color FF7A9A.



This preview shows how white text looks on a background with the Hex color FF7A9A.

# 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**  
FD7E86

# Trichromacy



**Original Color**

FF7A9A



**Protanomaly**

C595A9



**Deuteranomaly**

D49296



**Tritanomaly**

FE7D8D

# Monochromacy



**Original Color**

FF7A9A



**Achromatopsia**

A5A5A5



**Achromatomaly**

C695A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7A9A 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 #FF7A9A looks like.

```
.text, #text, p{  
    color:#FF7A9A  
}
```

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 #FF7A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7A9A
}
```

## Border

The CSS property to change the border of an element to Hex FF7A9A 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
#FF7A9A }
```

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

```
.border{ border-color:#FF7A9A }
```

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

Here you see how a box with a 4 pixel #FF7A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7A9A; -webkit-box-shadow:4px 4px  
4px 4px #FF7A9A; box-shadow:4px 4px 4px  
4px #FF7A9A }
```

# Background

The CSS property to change the background color of an element to Hex FF7A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7A9A }
```

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

```
.background{ background-color:#FF7A9A }
```

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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