

# Converting Colors

Hex(FF7B9B)

Have a look what the booklet for  
Hex(FF7B9B) contains.

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# **Color**

**Hex(F7B9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7B9B
RGB	255, 123, 155
RGB Percent	100%, 48%, 61%
CMY	0.0000, 0.5176, 0.3922
CMYK	0.00, 0.52, 0.39, 0.00
HSL	345°, 100%, 74%
HSV	345°, 52%, 100%
XYZ	54.2394, 37.7925, 35.4463
YIQ	166.1160, 68.4000, 37.9360

# Conversions

## Conversions Part 2

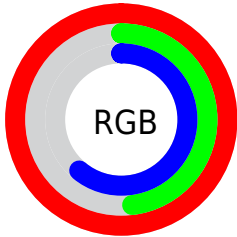
Format	Color
R <sub>Y</sub> B	255, 123, 155
Decimal	16743323
CIE Lab	67.87, 53.23, 7.02
CIE LCh	68, 53.690, 7.508
Yxy	37.7925, 0.4255, 0.2965
Android (android.graphics.Color)	4294933403 (0xFFFF7B9B)
YUV	166.1160, -5.4802, 77.9513
Hunter-Lab	61.4756, 49.9067, 8.8468

# Details

The Hex color **FF7B9B** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7BFFDF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB3D1**, and **C34468** is the 20% darker color. If you saturate the color by 10%, you get **FF6288**, and if you desaturate by 10%, it is **FF95AE**.

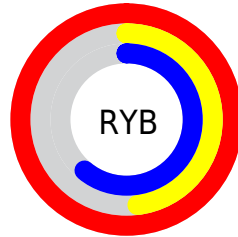
# Distribution



Red (100%)

Green (48%)

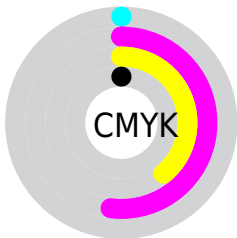
Blue (61%)



Red (100%)

Yellow (48%)

Blue (61%)

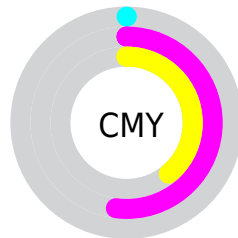


Cyan (0%)

Magenta (52%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7B9B 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 FF7B9B by changing the saturation by 10% instead.



 FF7B9B

 FF7B9B

FFFFFF

 E16081

 FFB3D1

 C34468

 FFCFEE

 A52750

 FFECFF

 880039

 6B0024

 4F000F

 350002

 020000

 000000

■ FF7B9B

■ FF7B9B

■ FF6288

■ FF95AE

■ FF4874

■ FFAEC2

■ FF2F61

■ FFC8D5

■ FF154E

■ FFE1E8

■ FF003E

■ FFFBFC

FFFFFF

# Harmonies

## Analogous

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



EA82CB



FF7B9B



F9846D

# Triad

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



FF7B9B



82B355



00B4FE

# Complementary

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



FF7B9B



7BFFDF

# 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.



00BCDF



FF7B9B



36BB7F

# Square

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



FF7B9B



B5A740



00BEB0



64A7FF

# Rectangle

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



FF7B9B



E98F54



00BEB0



00B7F6



# Sweetspot

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



FF7B9B



FFD6E0



DE7BFF



80676D



000000



808080



# Same Dimension

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



FF7B9B



FF6187



FF9C7B



807376



BF002E



40000F



# Inverse Universe

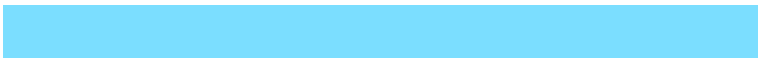
The Inverse Universe completely reimagines the original color for something new.



FF7B9B



FF6187



7BDEFF



807376



BF002E



40000F



# Previews

## White Background



This preview shows how the Hex color FF7B9B looks on a white background.

## Color Contrast Check

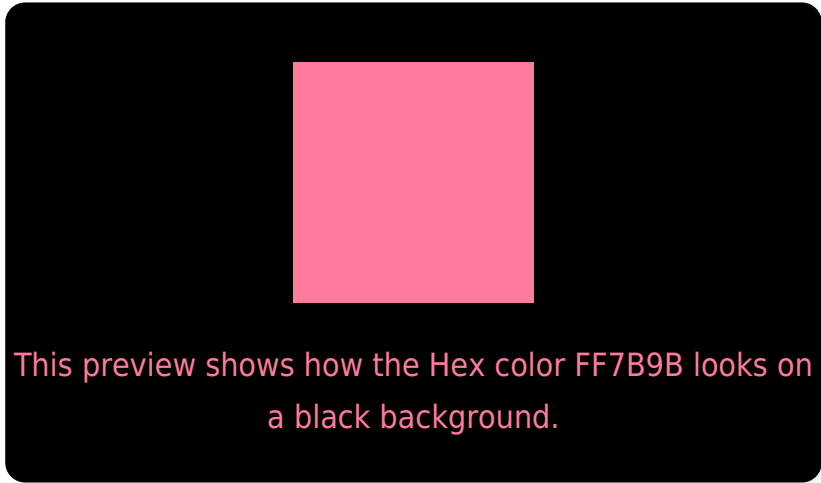
Large Text (above 18pt) WCAG AA × Fail

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 FF7B9B Background



This preview shows how black text looks on a background with the Hex color FF7B9B.

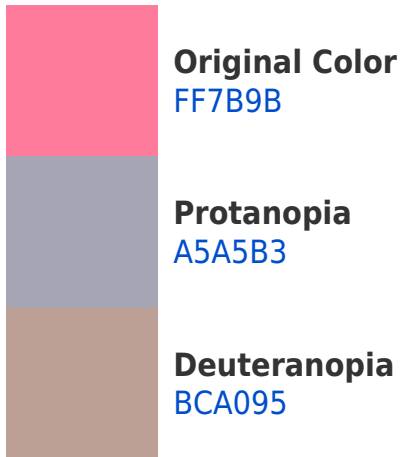


This preview shows how white text looks on a background with the Hex color FF7B9B.

# 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**  
FD7F87

# Trichromacy



**Original Color**  
FF7B9B



**Protanomaly**  
C696AA



**Deuteranomaly**  
D49397

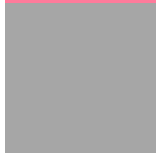


**Tritanomaly**  
FE7E8E

# Monochromacy



**Original Color**  
FF7B9B



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
C696A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7B9B 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 #FF7B9B looks like.

```
.text, #text, p{  
    color:#FF7B9B  
}
```

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 #FF7B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7B9B
}
```

## Border

The CSS property to change the border of an element to Hex FF7B9B 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
#FF7B9B }
```

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

```
.border{ border-color:#FF7B9B }
```

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

Here you see how a box with a 4 pixel #FF7B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7B9B; -webkit-box-shadow:4px 4px  
4px 4px #FF7B9B; box-shadow:4px 4px 4px  
4px #FF7B9B }
```

# Background

The CSS property to change the background color of an element to Hex FF7B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7B9B }
```

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

```
.background{ background-color:#FF7B9B }
```

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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