

# Converting Colors

Hex(FF7A8B)

Have a look what the booklet for  
Hex(FF7A8B) contains.

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# **Color**

**Hex(F7A8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A8B
RGB	255, 122, 139
RGB Percent	100%, 48%, 55%
CMY	0.0000, 0.5216, 0.4549
CMYK	0.00, 0.52, 0.45, 0.00
HSL	352°, 100%, 74%
HSV	352°, 52%, 100%
XYZ	52.8597, 37.0431, 28.7901
YIQ	163.7050, 73.8110, 33.4830

# Conversions

## Conversions Part 2

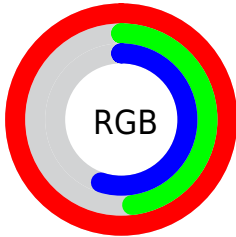
Format	Color
R <sub>Y</sub> B	255, 122, 139
Decimal	16743051
CIE Lab	67.31, 52.09, 15.27
CIE LCh	67, 54.280, 16.337
Yxy	37.0431, 0.4453, 0.3121
Android (android.graphics.Color)	4294933131 (0xFFFF7A8B)
YUV	163.7050, -12.1796, 80.0657
Hunter-Lab	60.8631, 48.5173, 14.5581

# Details

The Hex color **FF7A8B** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7AFFEE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB2C0**, and **C24359** is the 20% darker color. If you saturate the color by 10%, you get **FF6175**, and if you desaturate by 10%, it is **FF94A1**.

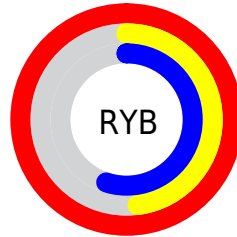
# Distribution



Red (100%)

Green (48%)

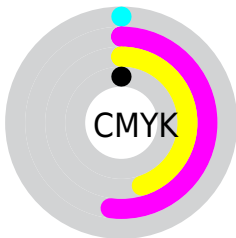
Blue (55%)



Red (100%)

Yellow (48%)

Blue (55%)

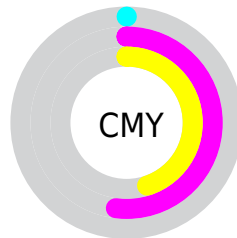


Cyan (0%)

Magenta (52%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7A8B 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 FF7A8B by changing the saturation by 10% instead.



 FF7A8B

 FF7A8B

FFFFFF

 E05F72

 FFB2C0

 C24359

 FFCEDC

 A42642

 FFEBF9

 87002C

 6A0018

 4D0000

 320002

 000000

 FF7A8B

 FF7A8B

 FF6175

 FF94A1

 FF475F

 FFADB7

 FF2E48

 FFC7CE

 FF1432

 FFE0E4

 FF0021

 FFFAFA

FFFFFF

# Harmonies

## Analogous

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



F27CBC



FF7A8B



F2875F

# Triad

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



FF7A8B



6EB55D



00B0FF

# Complementary

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



FF7A8B



7AFFEE

# 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.



00B9E9



FF7A8B



00BB8B

# Square

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



FF7A8B



A6AA40



00BCBE



80A0FF

# Rectangle

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



FF7A8B



DF9349



00BCBE



00B3FD



# Sweetspot

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



FF7A8B



FFD6DB



ED7AFF



80676A



000000



808080



# Same Dimension

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



FF7A8B



FF5E73



FFAB7A



807374



BF0018



400008



# Inverse Universe

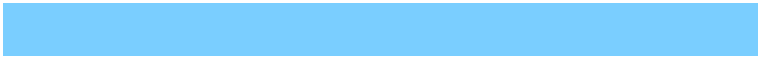
The Inverse Universe completely reimagines the original color for something new.



FF7A8B



FF5E73



7ACEFF



807374



BF0018



400008



# Previews

## White Background



This preview shows how the Hex color FF7A8B looks on a white background.

## Color Contrast Check

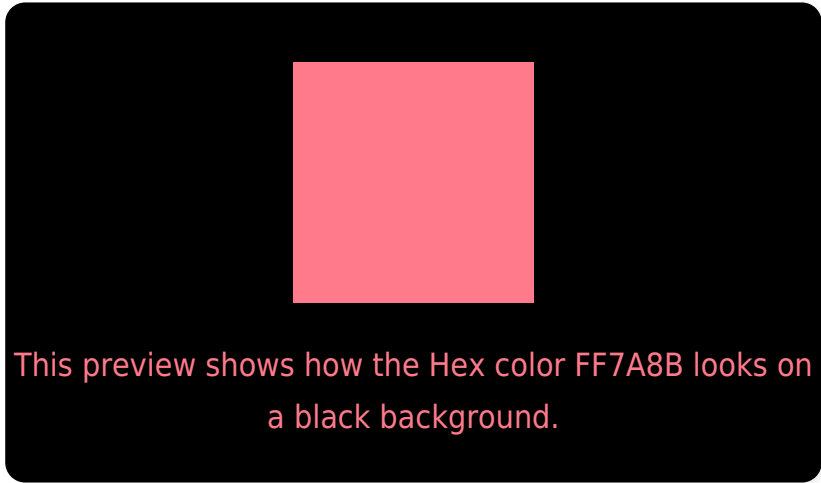
Large Text (above 18pt) WCAG AA × Fail

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 FF7A8B Background



This preview shows how black text looks on a background with the Hex color FF7A8B.

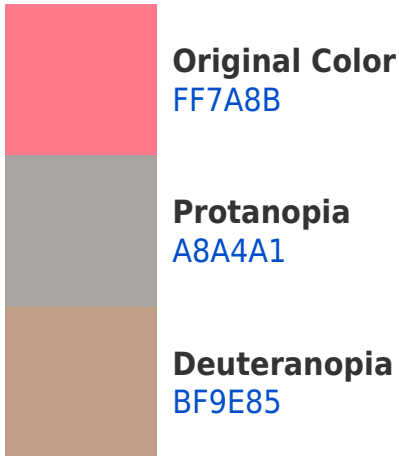


This preview shows how white text looks on a background with the Hex color FF7A8B.

# 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**  
FE7B84

# Trichromacy



**Original Color**  
FF7A8B



**Protanomaly**  
C89599



**Deuteranomaly**  
D69187



**Tritanomaly**  
FE7B87

# Monochromacy



**Original Color**  
FF7A8B



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
C5959B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7A8B 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 #FF7A8B looks like.

```
.text, #text, p{  
    color:#FF7A8B  
}
```

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 #FF7A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7A8B
}
```

## Border

The CSS property to change the border of an element to Hex FF7A8B 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
#FF7A8B }
```

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

```
.border{ border-color:#FF7A8B }
```

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

Here you see how a box with a 4 pixel #FF7A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7A8B; -webkit-box-shadow:4px 4px  
4px 4px #FF7A8B; box-shadow:4px 4px 4px  
4px #FF7A8B }
```

# Background

The CSS property to change the background color of an element to Hex FF7A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7A8B }
```

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

```
.background{ background-color:#FF7A8B }
```

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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