

# Converting Colors

Hex(FF7E91)

Have a look what the booklet for  
Hex(FF7E91) contains.

<b>Hex(FF7E91)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F7E91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7E91
RGB	255, 126, 145
RGB Percent	100%, 49%, 57%
CMY	0.0000, 0.5059, 0.4314
CMYK	0.00, 0.51, 0.43, 0.00
HSL	351°, 100%, 75%
HSV	351°, 51%, 100%
XYZ	53.8117, 38.2260, 31.3302
YIQ	166.7370, 70.7850, 33.2570

# Conversions

## Conversions Part 2

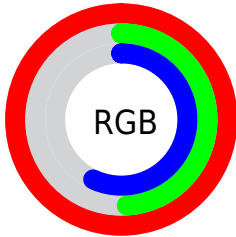
Format	Color
R <sub>Y</sub> B	255, 126, 145
Decimal	16744081
CIE Lab	68.19, 50.76, 13.11
CIE LCh	68, 52.426, 14.484
Yxy	38.2260, 0.4362, 0.3099
Android (android.graphics.Color)	4294934161 (0xFFFF7E91)
YUV	166.7370, -10.7163, 77.4067
Hunter-Lab	61.8272, 47.1609, 13.2345

# Details

The Hex color **FF7E91** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7EFFEC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB6C7**, and **C2485F** is the 20% darker color. If you saturate the color by 10%, you get **FF657B**, and if you desaturate by 10%, it is **FF98A7**.

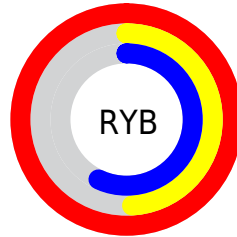
# Distribution



Red (100%)

Green (49%)

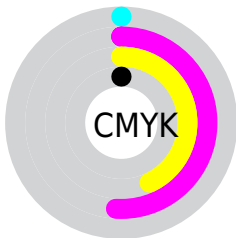
Blue (57%)



Red (100%)

Yellow (49%)

Blue (57%)

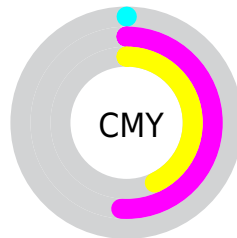


Cyan (0%)

Magenta (51%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7E91 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 FF7E91 by changing the saturation by 10% instead.



 FF7E91

 FF7E91

FFFFFF

 E06377

 FFB6C7

 C2485F

 FFD2E3

 A52C47

 FFEFFF

 870631

 6B001C

 4F0002

 340002

 000000

 FF7E91

 FF7E91

 FF657B

 FF98A7

 FF4B66

 FFB1BC

 FF3150

 FFCBD2

 FF183A

 FFE4E8

 FF0026

FFFEFE

FFFFFF

# Harmonies

## Analogous

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



F181C1



FF7E91



F48966

# Triad

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



FF7E91



76B660



00B2FF

# Complementary

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



FF7E91



7EFFEC

# 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.



00BBE7



FF7E91



1ABC8B

# Square

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



FF7E91



ABAB46



00BEBC



7FA3FF

# Rectangle

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



FF7E91



E29550



00BEBC



00B6FB



# Sweetspot

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



FF7E91



FFD9DE



EC7EFF



80696C



000000



808080



# Same Dimension

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



FF7E91



FF637A



FFAB7E



807375



BF001C



400009



# Inverse Universe

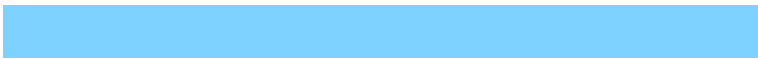
The Inverse Universe completely reimagines the original color for something new.



FF7E91



FF637A



7ED2FF



807375



BF001C

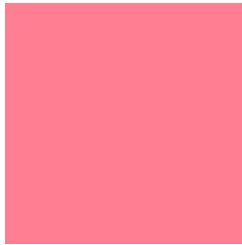


400009



# Previews

## White Background



This preview shows how the Hex color FF7E91 looks on a white background.

## Color Contrast Check

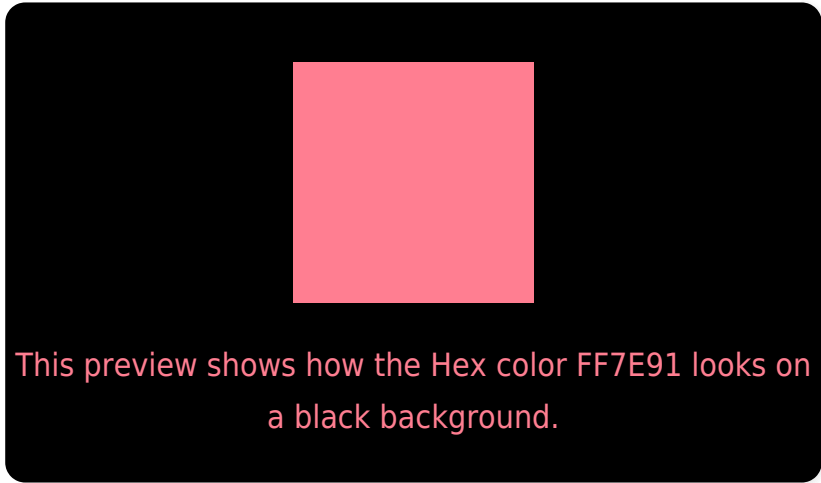
Large Text (above 18pt) WCAG AA × Fail

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 FF7E91 Background



This preview shows how black text looks on a background with the Hex color FF7E91.

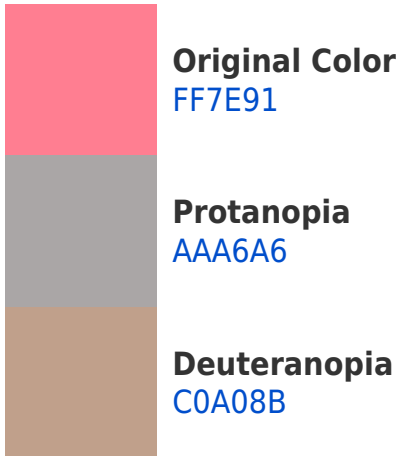


This preview shows how white text looks on a background with the Hex color FF7E91.

# 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**  
FE7F88

# Trichromacy



**Original Color**  
FF7E91



**Protanomaly**  
C9979E



**Deuteranomaly**  
D7948D



**Tritanomaly**  
FE7F8B

# Monochromacy



**Original Color**  
FF7E91



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C7989F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7E91 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 #FF7E91 looks like.

```
.text, #text, p{  
    color:#FF7E91  
}
```

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 #FF7E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7E91
}
```

## Border

The CSS property to change the border of an element to Hex FF7E91 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
#FF7E91 }
```

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

```
.border{ border-color:#FF7E91 }
```

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

Here you see how a box with a 4 pixel #FF7E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7E91; -webkit-box-shadow:4px 4px  
4px 4px #FF7E91; box-shadow:4px 4px 4px  
4px #FF7E91 }
```

# Background

The CSS property to change the background color of an element to Hex FF7E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7E91 }
```

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

```
.background{ background-color:#FF7E91 }
```

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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