

# Converting Colors

Hex(FE7581)

Have a look what the booklet for  
Hex(FE7581) contains.

<b>Hex(FE7581)</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(FE7581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7581
RGB	254, 117, 129
RGB Percent	100%, 46%, 51%
CMY	0.0039, 0.5412, 0.4941
CMYK	0.00, 0.54, 0.49, 0.00
HSL	355°, 99%, 73%
HSV	355°, 54%, 100%
XYZ	51.1968, 35.3784, 24.8992
YIQ	159.3310, 77.8000, 32.7760

# Conversions

## Conversions Part 2

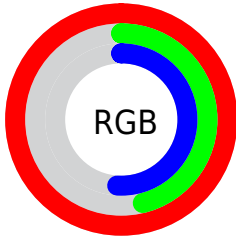
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 117, 129
Decimal	16676225
CIE <sub>Lab</sub>	66.04, 53.19, 19.15
CIE <sub>LCh</sub>	66, 56.534, 19.798
Yxy	35.3784, 0.4593, 0.3174
Android (android.graphics.Color)	4294866305 (0xFFFE7581)
YUV	159.3310, -14.9532, 83.0247
Hunter-Lab	59.4797, 49.5532, 16.8160

# Details

The Hex color **FE7581** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75FEF2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFADB6**, and **C13E50** is the 20% darker color. If you saturate the color by 10%, you get **FE5C6A**, and if you desaturate by 10%, it is **FE8E98**.

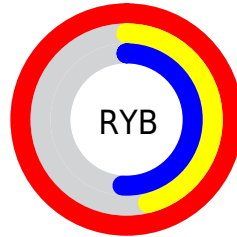
# Distribution



Red (100%)

Green (46%)

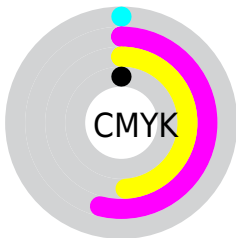
Blue (51%)



Red (100%)

Yellow (46%)

Blue (51%)

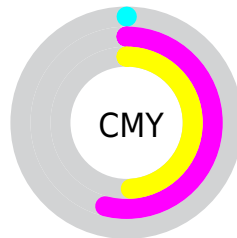


Cyan (0%)

Magenta (54%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE7581 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 FE7581 by changing the saturation by 10% instead.



 FE7581

 FE7581

FFFFFF

 DF5A68

 FFADB6

 C13E50

 FFC9D1

 A31F39

 FFE6EE

 850024

 68000F

 4B0000

 2F0002

 000000

 FE7581

 FE7581

■ FE5C6A

■ FE8E98

■ FE4253

■ FEA8AF

■ FE293B

■ FEC1C7

■ FE0F24

■ FEDBDE

■ FE0016

■ FEF4F5

FEFFFF

# Harmonies

## Analogous

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



F575B4



FE7581



EE8454

# Triad

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



FE7581



5FB35C



00ABFF

# Complementary

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



FE7581



75FEF2

# 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.



00B5ED



FE7581



00B88D

# Square

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



FE7581



9CA83A



00B9C1



849AFF

# Rectangle

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



FE7581



D8913F



00B9C1



00AFFF



# Sweetspot

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



FE7581



FFD6DA



F075FE



806769



000000



808080



# Same Dimension

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



FE7581



FF5968



FEAC75



807374



BF0011



400006



# Inverse Universe

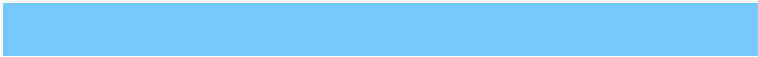
The Inverse Universe completely reimagines the original color for something new.



FE7581



FF5968



75C7FE



807374



BF0011

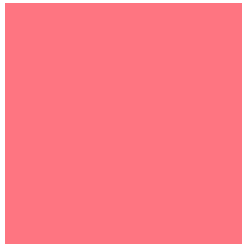


400006



# Previews

## White Background



This preview shows how the Hex color FE7581 looks on a white background.

## Color Contrast Check

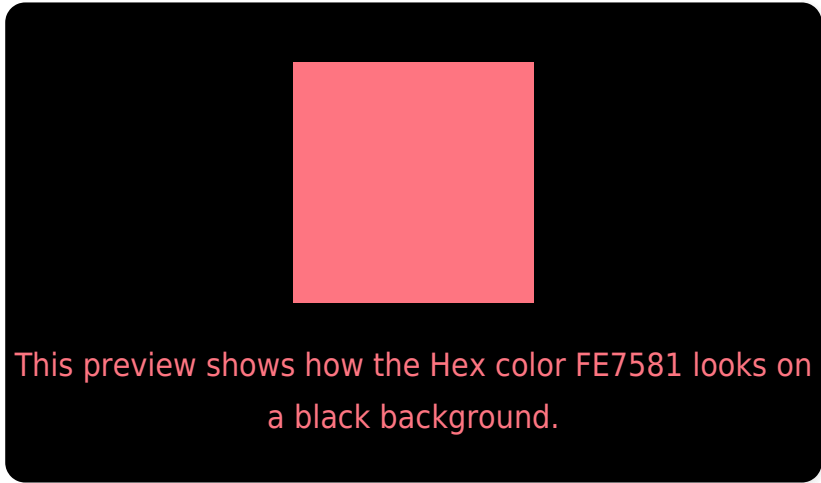
Large Text (above 18pt) WCAG AA × Fail

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 FE7581 Background



This preview shows how black text looks on a background with the Hex color FE7581.

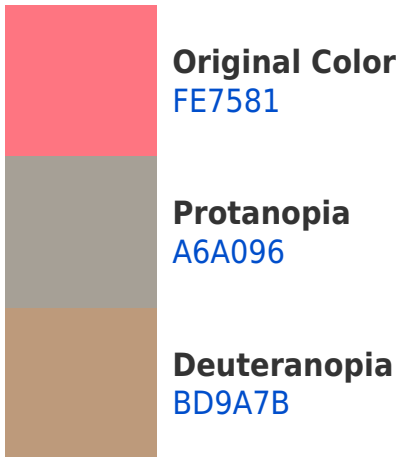


This preview shows how white text looks on a background with the Hex color FE7581.

# 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**  
FE767E

# Trichromacy



**Original Color**  
FE7581



**Protanomaly**  
C6908E



**Deuteranomaly**  
D58D7D



**Tritanomaly**  
FE767F

# Monochromacy



**Original Color**  
FE7581



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
C29094

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE7581 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 #FE7581 looks like.

```
.text, #text, p{  
    color:#FE7581  
}
```

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 #FE7581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7581
}
```

## Border

The CSS property to change the border of an element to Hex FE7581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

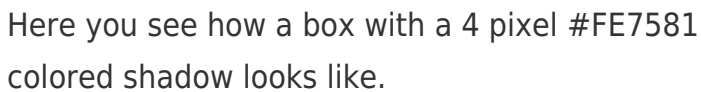
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE7581 }
```

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

```
.border{ border-color:#FE7581 }
```

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



Here you see how a box with a 4 pixel `#FE7581` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7581; -webkit-box-shadow:4px 4px  
4px 4px #FE7581; box-shadow:4px 4px 4px  
4px #FE7581 }
```

# Background

The CSS property to change the background color of an element to Hex FE7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7581 }
```

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

```
.background{ background-color:#FE7581 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor