

# Converting Colors

Hex(FE7981)

Have a look what the booklet for  
Hex(FE7981) contains.

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# **Color**

**Hex(FE7981)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FE7981                     |
| RGB         | 254, 121, 129              |
| RGB Percent | 100%, 47%, 51%             |
| CMY         | 0.0039, 0.5255, 0.4941     |
| CMYK        | 0.00, 0.52, 0.49, 0.00     |
| HSL         | 356°, 99%, 74%             |
| HSV         | 356°, 52%, 100%            |
| XYZ         | 51.6729, 36.3306, 25.0579  |
| YIQ         | 161.6790, 76.7000, 30.6840 |

# Conversions

## Conversions Part 2

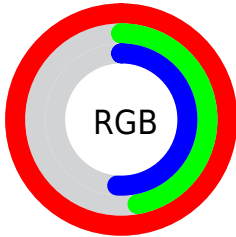
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">254, 121, 129</a>                   |
| Decimal                             | <a href="#">16677249</a>                        |
| CIELab                              | <a href="#">66.77, 51.30, 20.15</a>             |
| CIElCh                              | <a href="#">67, 55.119, 21.440</a>              |
| Yxy                                 | <a href="#">36.3306, 0.4570,<br/>0.3213</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294867329<br/>(0xFFFE7981)</a>     |
| YUV                                 | <a href="#">161.6790, -16.1107,<br/>80.9655</a> |
| Hunter-Lab                          | <a href="#">60.2748, 47.5449,<br/>17.5439</a>   |

# Details

The Hex color **FE7981** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79FEF6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB0B6**, and **C14350** is the 20% darker color. If you saturate the color by 10%, you get **FE6069**, and if you desaturate by 10%, it is **FE9299**.

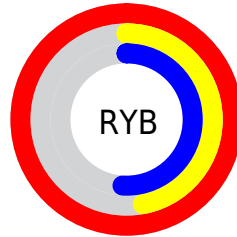
# Distribution



Red (100%)

Green (47%)

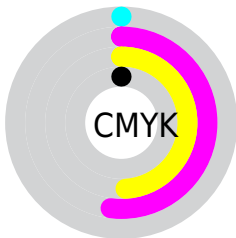
Blue (51%)



Red (100%)

Yellow (47%)

Blue (51%)

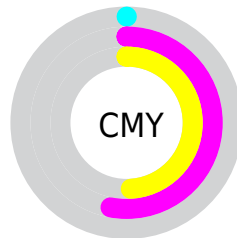


Cyan (0%)

Magenta (52%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE7981 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 FE7981 by changing the saturation by 10% instead.



 FE7981

 FE7981

FFFFFF

 DF5E68

 FFB0B6

 C14350

 FFCDD1

 A32639

 FFEAEE

 850024

 68000F

 4B0000

 300002

 000000

 FE7981

 FE7981

 FE6069

 FE9299

 FE4651

 FEACB1

 FE2D39

 FEC5C9

 FE1322

 FEDFE0

 FE000F

 FEF8F8

FEFFFF

# Harmonies

## Analogous

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



F678B3



FE7981



ED8856

# Triad

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



FE7981



5FB562



00ACFF

# Complementary

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



FE7981



79FEF6

# 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.



00B7EF



FE7981



00BA92

# Square

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



FE7981



9BAB40



00BBC5



8D9BFF

# Rectangle

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



FE7981



D89542



00BBC5



00B0FF



# Sweetspot

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



FE7981



FFD6D9



F579FE



806769



000000



808080



# Same Dimension

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



FE7981



FF5E68



FEB379



807374



BF000C



400004



# Inverse Universe

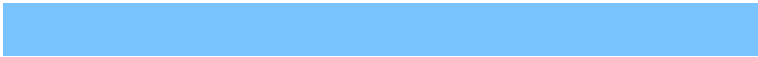
The Inverse Universe completely reimagines the original color for something new.



FE7981



FF5E68



79C4FE



807374



BF000C



400004



# Previews

## White Background



This preview shows how the Hex color FE7981 looks on a white background.

## Color Contrast Check

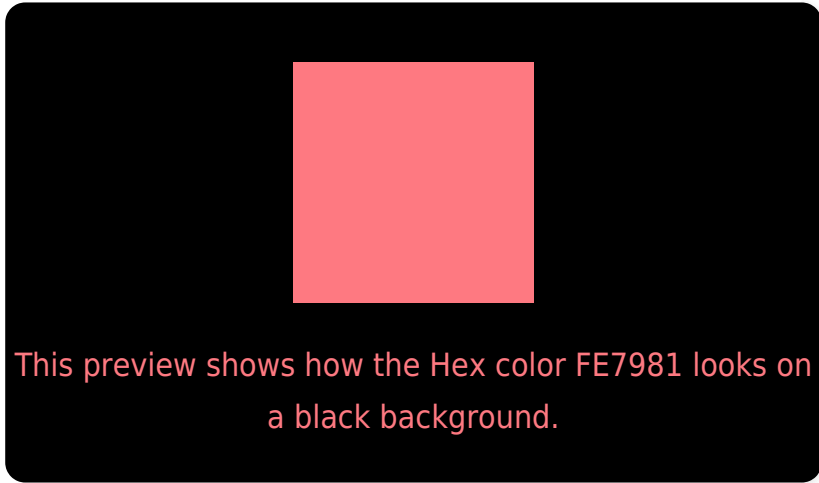
Large Text (above 18pt) WCAG AA × Fail

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 FE7981 Background



This preview shows how black text looks on a background with the Hex color FE7981.



This preview shows how white text looks on a background with the Hex color FE7981.

# 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**  
FE7981

# Trichromacy



**Original Color**  
FE7981



**Protanomaly**  
C8938E



**Deuteranomaly**  
D78F7D



**Tritanomaly**  
FE7981

# Monochromacy



**Original Color**  
FE7981



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
C39396

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE7981 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 #FE7981 looks like.

```
.text, #text, p{  
    color:#FE7981  
}
```

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 #FE7981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7981
}
```

## Border

The CSS property to change the border of an element to Hex FE7981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

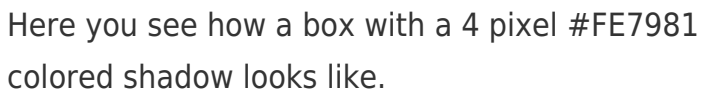
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE7981 }
```

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

```
.border{ border-color:#FE7981 }
```

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



Here you see how a box with a 4 pixel `#FE7981` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7981; -webkit-box-shadow:4px 4px  
4px 4px #FE7981; box-shadow:4px 4px 4px  
4px #FE7981 }
```

# Background

The CSS property to change the background color of an element to Hex FE7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7981 }
```

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

```
.background{ background-color:#FE7981 }
```

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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