

# Converting Colors

Hex(FF5E7A)

Have a look what the booklet for  
Hex(FF5E7A) contains.

<b>Hex(FF5E7A)</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(F5E7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5E7A
RGB	255, 94, 122
RGB Percent	100%, 37%, 48%
CMY	0.0000, 0.6314, 0.5216
CMYK	0.00, 0.63, 0.52, 0.00
HSL	350°, 100%, 68%
HSV	350°, 63%, 100%
XYZ	48.7556, 30.6705, 21.7627
YIQ	145.3310, 86.9680, 42.8400

# Conversions

## Conversions Part 2

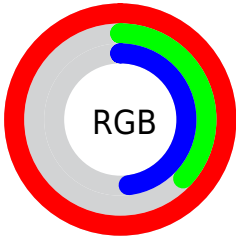
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 94, 122
Decimal	16735866
CIE Lab	62.23, 63.06, 17.94
CIE LCh	62, 65.561, 15.882
Yxy	30.6705, 0.4818, 0.3031
Android (android.graphics.Color)	4294925946 (0xFFFF5E7A)
YUV	145.3310, -11.5022, 96.1797
Hunter-Lab	55.3810, 60.2286, 15.4679

# Details

The Hex color **FF5E7A** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **5EFFE3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF97AE**, and **C11D4A** is the 20% darker color. If you saturate the color by 10%, you get **FF4565**, and if you desaturate by 10%, it is **FF788F**.

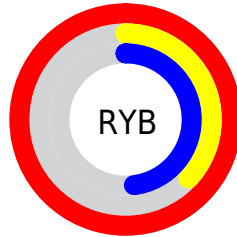
# Distribution



Red (100%)

Green (37%)

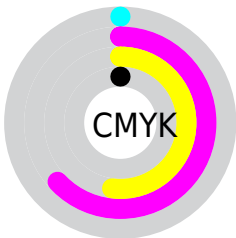
Blue (48%)



Red (100%)

Yellow (37%)

Blue (48%)

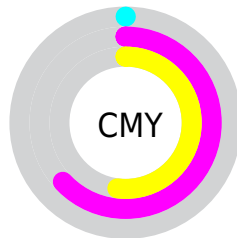


Cyan (0%)

Magenta (63%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5E7A 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 FF5E7A by changing the saturation by 10% instead.



 FF5E7A

 FF5E7A

FFFFFF

 E04061

 FF97AE

 C11D4A

 FFB4CA

 A20033

 FFD1E6


 84001F

 FFEFFF

 660007

 490002

 2A0001

 000000

 FF5E7A

 FF5E7A

 FF4565

 FF788F

 FF2B50

 FF91A4

 FF123B

 FFABB9

 FF002C

 FFC4CE

 FFDEE3

 FFF7F8

FFFFFF

# Harmonies

## Analogous

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



F161B4



FF5E7A



EF7144

# Triad

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



FF5E7A



51AA3F



00A5FF

# Complementary

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



FF5E7A



5EFFE3

# 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.



00AFE9



FF5E7A



00B078

# Square

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



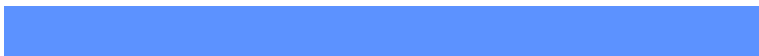
FF5E7A



969D0E



00B2B5



5C92FF

# Rectangle

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



FF5E7A



D88225



00B2B5



00A9FF



# Sweetspot

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



FF5E7A



FFCFD7



E15EFF



806267



000000



808080



# Same Dimension

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



FF5E7A



FF3D5F



FF915E



807375



BF0021



40000B



# Inverse Universe

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



FF5E7A



FF3D5F



5ECCFF



807375



BF0021



40000B



# Previews

## White Background



This preview shows how the Hex color FF5E7A looks on a white background.

## Color Contrast Check

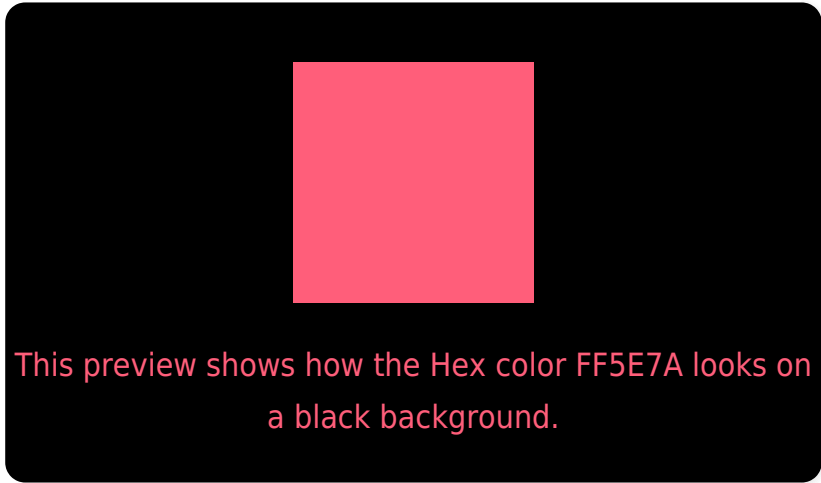
Large Text (above 18pt) WCAG AA × Fail

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 FF5E7A Background



This preview shows how black text looks on a background with the Hex color FF5E7A.

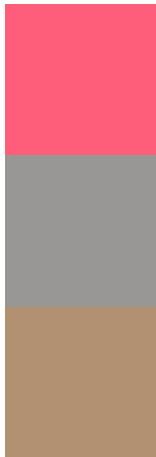


This preview shows how white text looks on a background with the Hex color FF5E7A.

# 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



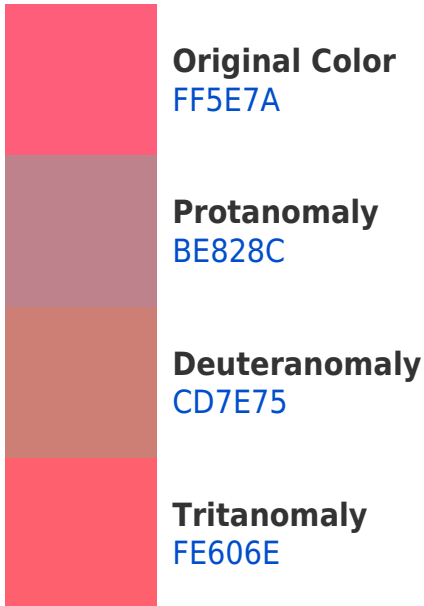
**Original Color**  
FF5E7A

**Protanopia**  
999696

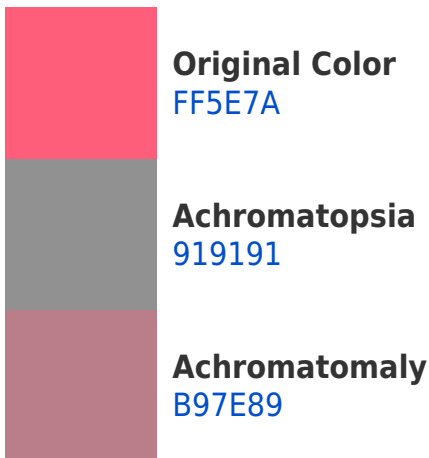
**Deuteranopia**  
B19172



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5E7A 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 #FF5E7A looks like.

```
.text, #text, p{  
    color:#FF5E7A  
}
```

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 #FF5E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5E7A
}
```

## Border

The CSS property to change the border of an element to Hex FF5E7A 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
#FF5E7A }
```

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

```
.border{ border-color:#FF5E7A }
```

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

Here you see how a box with a 4 pixel #FF5E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5E7A; -webkit-box-shadow:4px 4px  
4px 4px #FF5E7A; box-shadow:4px 4px 4px  
4px #FF5E7A }
```

# Background

The CSS property to change the background color of an element to Hex FF5E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5E7A }
```

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

```
.background{ background-color:#FF5E7A }
```

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