

# Converting Colors

Hex(FF7574)

Have a look what the booklet for  
Hex(FF7574) contains.

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# **Color**

**Hex(F77574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7574
RGB	255, 117, 116
RGB Percent	100%, 46%, 45%
CMY	0.0000, 0.5412, 0.5451
CMYK	0.00, 0.54, 0.55, 0.00
HSL	0°, 100%, 73%
HSV	0°, 55%, 100%
XYZ	50.7537, 35.2435, 20.6507
YIQ	158.1480, 82.5690, 28.9450

# Conversions

## Conversions Part 2

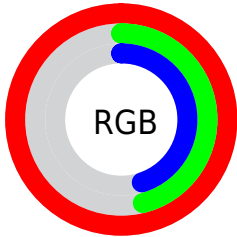
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 117, 116
Decimal	16741748
CIE Lab	65.94, 52.46, 26.36
CIE LCh	66, 58.716, 26.679
Yxy	35.2435, 0.4759, 0.3305
Android (android.graphics.Color)	4294931828 (0xFFFF7574)
YUV	158.1480, -20.7790, 84.9392
Hunter-Lab	59.3663, 48.7131, 20.9322

# Details

The Hex color **FF7574** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74FEFF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFACA8**, and **C13E44** is the 20% darker color. If you saturate the color by 10%, you get **FF5C5A**, and if you desaturate by 10%, it is **FF8E8E**.

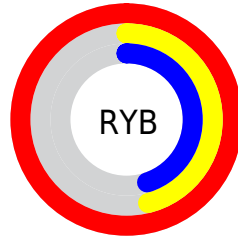
# Distribution



Red (100%)

Green (46%)

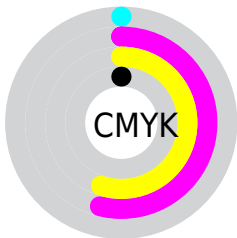
Blue (45%)



Red (100%)

Yellow (46%)

Blue (45%)

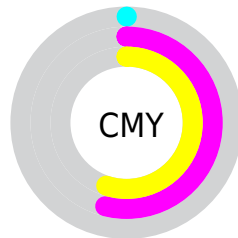


Cyan (0%)

Magenta (54%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7574 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 FF7574 by changing the saturation by 10% instead.



 FF7574

 FF7574

FFFFFF

 E05A5B

 FFACA8

 C13E44

 FFC9C3

 A3202E

 FFE6DF

 850019

FFFFFFC

 670000

 4A0000

 2E0002

 000000

 FF7574

 FF7574

 FF5C5A

 FF8E8E

 FF4241

 FFA8A7

 FF2927

 FFC1C1

 FF100E

 FFDADA

 FF0200

 FFF4F3

FFFFFF

# Harmonies

## Analogous

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



FC71A8



FF7574



E98748

# Triad

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



FF7574



47B564



00A8FF

# Complementary

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



FF7574



74FEFF

# 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.



00B4F7



FF7574



00B998

# Square

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



FF7574



8EAB3B



00B9CE



9895FF

# Rectangle

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



FF7574



D09534



00B9CE



00ADFF



# Sweetspot

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



FF7574



FFD6D6



FF74FF



806767



000000



808080



# Same Dimension

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



FF7574



FF5A59



FFBA74



807373



BF0100



400000



# Inverse Universe

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



74FEFF



59FEFF



74BAFF



737F80



00BEBF

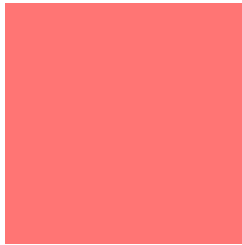


003F40



# Previews

## White Background



This preview shows how the Hex color FF7574 looks on a white background.

## Color Contrast Check

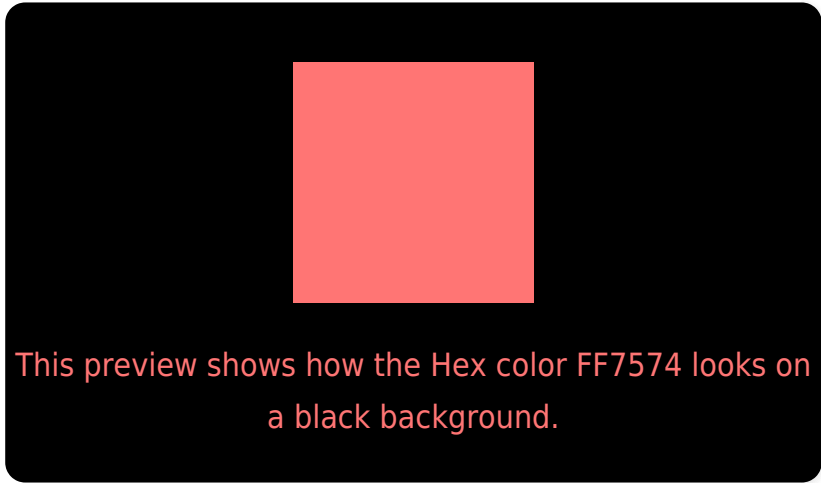
Large Text (above 18pt) WCAG AA × Fail

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 FF7574 Background



This preview shows how black text looks on a background with the Hex color FF7574.

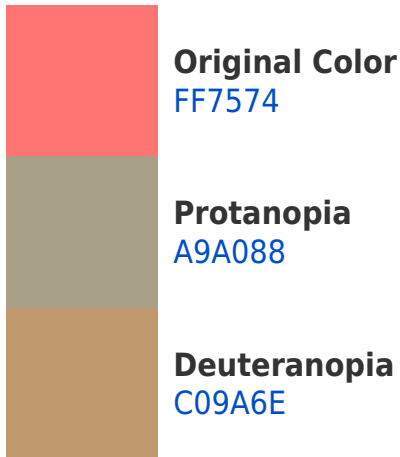


This preview shows how white text looks on a background with the Hex color FF7574.

# 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**  
FF747C

# Trichromacy



**Original Color**  
FF7574



**Protanomaly**  
C89081



**Deuteranomaly**  
D78D70

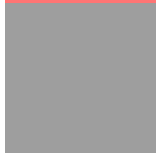


**Tritanomaly**  
FF7479

# Monochromacy



**Original Color**  
FF7574



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
C18F8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7574 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 #FF7574 looks like.

```
.text, #text, p{  
    color:#FF7574  
}
```

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 #FF7574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7574
}
```

## Border

The CSS property to change the border of an element to Hex FF7574 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
#FF7574 }
```

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

```
.border{ border-color:#FF7574 }
```

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

Here you see how a box with a 4 pixel #FF7574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7574; -webkit-box-shadow:4px 4px  
4px 4px #FF7574; box-shadow:4px 4px 4px  
4px #FF7574 }
```

# Background

The CSS property to change the background color of an element to Hex FF7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7574 }
```

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

```
.background{ background-color:#FF7574 }
```

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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