

# Converting Colors

Hex(FF6F5F)

Have a look what the booklet for  
Hex(FF6F5F) contains.

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# **Color**

**Hex(F6F5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6F5F
RGB	255, 111, 95
RGB Percent	100%, 44%, 37%
CMY	0.0000, 0.5647, 0.6275
CMYK	0.00, 0.56, 0.63, 0.00
HSL	6°, 100%, 69%
HSV	6°, 63%, 100%
XYZ	48.9900, 33.4551, 14.7019
YIQ	152.2320, 90.9600, 25.5520

# Conversions

## Conversions Part 2

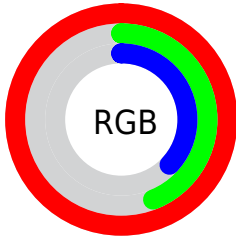
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 113, 95
Decimal	16740191
CIE <sub>Lab</sub>	64.53, 53.79, 36.24
CIE <sub>LCh</sub>	65, 64.856, 33.967
Yxy	33.4551, 0.5043, 0.3444
Android (android.graphics.Color)	4294930271 (0xFFFF6F5F)
YUV	152.2320, -28.2154, 90.1275
Hunter-Lab	57.8404, 49.9663, 25.4179

# Details

The Hex color **FF6F5F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5FEFFF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA792**, and **C03730** is the 20% darker color. If you saturate the color by 10%, you get **FF5845**, and if you desaturate by 10%, it is **FF8679**.

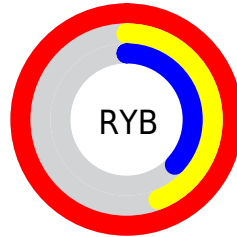
# Distribution



Red (100%)

Green (44%)

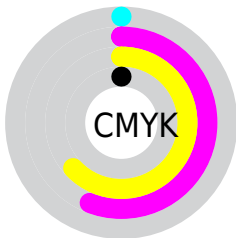
Blue (37%)



Red (100%)

Yellow (44%)

Blue (37%)

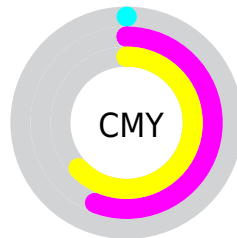


Cyan (0%)

Magenta (56%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6F5F 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 FF6F5F by changing the saturation by 10% instead.



 FF6F5F

 FF6F5F

FFFFFF

 DF5447

 FFA792

 C03730

 FFC3AD

 A1161A

 FFE0C8

 830003

 FFFDE4

 650000

 470001

 2B0001

 000000

 FF6F5F

 FF6F5F

■ FF5845

■ FF8679

■ FF412C

■ FF9D92

■ FF2A12

■ FFB4AC

■ FF1900

■ FFCBC5

■ FFE2DF

■ FFF9F8

FFFFFF

# Harmonies

## Analogous

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



FF6497



FF6F5F



E18630

# Triad

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



FF6F5F



00B467



00A1FF

# Complementary

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



FF6F5F



5FEFFF

# 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.



00B0FF



FF6F5F



00B8A3

# Square

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



FF6F5F



77AB33



00B7DC



A78AFD

# Rectangle

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



FF6F5F



C49619



00B7DC



00A7FF



# Sweetspot

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



FF6F5F



FFD3CF



FF5FEF



806562



000000



808080



# Same Dimension

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



FF6F5F



FF5340



FFBF5F



807473



BF1300



400600

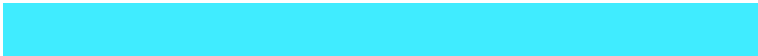


# Inverse Universe

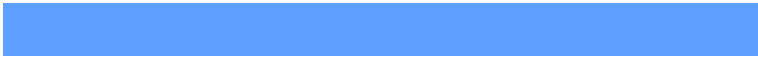
The Inverse Universe completely reimagines the original color for something new.



5FEFFF



40ECFF



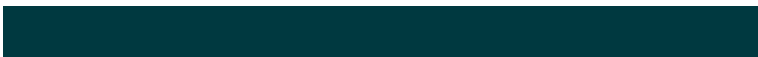
5F9FFF



737E80



00ACBF



003940



# Previews

## White Background



This preview shows how the Hex color FF6F5F looks on a white background.

## Color Contrast Check

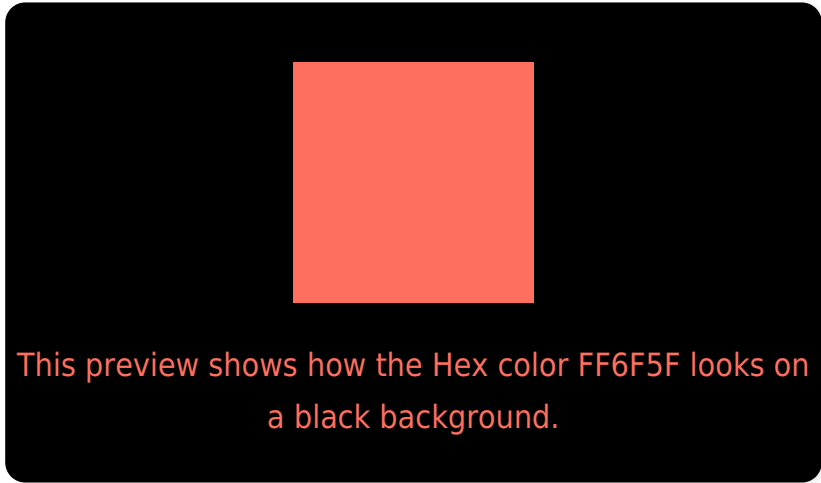
Large Text (above 18pt) WCAG AA × Fail

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 FF6F5F Background



This preview shows how black text looks on a background with the Hex color FF6F5F.



This preview shows how white text looks on a background with the Hex color FF6F5F.

# 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**  
FF6F5F

**Protanopia**  
A99D71

**Deuteranopia**  
BF9658



**Tritanopia**  
FF6D74

# Trichromacy



**Original Color**  
FF6F5F

**Protanomaly**  
C88C6A

**Deuteranomaly**  
D6885B

**Tritanomaly**  
FF6E6C

# Monochromacy



**Original Color**  
FF6F5F

**Achromatopsia**  
989898

**Achromatomaly**  
BD8983

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6F5F 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 #FF6F5F looks like.

```
.text, #text, p{  
    color:#FF6F5F  
}
```

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 #FF6F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F5F
}
```

## Border

The CSS property to change the border of an element to Hex FF6F5F 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
#FF6F5F }
```

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

```
.border{ border-color:#FF6F5F }
```

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

Here you see how a box with a 4 pixel #FF6F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F5F; -webkit-box-shadow:4px 4px  
4px 4px #FF6F5F; box-shadow:4px 4px 4px  
4px #FF6F5F }
```

# Background

The CSS property to change the background color of an element to Hex FF6F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F5F }
```

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

```
.background{ background-color:#FF6F5F }
```

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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