

Converting Colors

Hex(FF6F59)

Have a look what the booklet for
Hex(FF6F59) contains.

Hex(FF6F59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F66F59)

Conversions

Conversions Part 1

Format	Color
Hex	FF6F59
RGB	255, 111, 89
RGB Percent	100%, 44%, 35%
CMY	0.0000, 0.5647, 0.6510
CMYK	0.00, 0.56, 0.65, 0.00
HSL	8°, 100%, 67%
HSV	8°, 65%, 100%
XYZ	48.7276, 33.3501, 13.3202
YIQ	151.5480, 92.8860, 23.6860

Conversions

Conversions Part 2

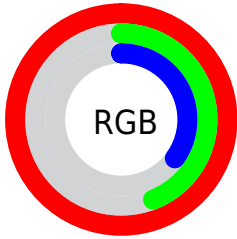
Format	Color
R_{YB}	255, 114, 89
Decimal	16740185
CIE _{Lab}	64.44, 53.44, 39.41
CIE _{LCh}	64, 66.397, 36.411
Yxy	33.3501, 0.5108, 0.3496
Android (android.graphics.Color)	4294930265 (0xFFFF6F59)
YUV	151.5480, -30.8362, 90.7274
Hunter-Lab	57.7496, 49.5519, 26.7492

Details

The Hex color **FF6F59** 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 **59E9FF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA68C**, and **C0382A** is the 20% darker color. If you saturate the color by 10%, you get **FF5940**, and if you desaturate by 10%, it is **FF8573**.

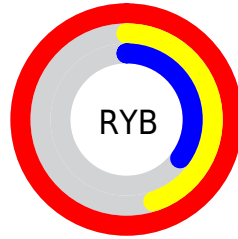
Distribution



Red (100%)

Green (44%)

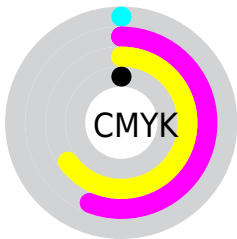
Blue (35%)



Red (100%)

Yellow (45%)

Blue (35%)

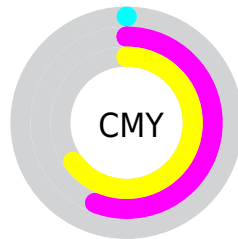


Cyan (0%)

Magenta (56%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6F59 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 FF6F59 by changing the saturation by 10% instead.

 FF6F59

 FF6F59

FFFFFF

 DF5441

 FFA68C

 C0382A

 FFC3A6

 A11714

 FFE0C1

 820000

 FFFDDE

 640000

 FFFFFA

 470001

 2A0001

 000000

 FF6F59

 FF6F59

■ FF5940

■ FF8573

■ FF4326

■ FF9B8C

■ FF2D0D

■ FFB1A6

■ FF2200

■ FFC7BF

■ FFDED9

■ FFF4F2

FFFFFF

Harmonies

Analogous

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



FF6192



FF6F59



DF8829

Triad

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



FF6F59



00B56A



009FFF

Complementary

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



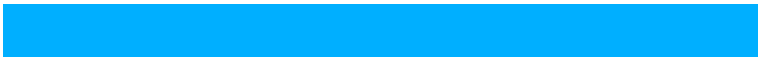
FF6F59



59E9FF

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.



00AFFF



FF6F59



00B8A8

Square

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



FF6F59



70AD33



00B7E1



AE87FC

Rectangle

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



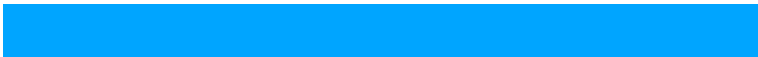
FF6F59



C0970F



00B7E1



00A5FF

Sweetspot

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



FF6F59



FFD3CC



FF59EC



806561



000000



808080

Same Dimension

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



FF6F59



FF5238



FFBF59



807473



BF1900



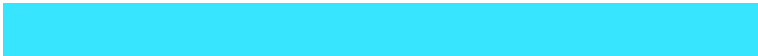
400800

Inverse Universe

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



59E9FF



38E5FF



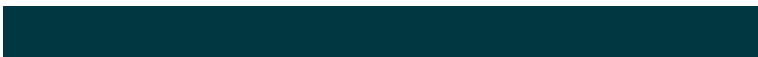
5999FF



737E80



00A6BF



003740

Previews

White Background



This preview shows how the Hex color FF6F59 looks on a white background.

Color Contrast Check

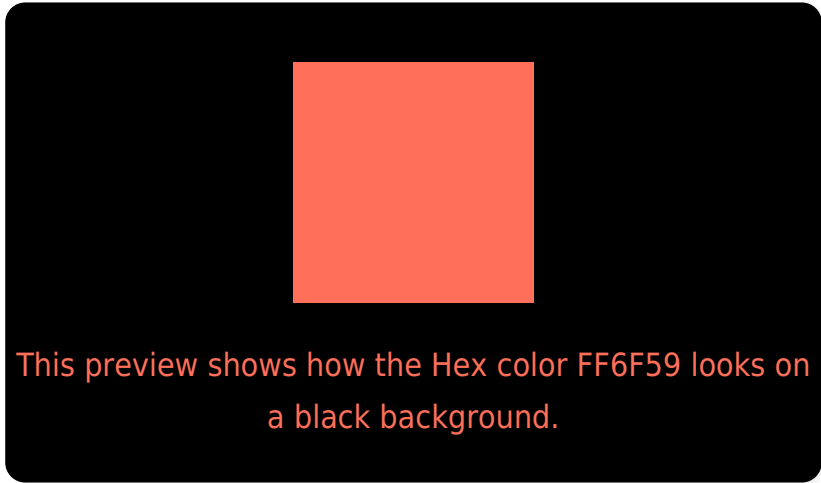
Large Text (above 18pt) WCAG AA × Fail

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 FF6F59 Background



This preview shows how black text looks on a background with the Hex color FF6F59.



This preview shows how white text looks on a background with the Hex color FF6F59.

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
FF6F59

Protanopia
AA9D6A

Deuteranopia
C09552



Tritanopia
FF6D73

Trichromacy



Original Color
FF6F59

Protanomaly
C98C64

Deuteranomaly
D78755

Tritanomaly
FF6E6A

Monochromacy



Original Color
FF6F59

Achromatopsia
989898

Achromatomaly
BD8981

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6F59 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 #FF6F59 looks like.

```
.text, #text, p{
  color:#FF6F59
}
```

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 #FF6F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F59
}
```

Border

The CSS property to change the border of an element to Hex FF6F59 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
#FF6F59 }
```

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

```
.border{ border-color:#FF6F59 }
```

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

Here you see how a box with a 4 pixel #FF6F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F59; -webkit-box-shadow:4px 4px  
4px 4px #FF6F59; box-shadow:4px 4px 4px  
4px #FF6F59 }
```

Background

The CSS property to change the background color of an element to Hex FF6F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F59 }
```

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

```
.background{ background-color:#FF6F59 }
```

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