

# Converting Colors

Hex(FF755C)

Have a look what the booklet for  
Hex(FF755C) contains.

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# **Color**

**Hex(F7755C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF755C
RGB	255, 117, 92
RGB Percent	100%, 46%, 36%
CMY	0.0000, 0.5412, 0.6392
CMYK	0.00, 0.54, 0.64, 0.00
HSL	9°, 100%, 68%
HSV	9°, 64%, 100%
XYZ	49.5331, 34.7553, 14.2230
YIQ	155.4120, 90.2730, 21.4810

# Conversions

## Conversions Part 2

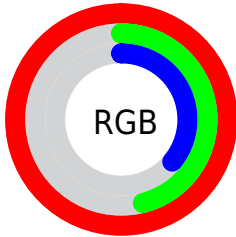
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	255, 122, 92
Decimal	16741724
CIE Lab	65.56, 50.83, 39.14
CIE LCh	66, 64.148, 37.598
Yxy	34.7553, 0.5028, 0.3528
Android (android.graphics.Color)	4294931804 (0xFFFF755C)
YUV	155.4120, -31.2621, 87.3387
Hunter-Lab	58.9536, 46.8076, 26.9634

# Details

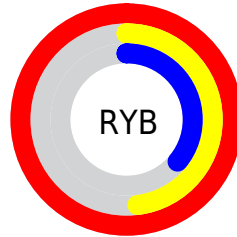
The Hex color **FF755C** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **5CE6FF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAC8F**, and **C03F2D** is the 20% darker color. If you saturate the color by 10%, you get **FF5F43**, and if you desaturate by 10%, it is **FF8B76**.

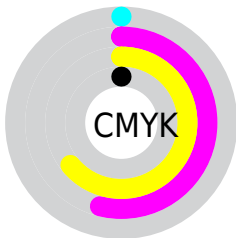
# Distribution



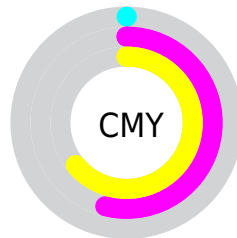
- Red (100%)
- Green (46%)
- Blue (36%)



- Red (100%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF755C 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 FF755C by changing the saturation by 10% instead.



 FF755C

 FF755C

FFFFFF

 DF5A44

 FFAC8F

 C03F2D

 FFC9AA

 A12117

 FFE6C5

 830000

 FFFFE1

 650000

FFFFFFE

 470000

 2C0001

 000000

 FF755C

 FF755C

 FF5F43

 FF8B76

 FF4A29

 FFA08F

 FF3410

 FFB6A9

 FF2700

 FFCBC2

 FFE1DC

 FFF7F5

FFFFFF

# Harmonies

## Analogous

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



FF6893



FF755C



DF8C2F

# Triad

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



FF755C



00B871



37A1FF

# Complementary

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



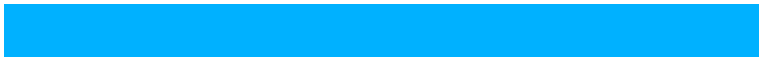
FF755C



5CE6FF

# 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.



00B1FF



FF755C



00BBAD

# Square

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



FF755C



72AF3D



00B9E4



B48AFB

# Rectangle

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



FF755C



C19B1D



00B9E4



00A7FF



# Sweetspot

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



FF755C



FFD6CF



FF5CE7



806762



000000



808080



# Same Dimension

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



FF755C



FF593B



FFC65C



807573



BF1D00

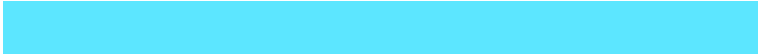


400A00



# Inverse Universe

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



5CE6FF



3BE1FF



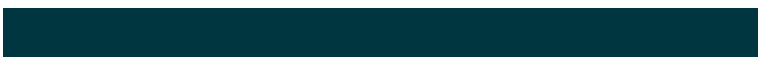
5C95FF



737E80



00A2BF



003640



# Previews

## White Background



This preview shows how the Hex color FF755C looks on a white background.

## Color Contrast Check

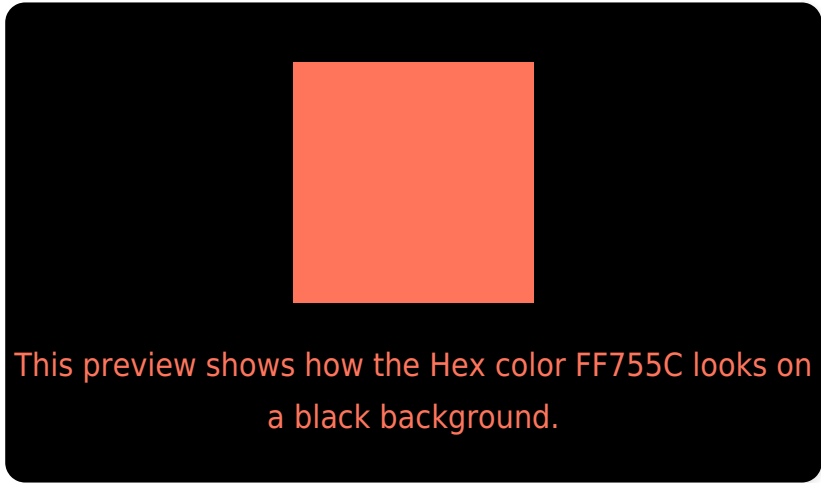
Large Text (above 18pt) WCAG AA × Fail

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 FF755C Background



This preview shows how black text looks on a background with the Hex color FF755C.

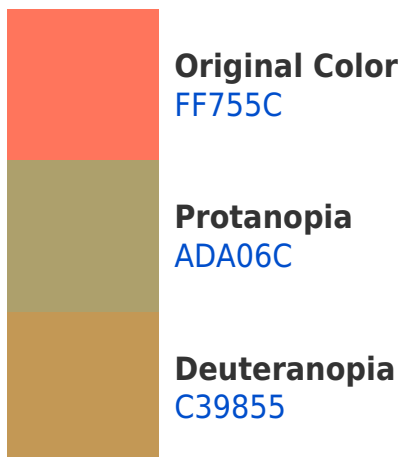


This preview shows how white text looks on a background with the Hex color FF755C.

# 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**  
FF727A

# Trichromacy



**Original Color**  
FF755C

**Protanomaly**  
CB9066

**Deuteranomaly**  
D98B58

**Tritanomaly**  
FF736F

# Monochromacy



**Original Color**  
FF755C

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
BF8D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF755C 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 #FF755C looks like.

```
.text, #text, p{  
    color:#FF755C  
}
```

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 #FF755C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF755C
}
```

## Border

The CSS property to change the border of an element to Hex FF755C 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
#FF755C }
```

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

```
.border{ border-color:#FF755C }
```

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

Here you see how a box with a 4 pixel #FF755C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF755C; -webkit-box-shadow:4px 4px  
4px 4px #FF755C; box-shadow:4px 4px 4px  
4px #FF755C }
```

# Background

The CSS property to change the background color of an element to Hex FF755C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF755C }
```

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

```
.background{ background-color:#FF755C }
```

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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