

# Converting Colors

Hex(F77F5E)

Have a look what the booklet for  
Hex(F77F5E) contains.

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# **Color**

**Hex(F77F5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F77F5E
RGB	247, 127, 94
RGB Percent	97%, 50%, 37%
CMY	0.0314, 0.5020, 0.6314
CMYK	0.00, 0.49, 0.62, 0.03
HSL	13°, 91%, 67%
HSV	13°, 62%, 97%
XYZ	47.9675, 35.7611, 14.9641
YIQ	159.1180, 82.1130, 15.1770

# Conversions

## Conversions Part 2

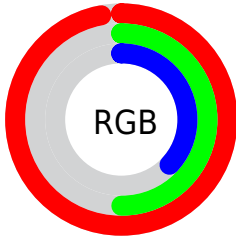
Format	Color
<a href="#">RYB</a>	<a href="#">247, 136, 94</a>
Decimal	<a href="#">16219998</a>
CIELab	<a href="#">66.34, 43.18, 38.75</a>
CIELCh	<a href="#">66, 58.019, 41.903</a>
Yxy	<a href="#">35.7611, 0.4860, 0.3623</a>
Android (android.graphics.Color)	<a href="#">4294410078 (0xFFFF77F5E)</a>
YUV	<a href="#">159.1180, -32.1032, 77.0725</a>
Hunter-Lab	<a href="#">59.8005, 38.5284, 27.0241</a>

# Details

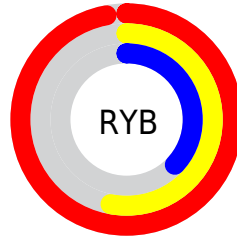
The Hex color **F77F5E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5ED6F7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB691**, and **B94B2F** is the 20% darker color. If you saturate the color by 10%, you get **F76C45**, and if you desaturate by 10%, it is **F79277**.

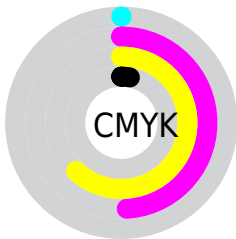
# Distribution



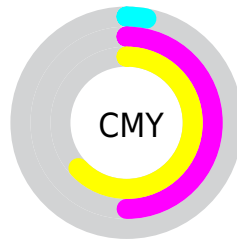
- Red (97%)
- Green (50%)
- Blue (37%)



- Red (97%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (50%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F77F5E 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 F77F5E by changing the saturation by 10% instead.



 F77F5E

 F77F5E

FFFFFF

 D86546

 FFB691

 B94B2F

 FFD2AC

 9B3018

 FFEFC7

 7D1300

 FFFFE4

 600000

 430000

 280001

 000000

 F77F5E

 F77F5E

 F76C45

 F79277

 F7582D

 F7A68F

 F74514

 F7B9A8

 F73500

 F7CCC1

 F7E0DA

 F7F3F2

 F7FFFF

# Harmonies

## Analogous

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



FF728F



F77F5E



D8933B

# Triad

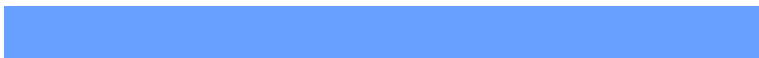
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F77F5E



00B97F



67A0FF

# Complementary

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



F77F5E



5ED6F7

# 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



F77F5E



00BBB5

# Square

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



F77F5E



70B24F



00B8E6



BF8BEF

# Rectangle

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



F77F5E



BAA031



00B8E6



2EA6FF

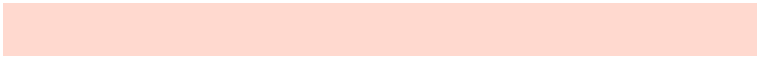


# Sweetspot

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



F77F5E



FFD9CF



F75ED8



806962



000000



808080



# Same Dimension

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



F77F5E



FF6B42



F7C95E



7A716E



BA2800



3B0D00

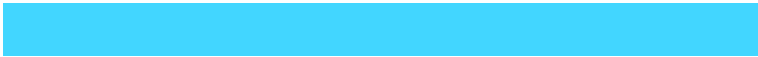


# Inverse Universe

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



5ED6F7



42D6FF



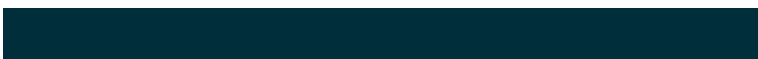
5E8CF7



6E787A



0092BA



002E3B



# Previews

## White Background



This preview shows how the Hex color F77F5E looks on a white background.

## Color Contrast Check

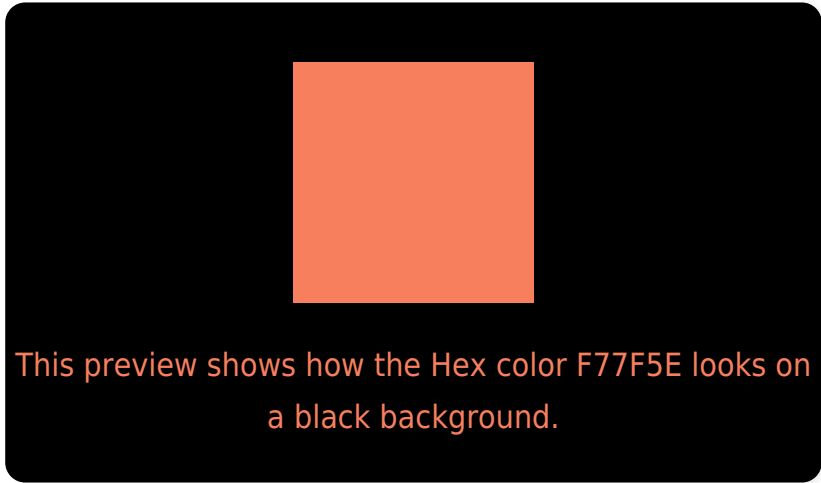
Large Text (above 18pt) WCAG AA × Fail

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 F77F5E Background



This preview shows how black text looks on a background with the Hex color F77F5E.

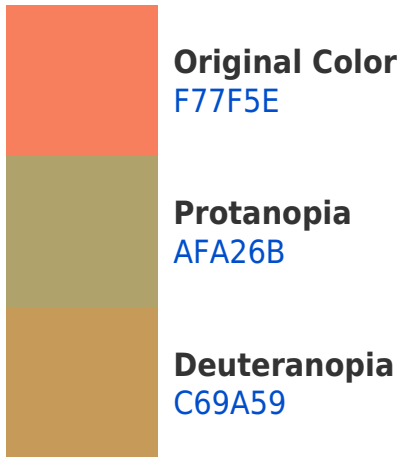



This preview shows how white text looks on a background with the Hex color F77F5E.

# 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**  
F97A83

# Trichromacy



**Original Color**  
F77F5E



**Protanomaly**  
C99566



**Deuteranomaly**  
D8905B



**Tritanomaly**  
F87C76

# Monochromacy



**Original Color**  
F77F5E



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BF9387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F77F5E 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 #F77F5E looks like.

```
.text, #text, p{  
    color:#F77F5E  
}
```

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 #F77F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F77F5E
}
```

## Border

The CSS property to change the border of an element to Hex F77F5E 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
#F77F5E }
```

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

```
.border{ border-color:#F77F5E }
```

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

Here you see how a box with a 4 pixel #F77F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F77F5E; -webkit-box-shadow:4px 4px  
4px 4px #F77F5E; box-shadow:4px 4px 4px  
4px #F77F5E }
```

# Background

The CSS property to change the background color of an element to Hex F77F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F77F5E }
```

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

```
.background{ background-color:#F77F5E }
```

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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