

# Converting Colors

Hex(F77E4E)

Have a look what the booklet for  
Hex(F77E4E) contains.

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**Color**

**Hex(F77E4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F77E4E
RGB	247, 126, 78
RGB Percent	97%, 49%, 31%
CMY	0.0314, 0.5059, 0.6941
CMYK	0.00, 0.49, 0.68, 0.03
HSL	17°, 91%, 64%
HSV	17°, 68%, 97%
XYZ	47.1938, 35.2459, 11.5235
YIQ	156.7070, 87.5240, 10.7240

# Conversions

## Conversions Part 2

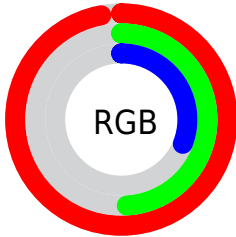
Format	Color
<a href="#">RYB</a>	<a href="#">247, 145, 78</a>
Decimal	<a href="#">16219726</a>
CIELab	<a href="#">65.94, 42.74, 46.67</a>
CIElCh	<a href="#">66, 63.287, 47.517</a>
Yxy	<a href="#">35.2459, 0.5023, 0.3751</a>
Android (android.graphics.Color)	<a href="#">4294409806</a> ( <a href="#">0xFFFF77E4E</a> )
YUV	<a href="#">156.7070, -38.8026, 79.1870</a>
Hunter-Lab	<a href="#">59.3683, 38.0010, 30.0495</a>

# Details

The Hex color **F77E4E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle washed orange. A complement of this color would be **4EC7F7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB581**, and **B94A1E** is the 20% darker color. If you saturate the color by 10%, you get **F76C35**, and if you desaturate by 10%, it is **F79067**.

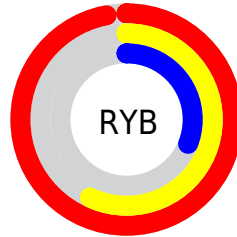
# Distribution



Red (97%)

Green (49%)

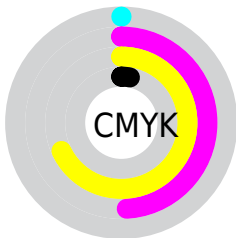
Blue (31%)



Red (97%)

Yellow (57%)

Blue (31%)

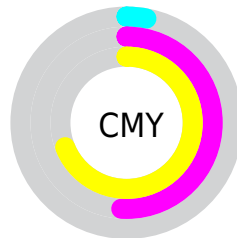


Cyan (0%)

Magenta (49%)

Yellow (68%)

Black (3%)



Cyan (3%)

Magenta (51%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F77E4E 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 F77E4E by changing the saturation by 10% instead.



 F77E4E

 F77E4E

FFFFFF

 D86436

 FFB581

 B94A1E

 FFD19B

 9A3003

 FFEEB6

 7C1300

 FFFFD2

 5E0000

 FFFFEF

 420000

 270001

 000000

 F77E4E

 F77E4E

 F76C35

 F79067

 F75B1D

 F7A17F

 F74904

 F7B398

 F74600

 F7C5B1

 F7D6CA

 F7E8E2

 F7FAFB

 F7FFFF

# Harmonies

## Analogous

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



FF6C81



F77E4E



D19528

# Triad

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



F77E4E



00BA86



739BFF

# Complementary

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



F77E4E



4EC7F7

# 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.



00ADFF



F77E4E



00BBC1

# Square

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



F77E4E



5AB44F



00B8F3



CD83EE

# Rectangle

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



F77E4E



B0A221



00B8F3



3CA2FF



# Sweetspot

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



F77E4E



FFD9C9



F74EC7



806960



000000



808080



# Same Dimension

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



F77E4E



FF692E



F7D24E



7A726E



BA3500



3B1100



# Inverse Universe

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



4EC7F7



2EC4FF



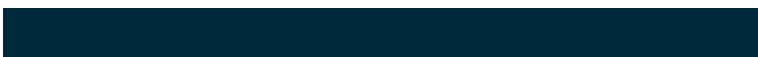
4E73F7



6E777A



0085BA



002A3B



# Previews

## White Background



This preview shows how the Hex color F77E4E looks on a white background.

## Color Contrast Check

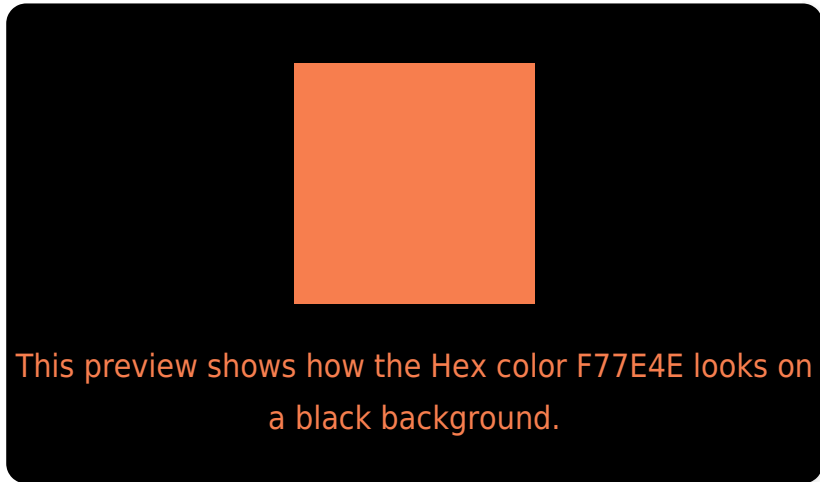
Large Text (above 18pt) WCAG AA × Fail

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 F77E4E Background



This preview shows how black text looks on a background with the Hex color F77E4E.



This preview shows how white text looks on a background with the Hex color F77E4E.

# 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**  
FA7880

# Trichromacy



**Original Color**  
F77E4E

**Protanomaly**  
CA9456

**Deuteranomaly**  
D88F4A

**Tritanomaly**  
F97A6E

# Monochromacy



**Original Color**  
F77E4E

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
BE9280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F77E4E 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 #F77E4E looks like.

```
.text, #text, p{  
    color:#F77E4E  
}
```

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 #F77E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F77E4E
}
```

## Border

The CSS property to change the border of an element to Hex F77E4E 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
#F77E4E }
```

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

```
.border{ border-color:#F77E4E }
```

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

Here you see how a box with a 4 pixel #F77E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F77E4E; -webkit-box-shadow:4px 4px  
4px 4px #F77E4E; box-shadow:4px 4px 4px  
4px #F77E4E }
```

# Background

The CSS property to change the background color of an element to Hex F77E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F77E4E }
```

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

```
.background{ background-color:#F77E4E }
```

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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