

# Converting Colors

Hex(FF7D4E)

Have a look what the booklet for  
Hex(FF7D4E) contains.

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# **Color**

**Hex(F F 7 D 4 E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7D4E
RGB	255, 125, 78
RGB Percent	100%, 49%, 31%
CMY	0.0000, 0.5098, 0.6941
CMYK	0.00, 0.51, 0.69, 0.00
HSL	16°, 100%, 65%
HSV	16°, 69%, 100%
XYZ	49.9488, 36.4773, 11.6160
YIQ	158.5120, 92.5670, 12.9430

# Conversions

## Conversions Part 2

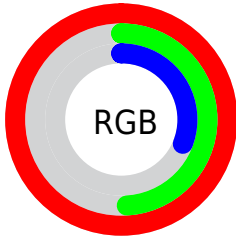
Format	Color
<a href="#">RYB</a>	<a href="#">255, 142, 78</a>
Decimal	<a href="#">16743758</a>
CIELab	<a href="#">66.88, 46.24, 48.05</a>
CIELCh	<a href="#">67, 66.679, 46.101</a>
Yxy	<a href="#">36.4773, 0.5095, 0.3721</a>
Android (android.graphics.Color)	<a href="#">4294933838 (0xFFFF7D4E)</a>
YUV	<a href="#">158.5120, -39.6924, 84.6200</a>
Hunter-Lab	<a href="#">60.3964, 41.9284, 30.8743</a>

# Details

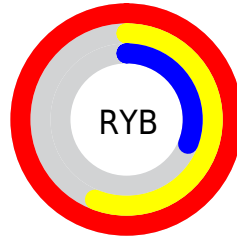
The Hex color **FF7D4E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4ED0FF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB481**, and **C0481E** is the 20% darker color. If you saturate the color by 10%, you get **FF6A35**, and if you desaturate by 10%, it is **FF9068**.

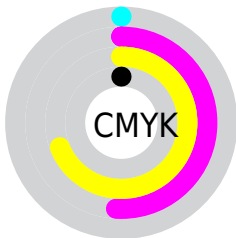
# Distribution



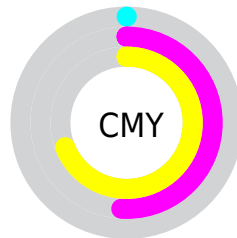
- Red (100%)
- Green (49%)
- Blue (31%)



- Red (100%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7D4E 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 FF7D4E by changing the saturation by 10% instead.



 FF7D4E

 FF7D4E

FFFFFF

 DF6236

 FFB481

 C0481E

 FFD09B

 A12D03

 FFEDB7

 830D00

 FFFFD2

 640000

 FFFFEF

 470000

 2D0001

 000000

 FF7D4E

 FF7D4E

■ FF6A35

■ FF9068

■ FF581B

■ FFA281

■ FF4502

■ FFB59B

■ FF4400

■ FFC8B4

■ FFDBCE

■ FFEDE7

FFFFFF

# Harmonies

## Analogous

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



FF6A85



FF7D4E



D89622

# Triad

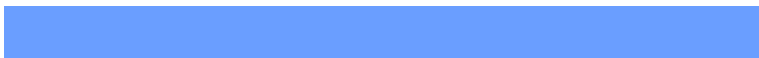
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF7D4E



00BD84



6A9EFF

# Complementary

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



FF7D4E



4ED0FF

# 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



FF7D4E



00BFC2

# Square

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



FF7D4E



5CB74A



00BCF8



CF84F7

# Rectangle

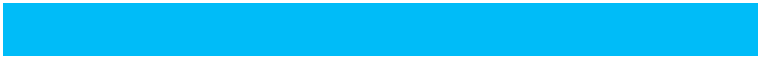
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF7D4E



B6A417



00BCF8



19A6FF



# Sweetspot

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



FF7D4E



FFD8C9



FF4ED3



806860



000000



808080



# Same Dimension

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



FF7D4E



FF642B



FFD34E



807673



BF3300



401100

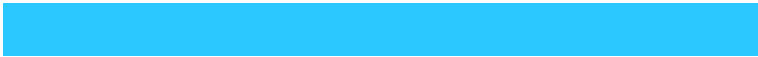


# Inverse Universe

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



4ED0FF



2BC7FF



4E7AFF



737C80



008CBF



002F40



# Previews

## White Background



This preview shows how the Hex color FF7D4E looks on a white background.

## Color Contrast Check

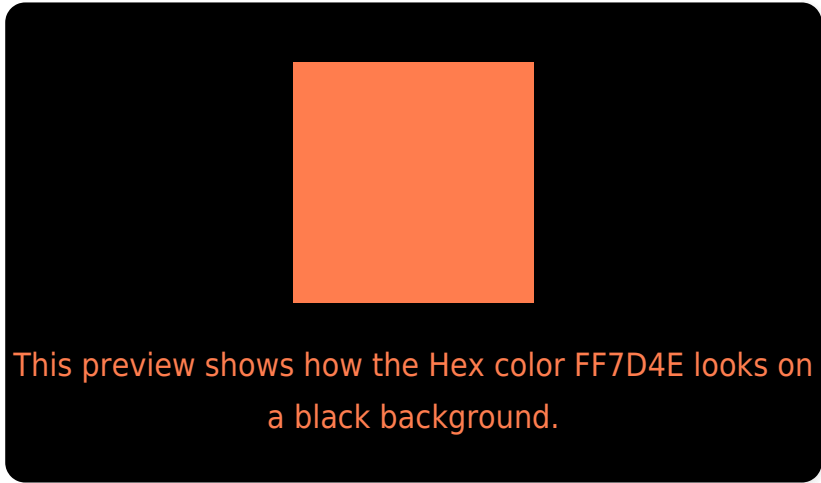
Large Text (above 18pt) WCAG AA × Fail

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 FF7D4E Background



This preview shows how black text looks on a background with the Hex color FF7D4E.



This preview shows how white text looks on a background with the Hex color FF7D4E.

# 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**  
FF7D4E

**Protanopia**  
B3A35B

**Deuteranopia**  
CA9B47



**Tritanopia**  
FF7981

# Trichromacy



**Original Color**  
FF7D4E

**Protanomaly**  
CF9556

**Deuteranomaly**  
DD904A

**Tritanomaly**  
FF7A6E

# Monochromacy



**Original Color**  
FF7D4E

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
C29382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7D4E 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 #FF7D4E looks like.

```
.text, #text, p{  
    color:#FF7D4E  
}
```

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 #FF7D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7D4E
}
```

## Border

The CSS property to change the border of an element to Hex FF7D4E 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
#FF7D4E }
```

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

```
.border{ border-color:#FF7D4E }
```

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

Here you see how a box with a 4 pixel #FF7D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7D4E; -webkit-box-shadow:4px 4px  
4px 4px #FF7D4E; box-shadow:4px 4px 4px  
4px #FF7D4E }
```

# Background

The CSS property to change the background color of an element to Hex FF7D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7D4E }
```

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

```
.background{ background-color:#FF7D4E }
```

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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