

# Converting Colors

Hex(FD7F4E)

Have a look what the booklet for  
Hex(FD7F4E) contains.

<b>Hex(FD7F4E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FD7F4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD7F4E
RGB	253, 127, 78
RGB Percent	99%, 50%, 31%
CMY	0.0078, 0.5020, 0.6941
CMYK	0.00, 0.50, 0.69, 0.01
HSL	17°, 98%, 65%
HSV	17°, 69%, 99%
XYZ	49.4725, 36.6114, 11.6670
YIQ	159.0880, 90.8250, 11.4730

# Conversions

## Conversions Part 2

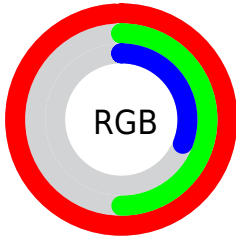
Format	Color
<a href="#">RYB</a>	<a href="#">253, 146, 78</a>
Decimal	<a href="#">16613198</a>
CIELab	<a href="#">66.98, 44.51, 48.08</a>
CIElCh	<a href="#">67, 65.522, 47.209</a>
Yxy	<a href="#">36.6114, 0.5061, 0.3745</a>
Android (android.graphics.Color)	<a href="#">4294803278</a> ( <a href="#">0xFFFD7F4E</a> )
YUV	<a href="#">159.0880, -39.9764, 82.3608</a>
Hunter-Lab	<a href="#">60.5074, 40.0586, 30.9230</a>

# Details

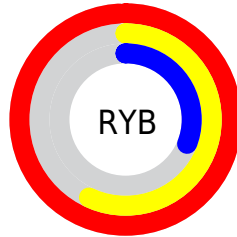
The Hex color **FD7F4E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle washed orange. A complement of this color would be **4ECCFD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB681**, and **BE4A1D** is the 20% darker color. If you saturate the color by 10%, you get **FD6D35**, and if you desaturate by 10%, it is **FD9167**.

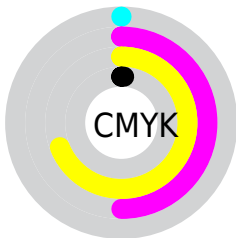
# Distribution



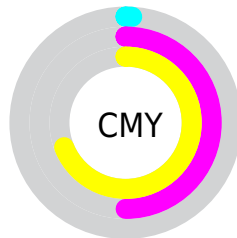
- Red (99%)
- Green (50%)
- Blue (31%)



- Red (99%)
- Yellow (57%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (1%)



- Cyan (1%)
- Magenta (50%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD7F4E 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 FD7F4E by changing the saturation by 10% instead.



 FD7F4E

 FD7F4E

FFFFFF

 DD6436

 FFB681

 BE4A1D

 FFD29B

 9F3003

 FFEFB7

 811200

 FFFFDD

 630000

 FFFFEE

 460000

 2C0001

 000000

 FD7F4E

 FD7F4E

FD6D35

FD9167

FD5B1B

FDA381

FD4802

FDB69A

FD4700

FDC8B3

FDDACD

FDECE6

FDFFFF

# Harmonies

## Analogous

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



FF6C84



FD7F4E



D69725

# Triad

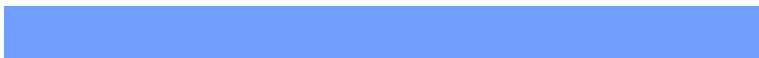
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FD7F4E



00BE87



729EFF

# Complementary

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



FD7F4E



4ECCFD

# 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



FD7F4E



00BFC4

# Square

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



FD7F4E



5BB74E



00BCF9



D184F4

# Rectangle

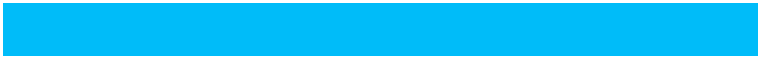
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD7F4E



B4A51C



00BCF9



33A5FF



# Sweetspot

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



FD7F4E



FFD8C9



FD4ECE



806960



000000



808080



# Same Dimension

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



FD7F4E



FF672B



FDD44E



807673



BF3600

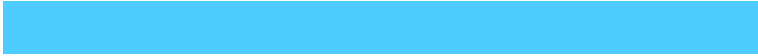


401200

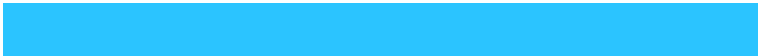


# Inverse Universe

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



4ECCFD



2BC4FF



4E77FD



737C80



008ABF



002E40



# Previews

## White Background



This preview shows how the Hex color FD7F4E looks on a white background.

## Color Contrast Check

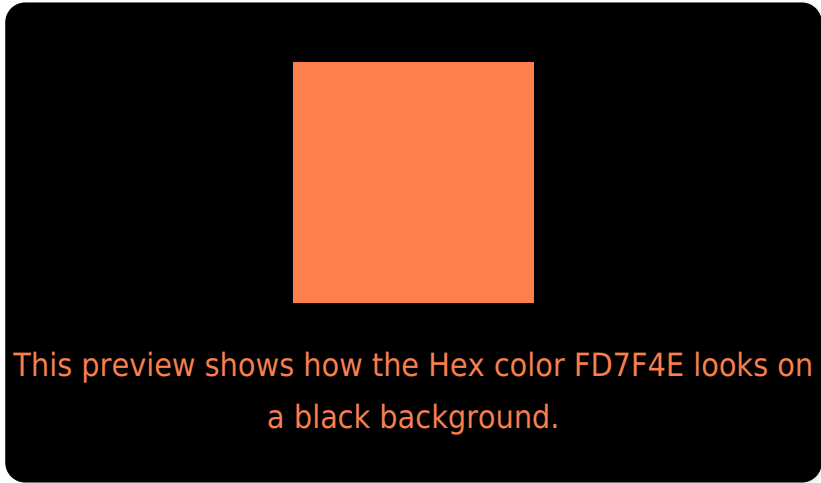
Large Text (above 18pt) WCAG AA × Fail

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 FD7F4E Background



This preview shows how black text looks on a background with the Hex color FD7F4E.

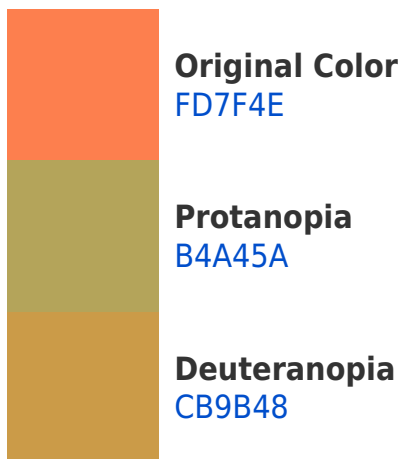


This preview shows how white text looks on a background with the Hex color FD7F4E.

# 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**  
FF7982

# Trichromacy



**Original Color**  
FD7F4E



**Protanomaly**  
CF9756



**Deuteranomaly**  
DD914A

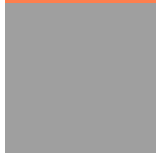


**Tritanomaly**  
FE7B6F

# Monochromacy



**Original Color**  
FD7F4E



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
C19382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD7F4E 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 #FD7F4E looks like.

```
.text, #text, p{  
    color:#FD7F4E  
}
```

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 #FD7F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7F4E
}
```

## Border

The CSS property to change the border of an element to Hex FD7F4E 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
#FD7F4E }
```

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

```
.border{ border-color:#FD7F4E }
```

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

Here you see how a box with a 4 pixel #FD7F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7F4E; -webkit-box-shadow:4px 4px  
4px 4px #FD7F4E; box-shadow:4px 4px 4px  
4px #FD7F4E }
```

# Background

The CSS property to change the background color of an element to Hex FD7F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7F4E }
```

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

```
.background{ background-color:#FD7F4E }
```

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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