

# Converting Colors

Hex(FF7853)

Have a look what the booklet for  
Hex(FF7853) contains.

<b>Hex(FF7853)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F77853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7853
RGB	255, 120, 83
RGB Percent	100%, 47%, 33%
CMY	0.0000, 0.5294, 0.6745
CMYK	0.00, 0.53, 0.67, 0.00
HSL	13°, 100%, 66%
HSV	13°, 67%, 100%
XYZ	49.5178, 35.3175, 12.3907
YIQ	156.1470, 92.3370, 17.1130

# Conversions

## Conversions Part 2

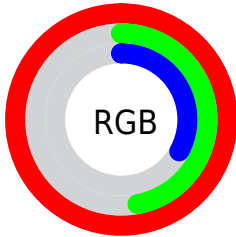
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 130, 83
Decimal	16742483
CIELab	66.00, 48.90, 44.45
CIELCh	66, 66.084, 42.273
Yxy	35.3175, 0.5093, 0.3633
Android (android.graphics.Color)	4294932563 (0xFFFF7853)
YUV	156.1470, -36.0615, 86.6941
Hunter-Lab	59.4285, 44.7322, 29.2381

# Details

The Hex color **FF7853** is a light color, and the websafe version is hex **FF6633**. The color can be described as light muted orange. A complement of this color would be **53DAFF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAF86**, and **C04224** is the 20% darker color. If you saturate the color by 10%, you get **FF6439**, and if you desaturate by 10%, it is **FF8C6C**.

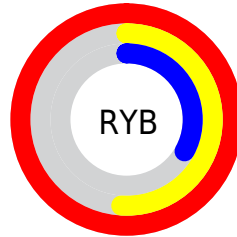
# Distribution



Red (100%)

Green (47%)

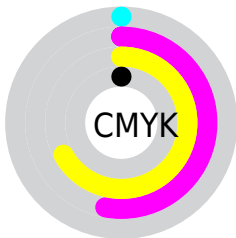
Blue (33%)



Red (100%)

Yellow (51%)

Blue (33%)

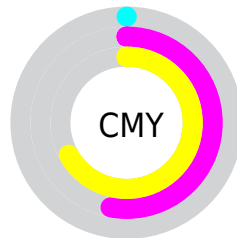


Cyan (0%)

Magenta (53%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7853 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 FF7853 by changing the saturation by 10% instead.



 FF7853

 FF7853

FFFFFF

 DF5D3B

 FFAF86

 C04224

 FFCBA0

 A1260C

 FFE8BB

 830000

 FFFFD7

 640000

 FFFFF4

 470000

 2C0001

 000000

 FF7853

 FF7853

■ FF6439

■ FF8C6C

■ FF5020

■ FFA086

■ FF3C07

■ FFB4A0

■ FF3700

■ FFC8B9

■ FFDCD3

■ FFF0EC

FFFFFF

# Harmonies

## Analogous

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



FF678A



FF7853



DB9126

# Triad

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



FF7853



00BA7A



539FFF

# Complementary

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



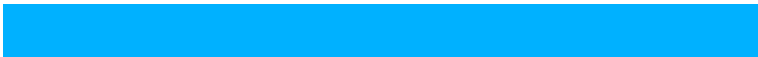
FF7853



53DAFF

# 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



FF7853



00BDB8

# Square

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



FF7853



65B342



00BAEF



C286F9

# Rectangle

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



FF7853



BA9F15



00BAEF



00A6FF



# Sweetspot

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



FF7853



FFD7CC



FF53DD



806761



000000



808080



# Same Dimension

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



FF7853



FF5D30



FFCB53



807573



BF2900



400E00



# Inverse Universe

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



53DAFF



30D3FF



5387FF



737D80



0096BF



003240



# Previews

## White Background



This preview shows how the Hex color FF7853 looks on a white background.

## Color Contrast Check

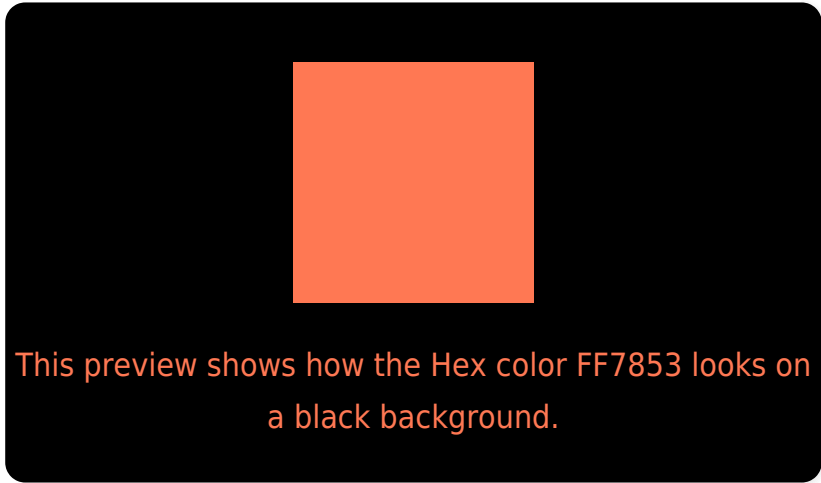
Large Text (above 18pt) WCAG AA × Fail

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 FF7853 Background



This preview shows how black text looks on a background with the Hex color FF7853.



This preview shows how white text looks on a background with the Hex color FF7853.

# 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**  
FF7853

**Protanopia**  
B0A161

**Deuteranopia**  
C6994C



**Tritanopia**  
FF747C

# Trichromacy



**Original Color**  
FF7853



**Protanomaly**  
CD925C



**Deuteranomaly**  
DB8D4F

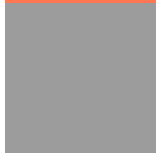


**Tritanomaly**  
FF756D

# Monochromacy



**Original Color**  
FF7853



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
C08F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7853 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 #FF7853 looks like.

```
.text, #text, p{  
    color:#FF7853  
}
```

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 #FF7853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7853
}
```

## Border

The CSS property to change the border of an element to Hex FF7853 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
#FF7853 }
```

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

```
.border{ border-color:#FF7853 }
```

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

Here you see how a box with a 4 pixel #FF7853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7853; -webkit-box-shadow:4px 4px  
4px 4px #FF7853; box-shadow:4px 4px 4px  
4px #FF7853 }
```

# Background

The CSS property to change the background color of an element to Hex FF7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7853 }
```

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

```
.background{ background-color:#FF7853 }
```

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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