

# Converting Colors

Hex(FF7D52)

Have a look what the booklet for  
Hex(FF7D52) contains.

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**Color**

**Hex(F77D52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7D52
RGB	255, 125, 82
RGB Percent	100%, 49%, 32%
CMY	0.0000, 0.5098, 0.6784
CMYK	0.00, 0.51, 0.68, 0.00
HSL	15°, 100%, 66%
HSV	15°, 68%, 100%
XYZ	50.0966, 36.5364, 12.3945
YIQ	158.9680, 91.2830, 14.1870

# Conversions

## Conversions Part 2

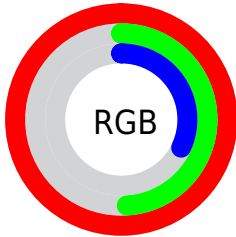
Format	Color
<a href="#">RYB</a>	<a href="#">255, 139, 82</a>
Decimal	<a href="#">16743762</a>
CIELab	<a href="#">66.93, 46.44, 46.05</a>
CIELCh	<a href="#">67, 65.401, 44.759</a>
Yxy	<a href="#">36.5364, 0.5059, 0.3690</a>
Android (android.graphics.Color)	<a href="#">4294933842 (0xFFFF7D52)</a>
YUV	<a href="#">158.9680, -37.9452, 84.2201</a>
Hunter-Lab	<a href="#">60.4454, 42.1599, 30.1542</a>

# Details

The Hex color **FF7D52** 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 **52D4FF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB485**, and **C04822** is the 20% darker color. If you saturate the color by 10%, you get **FF6A39**, and if you desaturate by 10%, it is **FF906B**.

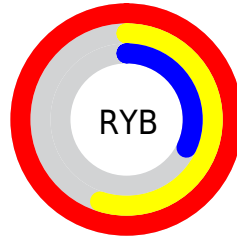
# Distribution



Red (100%)

Green (49%)

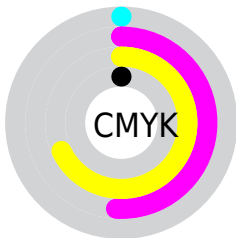
Blue (32%)



Red (100%)

Yellow (55%)

Blue (32%)

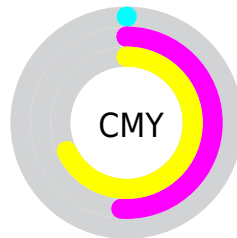


Cyan (0%)

Magenta (51%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7D52 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 FF7D52 by changing the saturation by 10% instead.



 FF7D52

 FF7D52

FFFFFF

 DF623A

 FFB485

 C04822

 FFD09F

 A12D09

 FFEDBB

 830C00

 FFFFD7

 650000

 FFFFF3

 470000

 2D0001

 000000

 FF7D52

 FF7D52

FF6A39

FF906B

FF571F

FFA385

FF4406

FFB69F

FF3F00

FFCAB8

FFDDD2

FFF0EB

FFFFFF

# Harmonies

## Analogous

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



FF6B88



FF7D52



DA9528

# Triad

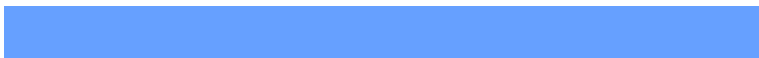
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF7D52



00BD82



66A0FF

# Complementary

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



FF7D52



52D4FF

# 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.



00B2FF



FF7D52



00BFBF

# Square

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



FF7D52



62B64A



00BCF5



CB86F7

# Rectangle

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



FF7D52



B8A31C



00BCF5



0CA7FF

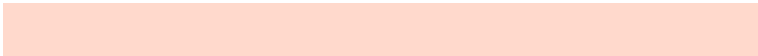


# Sweetspot

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



FF7D52



FFD9CC



FF52D7



806961



000000



808080



# Same Dimension

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



FF7D52



FF6430



FFD152



807673



BF3000



401000

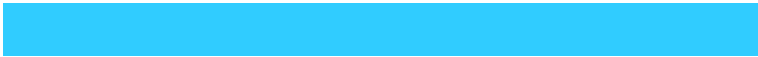


# Inverse Universe

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



52D4FF



30CCFF



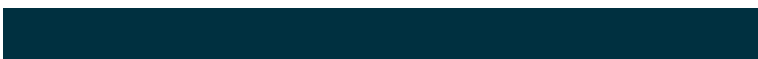
5280FF



737C80



0090BF



003040



# Previews

## White Background



This preview shows how the Hex color FF7D52 looks on a white background.

## Color Contrast Check

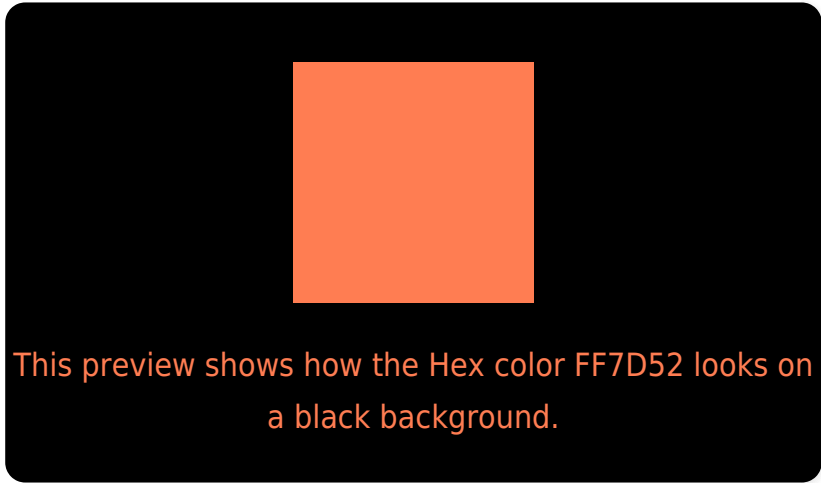
Large Text (above 18pt) WCAG AA × Fail

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 FF7D52 Background



This preview shows how black text looks on a background with the Hex color FF7D52.



This preview shows how white text looks on a background with the Hex color FF7D52.

# 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**  
FF7D52

**Protanopia**  
B3A35F

**Deuteranopia**  
CA9B4B



**Tritanopia**  
FF7981

# Trichromacy



**Original Color**  
FF7D52



**Protanomaly**  
CF955A



**Deuteranomaly**  
DD904E

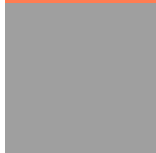


**Tritanomaly**  
FF7A70

# Monochromacy



**Original Color**  
FF7D52



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
C29383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7D52 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 #FF7D52 looks like.

```
.text, #text, p{  
    color:#FF7D52  
}
```

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 #FF7D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7D52
}
```

## Border

The CSS property to change the border of an element to Hex FF7D52 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
#FF7D52 }
```

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

```
.border{ border-color:#FF7D52 }
```

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

Here you see how a box with a 4 pixel #FF7D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7D52; -webkit-box-shadow:4px 4px  
4px 4px #FF7D52; box-shadow:4px 4px 4px  
4px #FF7D52 }
```

# Background

The CSS property to change the background color of an element to Hex FF7D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7D52 }
```

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

```
.background{ background-color:#FF7D52 }
```

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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