

Converting Colors

Hex(FF7A3D)

Have a look what the booklet for
Hex(FF7A3D) contains.

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Color

Hex(F7A3D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FF7A3D |
| RGB | 255, 122, 61 |
| RGB Percent | 100%, 48%, 24% |
| CMY | 0.0000, 0.5216, 0.7608 |
| CMYK | 0.00, 0.52, 0.76, 0.00 |
| HSL | 19°, 100%, 62% |
| HSV | 19°, 76%, 100% |
| XYZ | 49.0418, 35.5160, 8.6854 |
| YIQ | 154.8130, 98.8490, 9.2250 |

Conversions

Conversions Part 2

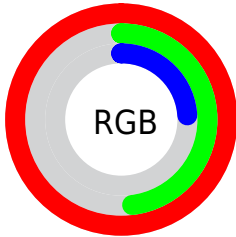
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 150, 61 |
| Decimal | 16742973 |
| CIELab | 66.15, 46.94, 55.54 |
| CIElCh | 66, 72.723, 49.795 |
| Yxy | 35.5160, 0.5260, 0.3809 |
| Android (android.graphics.Color) | 4294933053 (0xFFFF7A3D) |
| YUV | 154.8130, -46.2498, 87.8640 |
| Hunter-Lab | 59.5953, 42.5985, 33.0758 |

Details

The Hex color **FF7A3D** 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 **3DC2FF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB170**, and **BF4505** is the 20% darker color. If you saturate the color by 10%, you get **FF6923**, and if you desaturate by 10%, it is **FF8B57**.

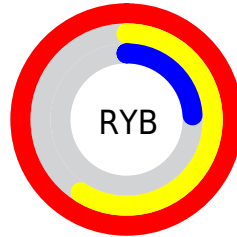
Distribution



Red (100%)

Green (48%)

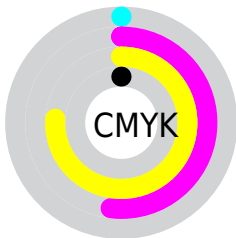
Blue (24%)



Red (100%)

Yellow (59%)

Blue (24%)

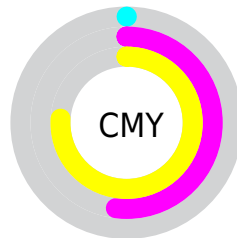


Cyan (0%)

Magenta (52%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7A3D 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 FF7A3D by changing the saturation by 10% instead.

 FF7A3D

 FF7A3D

FFFFFF

 DF5F24

 FFB170

 BF4505

 FFCD8A

 A02A00

 FFEAA5

 810600

 FFFFC1

 630000

 FFFFDD

 460000

 FFFFFA

 2B0001

 000000

 FF7A3D

 FF7A3D

 FF6923

 FF8B57

 FF570A

 FF9D70

 FF5000

 FFAE8A

 FFC0A3

 FFD1BD

 FFE3D6

 FFF4F0

FFFFFF

Harmonies

Analogous

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



FF6179



FF7A3D



D39600

Triad

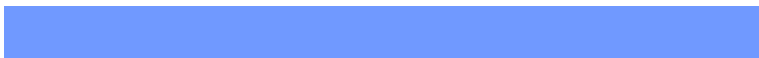
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF7A3D



00BE87



7099FF

Complementary

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



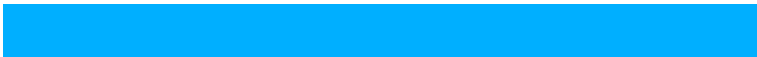
FF7A3D



3DC2FF

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.



00AFFF



FF7A3D



00BFCB

Square

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



FF7A3D



41B746



00BBFF



D97BF6

Rectangle

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



FF7A3D



ACA500



00BBFF



16A1FF

Sweetspot

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



FF7A3D



FFD7C4



FF3DC5



80675C



000000



808080

Same Dimension

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



FF7A3D



FF6017



FFD83D



807773



BF3C00



401400

Inverse Universe

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



3DC2FF



17B6FF



3D64FF



737B80



0083BF



002C40

Previews

White Background



This preview shows how the Hex color FF7A3D looks on a white background.

Color Contrast Check

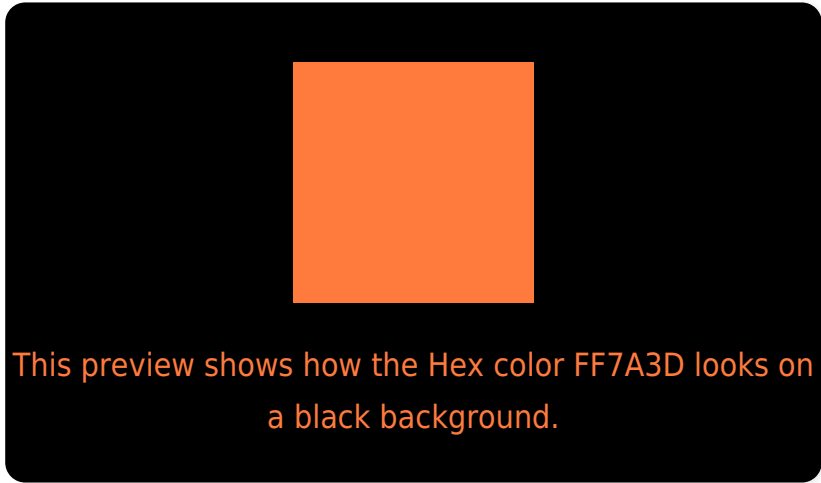
Large Text (above 18pt) WCAG AA × Fail

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 FF7A3D Background



This preview shows how black text looks on a background with the Hex color FF7A3D.



This preview shows how white text looks on a background with the Hex color FF7A3D.

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
FF7A3D

Protanopia
B3A148

Deuteranopia
CA9934



Tritanopia
FF757D

Trichromacy



Original Color
FF7A3D

Protanomaly
CF9344

Deuteranomaly
DD8E37

Tritanomaly
FF7766

Monochromacy



Original Color
FF7A3D

Achromatopsia
9B9B9B

Achromatomaly
BF8F79

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7A3D 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 #FF7A3D looks like.

```
.text, #text, p{  
    color:#FF7A3D  
}
```

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 #FF7A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7A3D
}
```

Border

The CSS property to change the border of an element to Hex FF7A3D 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
#FF7A3D }
```

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

```
.border{ border-color:#FF7A3D }
```

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

Here you see how a box with a 4 pixel #FF7A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7A3D; -webkit-box-shadow:4px 4px  
4px 4px #FF7A3D; box-shadow:4px 4px 4px  
4px #FF7A3D }
```

Background

The CSS property to change the background color of an element to Hex FF7A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7A3D }
```

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

```
.background{ background-color:#FF7A3D }
```

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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