

Converting Colors

Hex(FF7444)

Have a look what the booklet for
Hex(FF7444) contains.

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Color

Hex(F77444)

Conversions

Conversions Part 1

Format	Color
Hex	FF7444
RGB	255, 116, 68
RGB Percent	100%, 45%, 27%
CMY	0.0000, 0.5451, 0.7333
CMYK	0.00, 0.55, 0.73, 0.00
HSL	15°, 100%, 63%
HSV	15°, 73%, 100%
XYZ	48.5288, 34.1681, 9.5062
YIQ	152.0890, 98.2520, 14.5400

Conversions

Conversions Part 2

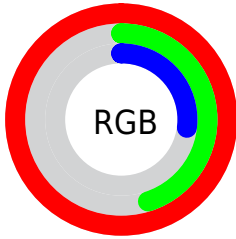
Format	Color
R_{YB}	255, 133, 68
Decimal	16741444
CIE _{Lab}	65.10, 50.08, 51.10
CIE _{LCh}	65, 71.544, 45.576
Yxy	34.1681, 0.5263, 0.3706
Android (android.graphics.Color)	4294931524 (0xFFFF7444)
YUV	152.0890, -41.4559, 90.2529
Hunter-Lab	58.4535, 45.8991, 31.2752

Details

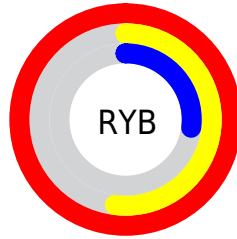
The Hex color **FF7444** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **44CFFF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFAB76**, and **BF3E12** is the 20% darker color. If you saturate the color by 10%, you get **FF612A**, and if you desaturate by 10%, it is **FF875D**.

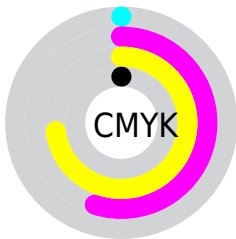
Distribution



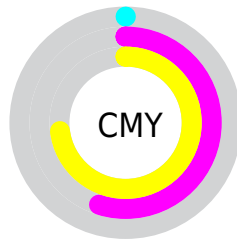
- Red (100%)
- Green (45%)
- Blue (27%)



- Red (100%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7444 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 FF7444 by changing the saturation by 10% instead.

 FF7444

 FF7444

FFFFFF

 DF592C

 FFAB76

 BF3E12

 FFC791

 A02100

 FFE4AC

 810000

 FFFFC7

 630000

 FFFFEE

 460000

 2A0001

 000000

 FF7444

 FF7444

■ FF612A

■ FF875D

■ FF4E11

■ FF9A77

■ FF4100

■ FFAD91

■ FFC0AA

■ FFD3C3

■ FFE6DD

■ FFF9F6

FFFFFF

Harmonies

Analogous

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



FF5E7F



FF7444



D69006

Triad

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



FF7444



00BA7C



569AFF

Complementary

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



FF7444



44CFFF

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.



00AEFF



FF7444



00BCBF

Square

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



FF7444



50B33C



00B9F8



CB7DF8

Rectangle

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



FF7444



B29F00



00B9F8



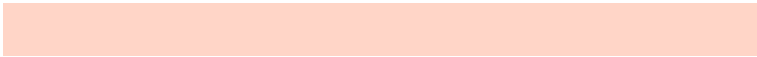
00A2FF

Sweetspot

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



FF7444



FFD5C7



FF44D0



80675E



000000



808080

Same Dimension

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



FF7444



FF581F



FFD044



807673



BF3100



401000

Inverse Universe

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



44CFFF



1FC5FF



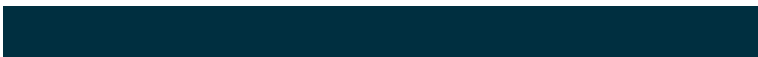
4473FF



737C80



008EBF



002F40

Previews

White Background



This preview shows how the Hex color FF7444 looks on a white background.

Color Contrast Check

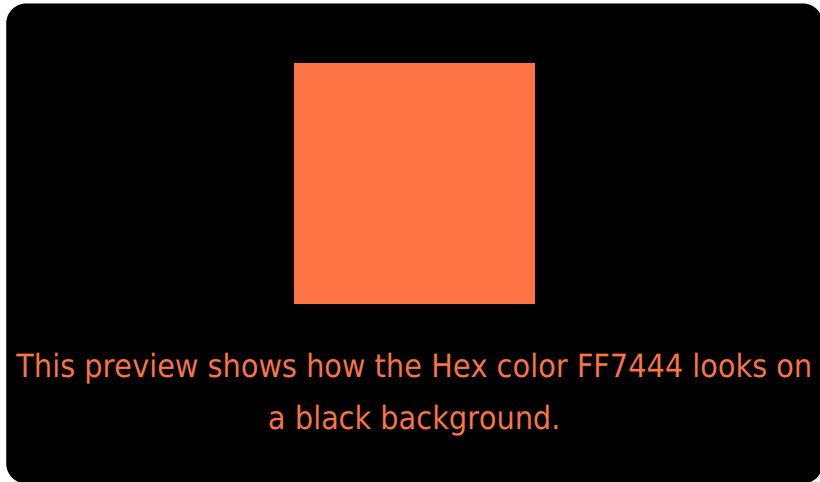
Large Text (above 18pt) WCAG AA × Fail

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 FF7444 Background



This preview shows how black text looks on a background with the Hex color FF7444.

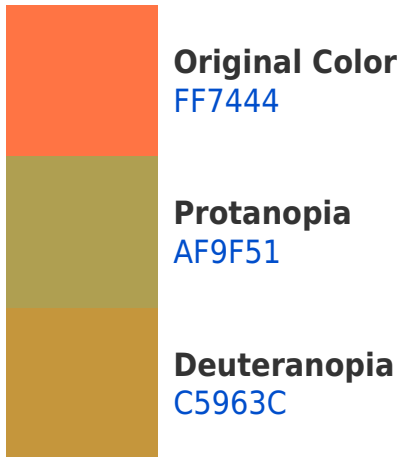


This preview shows how white text looks on a background with the Hex color FF7444.

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](#).

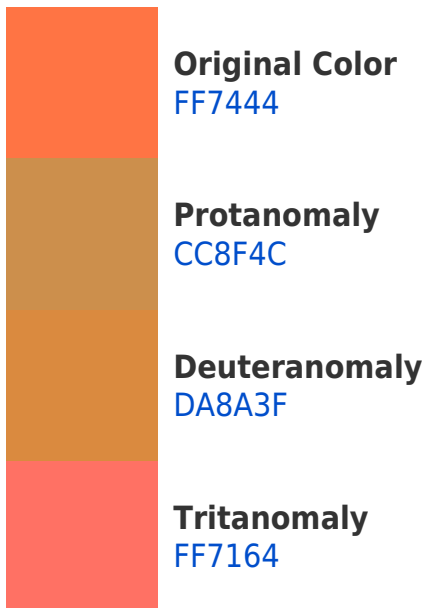
Dichromacy



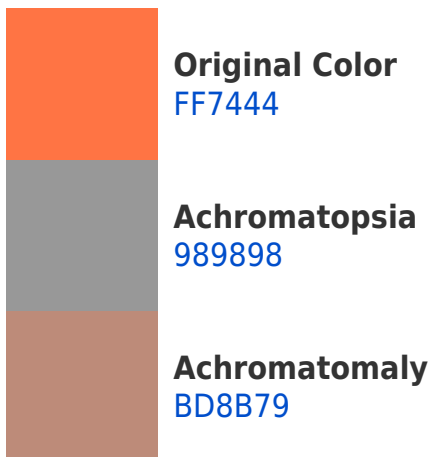


Tritanopia
FF7077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF7444 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 #FF7444 looks like.

```
.text, #text, p{  
    color:#FF7444  
}
```

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 #FF7444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7444
}
```

Border

The CSS property to change the border of an element to Hex FF7444 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
#FF7444 }
```

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

```
.border{ border-color:#FF7444 }
```

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

Here you see how a box with a 4 pixel #FF7444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7444; -webkit-box-shadow:4px 4px  
4px 4px #FF7444; box-shadow:4px 4px 4px  
4px #FF7444 }
```

Background

The CSS property to change the background color of an element to Hex FF7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7444 }
```

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

```
.background{ background-color:#FF7444 }
```

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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