

# Converting Colors

Hex(F7742E)

Have a look what the booklet for  
Hex(F7742E) contains.

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**Color**

**Hex(F7742E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7742E
RGB	247, 116, 46
RGB Percent	97%, 45%, 18%
CMY	0.0314, 0.5451, 0.8196
CMYK	0.00, 0.53, 0.81, 0.03
HSL	21°, 93%, 57%
HSV	21°, 81%, 97%
XYZ	45.0963, 32.4622, 6.4738
YIQ	147.1890, 100.5460, 6.0020

# Conversions

## Conversions Part 2

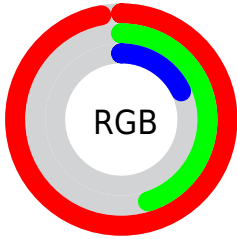
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 153, 46
Decimal	16217134
CIE <sub>Lab</sub>	63.72, 46.34, 59.39
CIE <sub>LCh</sub>	64, 75.334, 52.037
Yxy	32.4622, 0.5367, 0.3863
Android (android.graphics.Color)	4294407214 (0xFFFF7742E)
YUV	147.1890, -49.8862, 87.5342
Hunter-Lab	56.9756, 41.5758, 33.1462

# Details

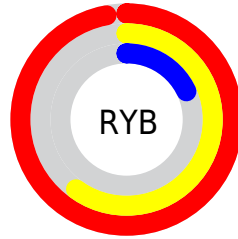
The Hex color **F7742E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **2EB1F7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAA62**, and **B73F00** is the 20% darker color. If you saturate the color by 10%, you get **F76415**, and if you desaturate by 10%, it is **F78447**.

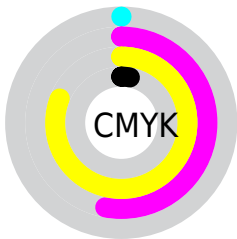
# Distribution



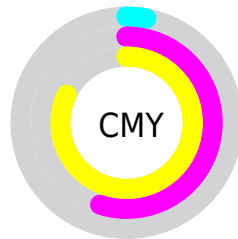
- Red (97%)
- Green (45%)
- Blue (18%)



- Red (97%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (81%)
- Black (3%)



- Cyan (3%)
- Magenta (55%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7742E 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 F7742E by changing the saturation by 10% instead.



 F7742E

 F7742E

FFFFFF

 D75A11

 FFAA62

 B73F00

 FFC77C

 982400

 FFE397

 790000

 FFFFB2

 5B0000

 FFFFCE

 3F0000

 FFFFEB

 210001

 000000

 F7742E

 F7742E

 F76415

 F78447

 F75600

 F7945F

 F7A478

 F7B491

 F7C4AA

 F7D5C2

 F7E5DB

 F7F5F4

 F7FFFF

# Harmonies

## Analogous

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



FF576C



F7742E



C89100

# Triad

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



F7742E



00B886



7190FF

# Complementary

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



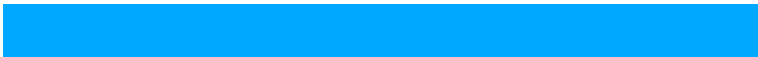
F7742E



2EB1F7

# 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.



00A8FF



F7742E



00B9CB

# Square

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



F7742E



21B241



00B4FF



D970EE

# Rectangle

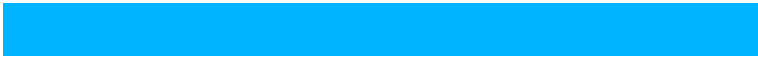
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7742E



A0A000



00B4FF



1199FF

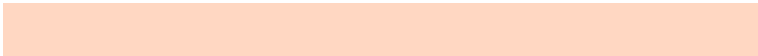


# Sweetspot

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



F7742E



FFD7C2



F72EB4



80675B



000000



808080



# Same Dimension

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



F7742E



FF5C05



F7D62E



7A726E



BA4100



3B1400



# Inverse Universe

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



2EB1F7



05A8FF



2E50F7



6E767A



0079BA



00263B



# Previews

## White Background



This preview shows how the Hex color F7742E looks on a white background.

## Color Contrast Check

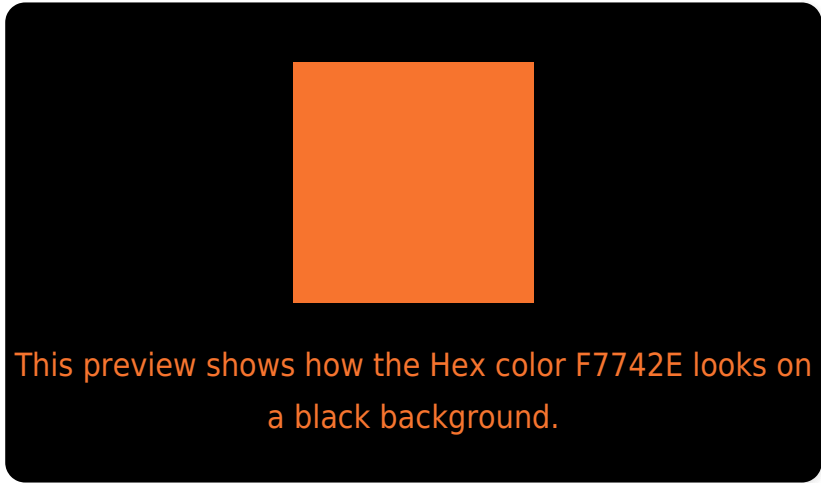
Large Text (above 18pt) WCAG AA × Fail

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 F7742E Background



This preview shows how black text looks on a background with the Hex color F7742E.

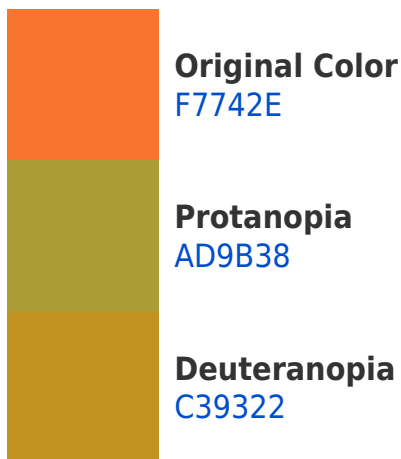



This preview shows how white text looks on a background with the Hex color F7742E.

# 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](#).

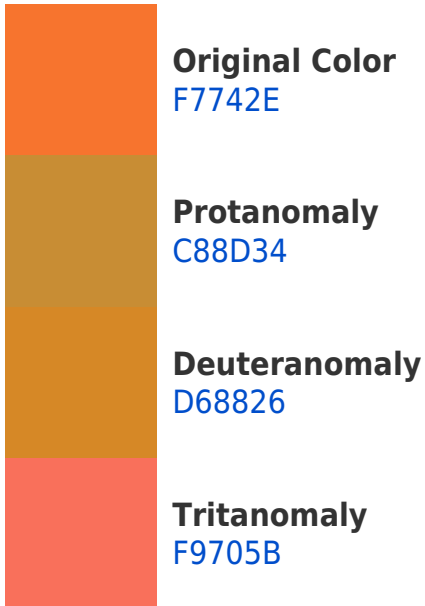
## Dichromacy



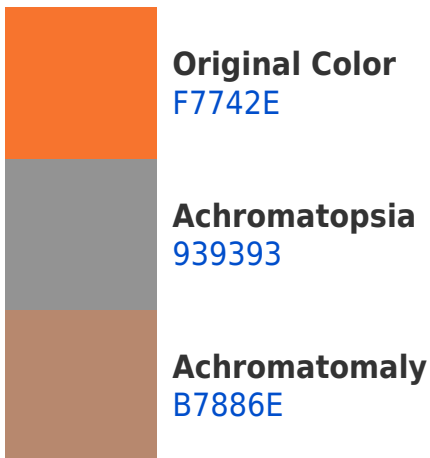


**Tritanopia**  
FA6D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7742E 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 #F7742E looks like.

```
.text, #text, p{  
    color:#F7742E  
}
```

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 #F7742E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7742E
}
```

## Border

The CSS property to change the border of an element to Hex F7742E 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
#F7742E }
```

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

```
.border{ border-color:#F7742E }
```

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

Here you see how a box with a 4 pixel #F7742E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7742E; -webkit-box-shadow:4px 4px  
4px 4px #F7742E; box-shadow:4px 4px 4px  
4px #F7742E }
```

# Background

The CSS property to change the background color of an element to Hex F7742E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7742E }
```

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

```
.background{ background-color:#F7742E }
```

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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