

Converting Colors

Hex(FE783E)

Have a look what the booklet for
Hex(FE783E) contains.

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Color

Hex(FE783E)

Conversions

Conversions Part 1

Format	Color
Hex	FE783E
RGB	254, 120, 62
RGB Percent	100%, 47%, 24%
CMY	0.0039, 0.5294, 0.7569
CMYK	0.00, 0.53, 0.76, 0.00
HSL	18°, 99%, 62%
HSV	18°, 76%, 100%
XYZ	48.4590, 34.8516, 8.7304
YIQ	153.4540, 98.4820, 10.3700

Conversions

Conversions Part 2

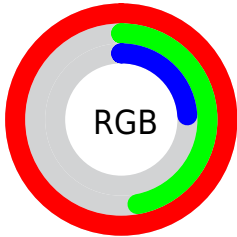
Format	Color
RYB	254, 145, 62
Decimal	16676926
CIELab	65.63, 47.57, 54.50
CIELCh	66, 72.344, 48.885
Yxy	34.8516, 0.5265, 0.3787
Android (android.graphics.Color)	4294867006 (0xFFFE783E)
YUV	153.4540, -45.0868, 88.1788
Hunter-Lab	59.0352, 43.2100, 32.5566

Details

The Hex color **FE783E** 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 **3EC4FE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFAF71**, and **BE4308** is the 20% darker color. If you saturate the color by 10%, you get **FE6625**, and if you desaturate by 10%, it is **FE8A57**.

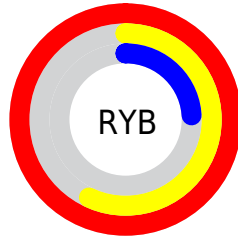
Distribution



Red (100%)

Green (47%)

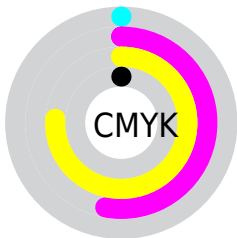
Blue (24%)



Red (100%)

Yellow (57%)

Blue (24%)

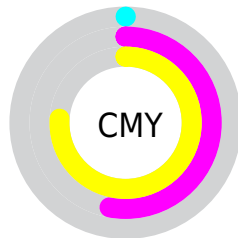


Cyan (0%)

Magenta (53%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE783E 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 FE783E by changing the saturation by 10% instead.

 FE783E

 FE783E

FFFFFF

 DE5D25

 FFAF71

 BE4308

 FFCB8B

 9F2700

 FFE8A6

 800200

 FFFFC2

 620000

 FFFFDE

 450000

 FFFFFB

 2A0001

 000000

 FE783E

 FE783E

■ FE6625

■ FE8A57

■ FE550B

■ FE9B71

■ FE4D00

■ FEAD8A

■ FEBFA4

■ FED1BD

■ FEE2D6

■ FEF4F0

FEFFFF

Harmonies

Analogous

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



FF6079



FE783E



D29400

Triad

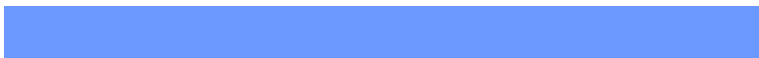
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FE783E



00BC84



6A98FF

Complementary

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



FE783E



3EC4FE

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



FE783E



00BDC8

Square

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



FE783E



44B543



00BAFF



D57BF6

Rectangle

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



FE783E



ADA300



00BAFF



00A1FF

Sweetspot

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



FE783E



FFD6C4



FE3EC4



80675C



000000



808080

Same Dimension

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



FE783E



FF5D17



FED83E



807773



BF3A00



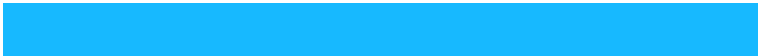
401300

Inverse Universe

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



3EC4FE



17B9FF



3E64FE



737C80



0085BF



002C40

Previews

White Background



This preview shows how the Hex color FE783E looks on a white background.

Color Contrast Check

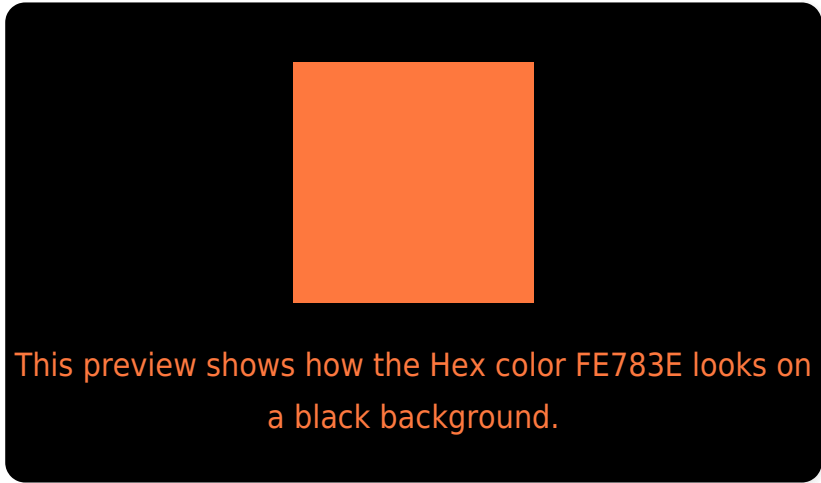
Large Text (above 18pt) WCAG AA × Fail

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 FE783E Background



This preview shows how black text looks on a background with the Hex color FE783E.

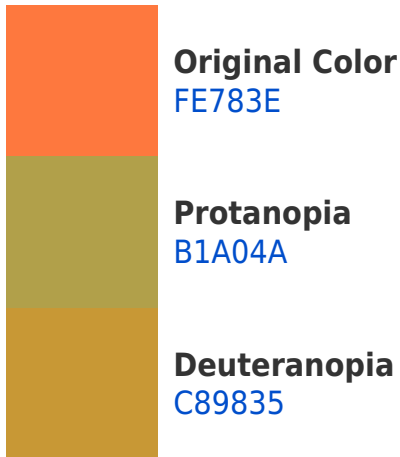


This preview shows how white text looks on a background with the Hex color FE783E.

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
FF737A

Trichromacy



Original Color
FE783E

Protanomaly
CD9146

Deuteranomaly
DC8C38

Tritanomaly
FF7564

Monochromacy



Original Color
FE783E

Achromatopsia
999999

Achromatomaly
BE8D78

CSS Examples

Text

The CSS property to change the color of the text to Hex FE783E 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 #FE783E looks like.

```
.text, #text, p{  
    color:#FE783E  
}
```

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 #FE783E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE783E
}
```

Border

The CSS property to change the border of an element to Hex FE783E 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
#FE783E }
```

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

```
.border{ border-color:#FE783E }
```

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

Here you see how a box with a 4 pixel #FE783E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE783E; -webkit-box-shadow:4px 4px  
4px 4px #FE783E; box-shadow:4px 4px 4px  
4px #FE783E }
```

Background

The CSS property to change the background color of an element to Hex FE783E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE783E }
```

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

```
.background{ background-color:#FE783E }
```

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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