

# Converting Colors

Hex(F7873E)

Have a look what the booklet for  
Hex(F7873E) contains.

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**Color**

**Hex(F7873E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7873E
RGB	247, 135, 62
RGB Percent	97%, 53%, 24%
CMY	0.0314, 0.4706, 0.7569
CMYK	0.00, 0.45, 0.75, 0.03
HSL	24°, 92%, 61%
HSV	24°, 75%, 97%
XYZ	47.8912, 37.4499, 9.2618
YIQ	160.1660, 90.1850, 1.0410

# Conversions

## Conversions Part 2

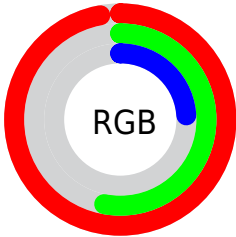
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 183, 62
Decimal	16222014
CIE <sub>Lab</sub>	67.61, 37.47, 56.20
CIE <sub>LCh</sub>	68, 67.548, 56.309
Yxy	37.4499, 0.5062, 0.3959
Android (android.graphics.Color)	4294412094 (0xFFFF7873E)
YUV	160.1660, -48.3958, 76.1534
Hunter-Lab	61.1963, 32.5976, 33.8641

# Details

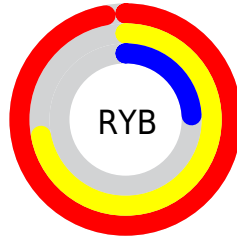
The Hex color **F7873E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3EAEF7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBD72**, and **B85304** is the 20% darker color. If you saturate the color by 10%, you get **F77825**, and if you desaturate by 10%, it is **F79657**.

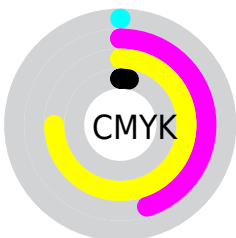
# Distribution



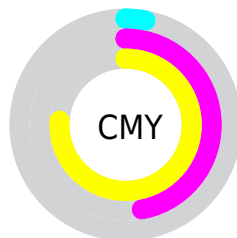
- Red (97%)
- Green (53%)
- Blue (24%)



- Red (97%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (3%)



- Cyan (3%)
- Magenta (47%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7873E 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 F7873E by changing the saturation by 10% instead.



 F7873E

 F7873E

FFFFFF

 D86D24

 FFBD72

 B85304

 FFDA8C

 9A3A00

 FFF6A7

 7C2100

 FFFFC3

 5E0300

 FFFFDF

 410000

FFFFFFD

 280001

 000000

 F7873E

 F7873E

 F77825

 F79657

 F7690D

 F7A56F

 F76100

 F7B488

 F7C3A1

 F7D2BA

 F7E1D2

 F7F0EB

 F7FFFF

# Harmonies

## Analogous

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



FF7072



F7873E



CA9F18

# Triad

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



F7873E



00C19B



9798FF

# Complementary

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



F7873E



3EAEF7

# 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



F7873E



00C1D9

# Square

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



F7873E



35BC5D



00BBFF



E77DE9

# Rectangle

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



F7873E



A4AC1D



00BBFF



6CA0FF



# Sweetspot

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



F7873E



FFDDC7



F73EB0



806B5E



000000



808080



# Same Dimension

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



F7873E



FF7419



F7E13E



7A736E



BA4900



3B1700



# Inverse Universe

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



3EAEF7



19A4FF



3E54F7



6E767A



0071BA



00243B



# Previews

## White Background



This preview shows how the Hex color F7873E looks on a white background.

## Color Contrast Check

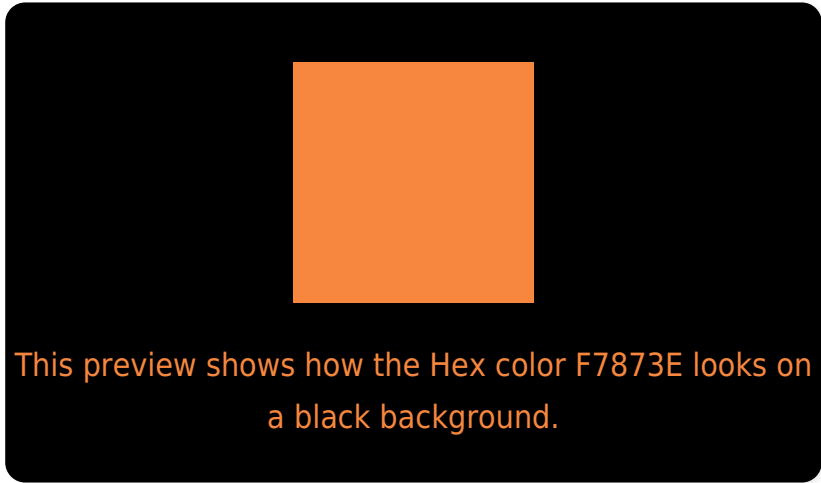
Large Text (above 18pt) WCAG AA × Fail

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 F7873E Background



This preview shows how black text looks on a background with the Hex color F7873E.



This preview shows how white text looks on a background with the Hex color F7873E.

# 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**  
F7873E

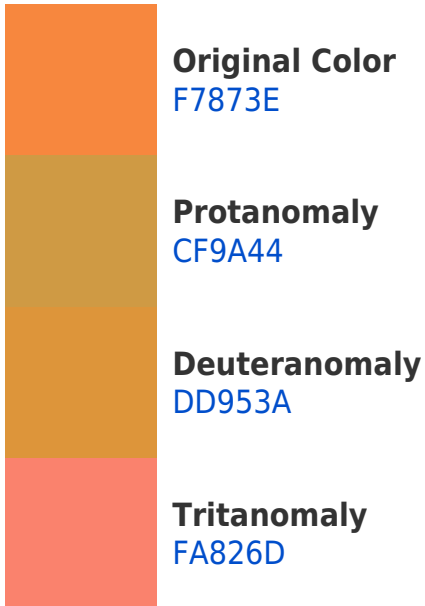
**Protanopia**  
B8A547

**Deuteranopia**  
CE9D38

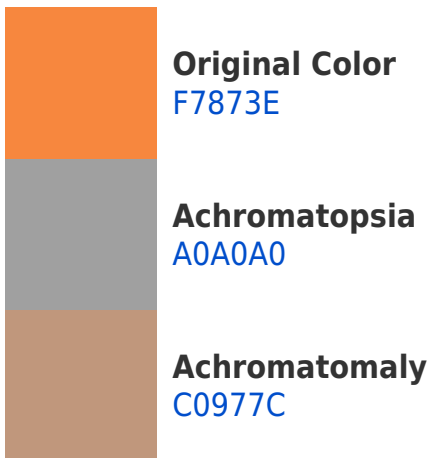


**Tritanopia**  
FB7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7873E 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 #F7873E looks like.

```
.text, #text, p{  
    color:#F7873E  
}
```

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 #F7873E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7873E
}
```

## Border

The CSS property to change the border of an element to Hex F7873E 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
#F7873E }
```

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

```
.border{ border-color:#F7873E }
```

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

Here you see how a box with a 4 pixel #F7873E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7873E; -webkit-box-shadow:4px 4px  
4px 4px #F7873E; box-shadow:4px 4px 4px  
4px #F7873E }
```

# Background

The CSS property to change the background color of an element to Hex F7873E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7873E }
```

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

```
.background{ background-color:#F7873E }
```

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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