

# Converting Colors

Hex(FE784C)

Have a look what the booklet for  
Hex(FE784C) contains.

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# **Color**

**Hex(FE784C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE784C
RGB	254, 120, 76
RGB Percent	100%, 47%, 30%
CMY	0.0039, 0.5294, 0.7020
CMYK	0.00, 0.53, 0.70, 0.00
HSL	15°, 99%, 65%
HSV	15°, 70%, 100%
XYZ	48.8940, 35.0256, 11.0211
YIQ	155.0500, 93.9880, 14.7240

# Conversions

## Conversions Part 2

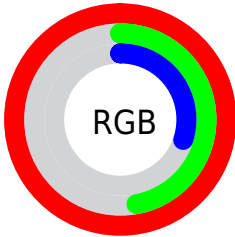
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 134, 76
Decimal	16676940
CIELab	65.77, 48.18, 47.77
CIELCh	66, 67.848, 44.758
Yxy	35.0256, 0.5150, 0.3689
Android (android.graphics.Color)	4294867020 (0xFFFE784C)
YUV	155.0500, -38.9716, 86.7792
Hunter-Lab	59.1824, 43.9000, 30.3866

# Details

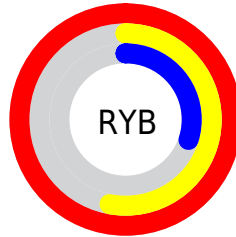
The Hex color **FE784C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4CD2FE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAF7F**, and **BF431C** is the 20% darker color. If you saturate the color by 10%, you get **FE6533**, and if you desaturate by 10%, it is **FE8B65**.

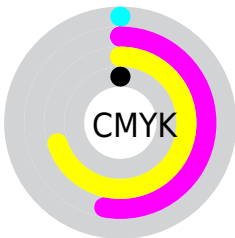
# Distribution



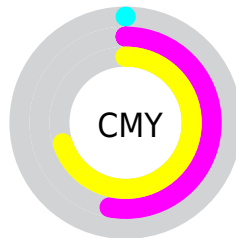
- Red (100%)
- Green (47%)
- Blue (30%)



- Red (100%)
- Yellow (53%)
- Blue (30%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE784C 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 FE784C by changing the saturation by 10% instead.



 FE784C

 FE784C

FFFFFF

 DE5D34


 FFAF7F

 BF431C

 FFCB99

 A02702

 FFE8B4

 810000

 FFFF00

 630000

 FFFF00

 460000

 2B0001

 000000

 FE784C

 FE784C

■ FE6533

■ FE8B65

■ FE5219

■ FE9E7F

■ FE3F00

■ FEB198

■ FEC4B2

■ FED8CB

■ FEEBE4

FEFEFE

FEFFFF

# Harmonies

## Analogous

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



FF6584



FE784C



D8921D

# Triad

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



FE784C



00BA7E



5D9CFF

# Complementary

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



FE784C



4CD2FE

# 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



FE784C



00BCBD

# Square

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



FE784C



5BB343



00B9F4



C982F7

# Rectangle

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



FE784C



B5A00A



00B9F4



00A4FF

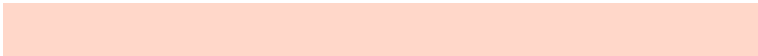


# Sweetspot

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



FE784C



FFD7C9



FE4CD4



806860



000000



808080



# Same Dimension

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



FE784C



FF5E29



FECF4C



807673



BF2F00



401000

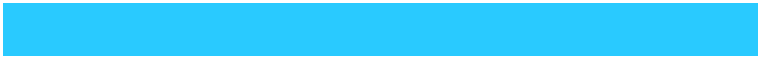


# Inverse Universe

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



4CD2FE



29CAFF



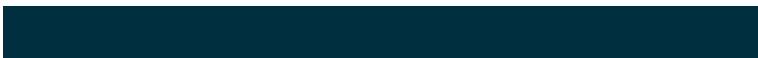
4C7BFE



737C80



0090BF



003040



# Previews

## White Background



This preview shows how the Hex color FE784C looks on a white background.

## Color Contrast Check

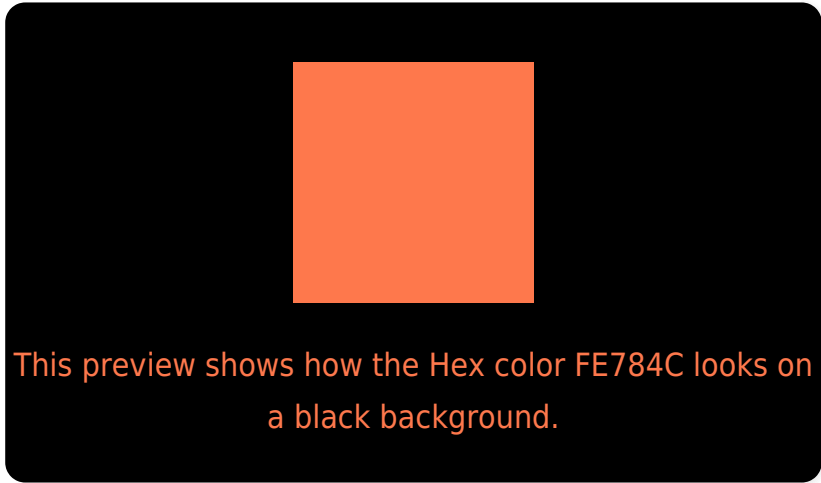
Large Text (above 18pt) WCAG AA × Fail

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 FE784C Background



This preview shows how black text looks on a background with the Hex color FE784C.

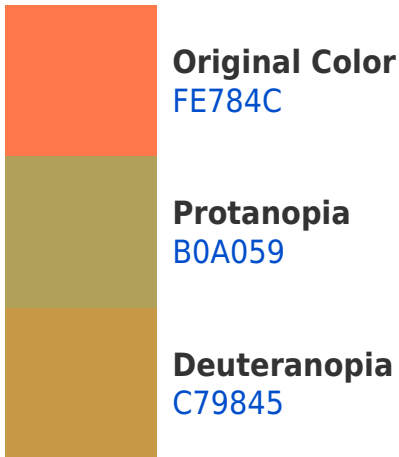


This preview shows how white text looks on a background with the Hex color FE784C.

# 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**  
FF737B

# Trichromacy



**Original Color**  
FE784C

**Protanomaly**  
CC9154

**Deuteranomaly**  
DB8C48

**Tritanomaly**  
FF756A

# Monochromacy



**Original Color**  
FE784C

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
BF8E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE784C 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 #FE784C looks like.

```
.text, #text, p{  
    color:#FE784C  
}
```

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 #FE784C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE784C
}
```

## Border

The CSS property to change the border of an element to Hex FE784C 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
#FE784C }
```

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

```
.border{ border-color:#FE784C }
```

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

Here you see how a box with a 4 pixel #FE784C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE784C; -webkit-box-shadow:4px 4px  
4px 4px #FE784C; box-shadow:4px 4px 4px  
4px #FE784C }
```

# Background

The CSS property to change the background color of an element to Hex FE784C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE784C }
```

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

```
.background{ background-color:#FE784C }
```

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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