

Converting Colors

Hex(F97E50)

Have a look what the booklet for
Hex(F97E50) contains.

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Color

Hex(F97E50)

Conversions

Conversions Part 1

Format	Color
Hex	F97E50
RGB	249, 126, 80
RGB Percent	98%, 49%, 31%
CMY	0.0235, 0.5059, 0.6863
CMYK	0.00, 0.49, 0.68, 0.02
HSL	16°, 93%, 65%
HSV	16°, 68%, 98%
XYZ	47.9757, 35.6406, 11.9401
YIQ	157.5330, 88.0740, 11.7700

Conversions

Conversions Part 2

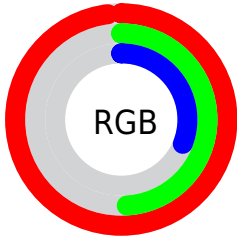
Format	Color
R _Y B	249, 143, 80
Decimal	16350800
CIE Lab	66.24, 43.60, 46.07
CIE LCh	66, 63.433, 46.576
Yxy	35.6406, 0.5021, 0.3730
Android (android.graphics.Color)	4294540880 (0xFFFF97E50)
YUV	157.5330, -38.2238, 80.2166
Hunter-Lab	59.6998, 38.9710, 29.9317

Details

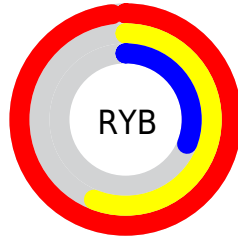
The Hex color **F97E50** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **50CBF9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB583**, and **BB4A20** is the 20% darker color. If you saturate the color by 10%, you get **F96C37**, and if you desaturate by 10%, it is **F99069**.

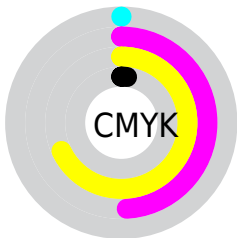
Distribution



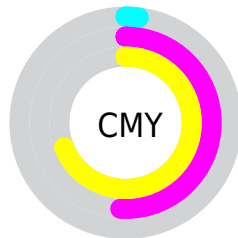
- Red (98%)
- Green (49%)
- Blue (31%)



- Red (98%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F97E50 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 F97E50 by changing the saturation by 10% instead.

 F97E50

 F97E50

FFFFFF

 DA6438

 FFB583

 BB4A20

 FFD19D

 9C2F06

 FFEEB9

 7E1200

 FFFFD5

 600000

 FFFFF1

 430000

 280001

 000000

 F97E50

 F97E50

 F96C37

 F99069

 F95A1E

 F9A282

 F94805

 F9B49B

 F94400

 F9C6B4

 F9D9CC

 F9EBE5

 F9FDFE

 F9FFFF

Harmonies

Analogous

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



FF6D84



F97E50



D49529

Triad

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



F97E50



00BB85



709CFF

Complementary

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



F97E50



50CBF9

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



F97E50



00BCC0

Square

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



F97E50



5EB44E



00B9F3



CC84F0

Rectangle

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



F97E50



B3A221



00B9F3



35A3FF

Sweetspot

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



F97E50



FFDACC



F950CC



806961



000000



808080

Same Dimension

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



F97E50



FF6930



F9D250



7D7470



BD3300



3D1100

Inverse Universe

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



50CBF9



30C7FF



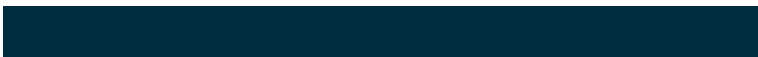
5077F9



707A7D



0089BD



002D3D

Previews

White Background



This preview shows how the Hex color F97E50 looks on a white background.

Color Contrast Check

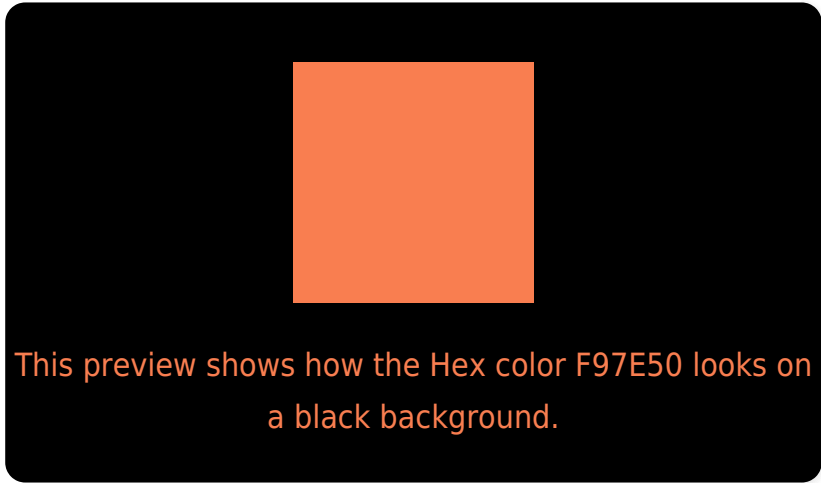
Large Text (above 18pt) WCAG AA × Fail

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 F97E50 Background



This preview shows how black text looks on a background with the Hex color F97E50.

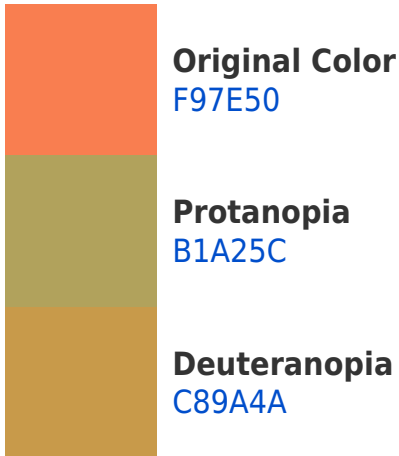


This preview shows how white text looks on a background with the Hex color F97E50.

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
FC7880

Trichromacy



Original Color
F97E50



Protanomaly
CB9558



Deuteranomaly
DA904C



Tritanomaly
FB7A6F

Monochromacy



Original Color
F97E50



Achromatopsia
9E9E9E



Achromatomaly
BF9282

CSS Examples

Text

The CSS property to change the color of the text to Hex F97E50 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 #F97E50 looks like.

```
.text, #text, p{  
    color:#F97E50  
}
```

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 #F97E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97E50
}
```

Border

The CSS property to change the border of an element to Hex F97E50 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
#F97E50 }
```

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

```
.border{ border-color:#F97E50 }
```

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

Here you see how a box with a 4 pixel #F97E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97E50; -webkit-box-shadow:4px 4px  
4px 4px #F97E50; box-shadow:4px 4px 4px  
4px #F97E50 }
```

Background

The CSS property to change the background color of an element to Hex F97E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97E50 }
```

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

```
.background{ background-color:#F97E50 }
```

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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