

Converting Colors

Hex(F97B2E)

Have a look what the booklet for
Hex(F97B2E) contains.

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Color

Hex(F97B2E)

Conversions

Conversions Part 1

Format	Color
Hex	F97B2E
RGB	249, 123, 46
RGB Percent	98%, 48%, 18%
CMY	0.0235, 0.5176, 0.8196
CMYK	0.00, 0.51, 0.82, 0.02
HSL	23°, 94%, 58%
HSV	23°, 82%, 98%
XYZ	46.6430, 34.5029, 6.7861
YIQ	151.8960, 99.8130, 2.7650

Conversions

Conversions Part 2

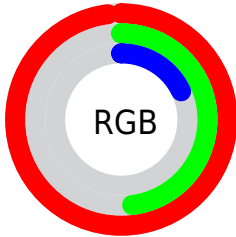
Format	Color
R _Y B	249, 170, 46
Decimal	16349998
CIE Lab	65.36, 43.70, 60.98
CIE LCh	65, 75.019, 54.376
Yxy	34.5029, 0.5304, 0.3924
Android (android.graphics.Color)	4294540078 (0xFFFF97B2E)
YUV	151.8960, -52.2067, 85.1602
Hunter-Lab	58.7392, 38.9479, 34.2677

Details

The Hex color **F97B2E** 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 **2EACF9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB162**, and **B94700** is the 20% darker color. If you saturate the color by 10%, you get **F96C15**, and if you desaturate by 10%, it is **F98A47**.

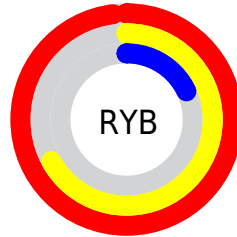
Distribution



Red (98%)

Green (48%)

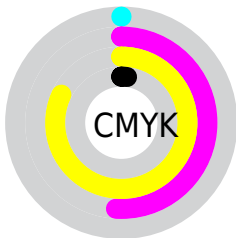
Blue (18%)



Red (98%)

Yellow (67%)

Blue (18%)

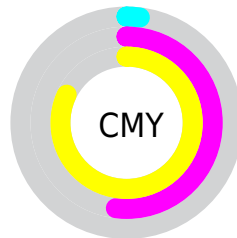


Cyan (0%)

Magenta (51%)

Yellow (82%)

Black (2%)



Cyan (2%)

Magenta (52%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color F97B2E 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 F97B2E by changing the saturation by 10% instead.

 F97B2E

 F97B2E

FFFFFF

 D96110

 FFB162

 B94700

 FFCE7D

 9B2C00

 FFEA98

 7C0E00

 FFFFB3

 5D0000

 FFFFCE

 410000

 FFFFEC

 250001

 000000

 F97B2E

 F97B2E

 F96C15

 F98A47

 F95E00

 F99A60

 F9A979

 F9B992

 F9C8AB

 F9D8C3

 F9E7DC

 F9F7F5

 F9FFFF

Harmonies

Analogous

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



FF5E6C



F97B2E



C99700

Triad

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



F97B2E



00BC8F



8292FF

Complementary

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



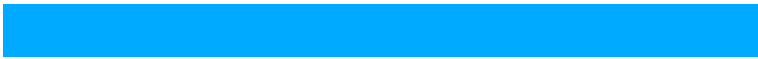
F97B2E



2EACF9

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.



00ABFF



F97B2E



00BDD4

Square

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



F97B2E



15B74B



00B8FF



E372EE

Rectangle

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



F97B2E



A0A600



00B8FF



439CFF

Sweetspot

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



F97B2E



FFD9C2



F92EAF



80695B



000000



808080

Same Dimension

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



F97B2E



FF6405



F9DE2E



7D7570



BD4800



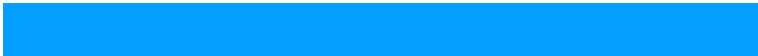
3D1700

Inverse Universe

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



2EACF9



05A0FF



2E49F9



70787D



0075BD



00263D

Previews

White Background



This preview shows how the Hex color F97B2E looks on a white background.

Color Contrast Check

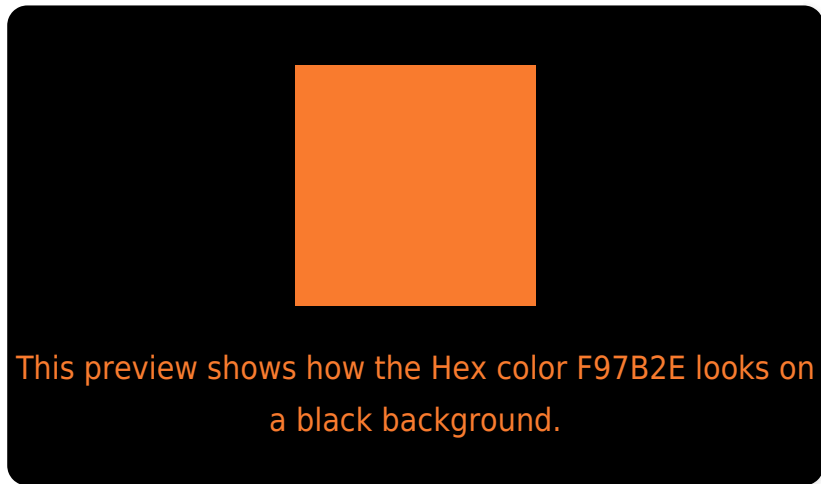
Large Text (above 18pt) WCAG AA × Fail

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 F97B2E Background



This preview shows how black text looks on a background with the Hex color F97B2E.



This preview shows how white text looks on a background with the Hex color F97B2E.

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](#).

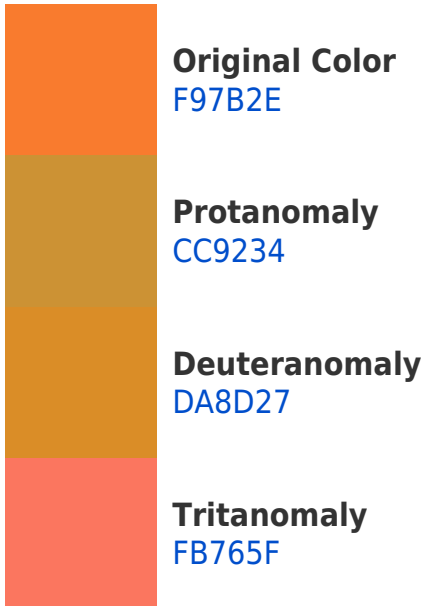
Dichromacy





Tritanopia
FC737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F97B2E 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 #F97B2E looks like.

```
.text, #text, p{  
    color:#F97B2E  
}
```

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 #F97B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97B2E
}
```

Border

The CSS property to change the border of an element to Hex F97B2E 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
#F97B2E }
```

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

```
.border{ border-color:#F97B2E }
```

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

Here you see how a box with a 4 pixel #F97B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97B2E; -webkit-box-shadow:4px 4px  
4px 4px #F97B2E; box-shadow:4px 4px 4px  
4px #F97B2E }
```

Background

The CSS property to change the background color of an element to Hex F97B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97B2E }
```

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

```
.background{ background-color:#F97B2E }
```

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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