

Converting Colors

Hex(F87E3A)

Have a look what the booklet for
Hex(F87E3A) contains.

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Color

Hex(F87E3A)

Conversions

Conversions Part 1

Format	Color
Hex	F87E3A
RGB	248, 126, 58
RGB Percent	97%, 49%, 23%
CMY	0.0275, 0.5059, 0.7725
CMYK	0.00, 0.49, 0.77, 0.03
HSL	21°, 93%, 60%
HSV	21°, 77%, 97%
XYZ	46.9360, 35.1837, 8.3203
YIQ	154.7260, 94.5400, 4.7160

Conversions

Conversions Part 2

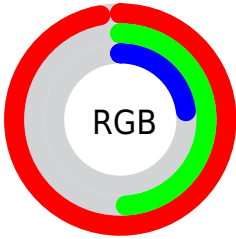
Format	Color
R _Y B	248, 164, 58
Decimal	16285242
CIE Lab	65.89, 42.23, 56.32
CIE LCh	66, 70.394, 53.139
Yxy	35.1837, 0.5190, 0.3890
Android (android.graphics.Color)	4294475322 (0xFFFF87E3A)
YUV	154.7260, -47.6859, 81.8013
Hunter-Lab	59.3158, 37.4425, 33.2044

Details

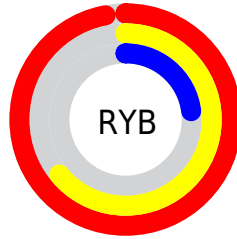
The Hex color **F87E3A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3AB4F8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB46D**, and **B94A00** is the 20% darker color. If you saturate the color by 10%, you get **F86E21**, and if you desaturate by 10%, it is **F88E53**.

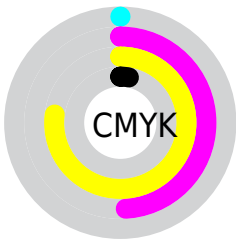
Distribution



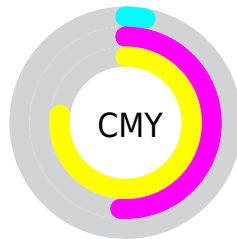
- Red (97%)
- Green (49%)
- Blue (23%)



- Red (97%)
- Yellow (64%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (51%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F87E3A 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 F87E3A by changing the saturation by 10% instead.

 F87E3A

 F87E3A

FFFFFF

 D86420

 FFB46D

 B94A00

 FFD188

 9A3000

 FFEDA3

 7C1400

 FFFFBE

 5E0000

 FFFFDB

 410000

 FFFFF8

 260001

 000000

 F87E3A

 F87E3A

 F86E21

 F88E53

 F85E08

 F89E6C

 F85900

 F8AE84

 F8BE9D

 F8CEB6

 F8DEC F

 F8EDE8

 F8FDFF

 F8FFFF

Harmonies

Analogous

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



FF6572



F87E3A



CB9801

Triad

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



F87E3A



00BD8F



8396FF

Complementary

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



F87E3A



3AB4F8

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.



00ACFF



F87E3A



00BDD0

Square

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



F87E3A



36B74F



00B9FF



DE79ED

Rectangle

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



F87E3A



A5A600



00B9FF



4B9EFF

Sweetspot

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



F87E3A



FFD9C4



F83AB5



80695C



000000



808080

Same Dimension

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



F87E3A



FF6814



F8DB3A



7D7570



BD4400



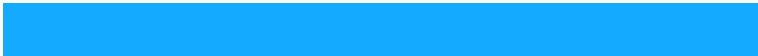
3D1600

Inverse Universe

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



3AB4F8



14ABFF



3A56F8



70787D



0079BD



00273D

Previews

White Background



This preview shows how the Hex color F87E3A looks on a white background.

Color Contrast Check

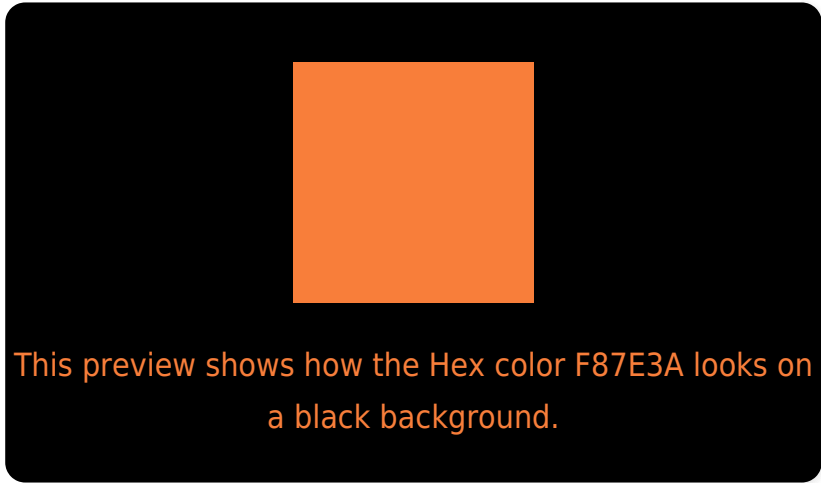
Large Text (above 18pt) WCAG AA × Fail

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 F87E3A Background



This preview shows how black text looks on a background with the Hex color F87E3A.



This preview shows how white text looks on a background with the Hex color F87E3A.

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
F87E3A

Protanopia
B3A144

Deuteranopia
C99832



Tritanopia
FB777F

Trichromacy



Original Color
F87E3A

Protanomaly
CC9440

Deuteranomaly
DA8F35

Tritanomaly
FA7A66

Monochromacy



Original Color
F87E3A

Achromatopsia
9B9B9B

Achromatomaly
BD9078

CSS Examples

Text

The CSS property to change the color of the text to Hex F87E3A 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 #F87E3A looks like.

```
.text, #text, p{  
    color:#F87E3A  
}
```

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 #F87E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F87E3A
}
```

Border

The CSS property to change the border of an element to Hex F87E3A 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
#F87E3A }
```

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

```
.border{ border-color:#F87E3A }
```

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

Here you see how a box with a 4 pixel #F87E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F87E3A; -webkit-box-shadow:4px 4px  
4px 4px #F87E3A; box-shadow:4px 4px 4px  
4px #F87E3A }
```

Background

The CSS property to change the background color of an element to Hex F87E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F87E3A }
```

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

```
.background{ background-color:#F87E3A }
```

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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