

Converting Colors

Hex(FF844E)

Have a look what the booklet for
Hex(FF844E) contains.

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Color

Hex(F844E)

Conversions

Conversions Part 1

Format	Color
Hex	FF844E
RGB	255, 132, 78
RGB Percent	100%, 52%, 31%
CMY	0.0000, 0.4824, 0.6941
CMYK	0.00, 0.48, 0.69, 0.00
HSL	18°, 100%, 65%
HSV	18°, 69%, 100%
XYZ	50.8664, 38.3126, 11.9218
YIQ	162.6210, 90.6420, 9.2820

Conversions

Conversions Part 2

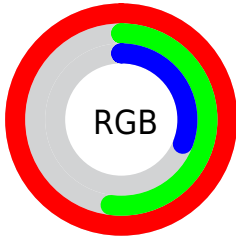
Format	Color
RYB	255, 156, 78
Decimal	16745550
CIELab	68.25, 42.80, 49.58
CIELCh	68, 65.495, 49.199
Yxy	38.3126, 0.5031, 0.3790
Android (android.graphics.Color)	4294935630 (0xFFFF844E)
YUV	162.6210, -41.7182, 81.0164
Hunter-Lab	61.8972, 38.3693, 31.9083

Details

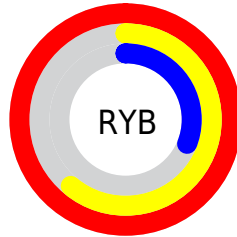
The Hex color **FF844E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4EC9FF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBB81**, and **C0501D** is the 20% darker color. If you saturate the color by 10%, you get **FF7235**, and if you desaturate by 10%, it is **FF9668**.

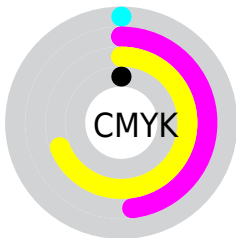
Distribution



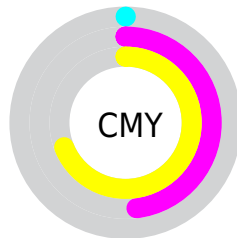
- Red (100%)
- Green (52%)
- Blue (31%)



- Red (100%)
- Yellow (61%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF844E 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 FF844E by changing the saturation by 10% instead.

 FF844E

 FF844E

FFFFFF

 DF6A35

 FFBB81

 C0501D

 FFD79C

 A13601

 FFF4B7

 831A00

 FFFFD3

 650000

 FFFFF0

 480000

 2F0002

 000000

 FF844E

 FF844E

■ FF7235

■ FF9668

■ FF611B

■ FFA781

■ FF4F02

■ FFB99B

■ FF4E00

■ FFCBB4

■ FFDDCE

■ FFEED7

FFFFFF

Harmonies

Analogous

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



FF7183



FF844E



D79C27

Triad

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



FF844E



00C18E



7FA0FF

Complementary

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



FF844E



4EC9FF

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.



00B3FF



FF844E



00C3CC

Square

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



FF844E



58BB54



00BFFF



D986F4

Rectangle

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



FF844E



B4A922



00BFFF



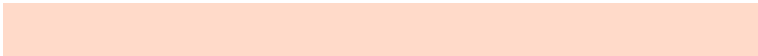
4AA7FF

Sweetspot

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



FF844E



FFDAC9



FF4ECA



806960



000000



808080

Same Dimension

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



FF844E



FF6C2B



FFDC4E



807773



BF3A00



401300

Inverse Universe

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



4EC9FF



2BBEFF



4E71FF



737C80



0085BF



002C40

Previews

White Background



This preview shows how the Hex color FF844E looks on a white background.

Color Contrast Check

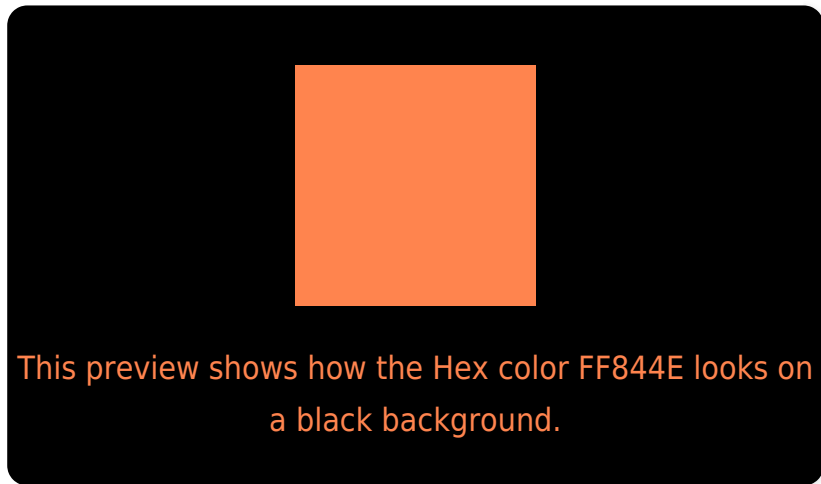
Large Text (above 18pt) WCAG AA × Fail

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 FF844E Background



This preview shows how black text looks on a background with the Hex color FF844E.



This preview shows how white text looks on a background with the Hex color FF844E.

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
FF844E

Protanopia
B8A759

Deuteranopia
CF9F48



Tritanopia
FF7F88

Trichromacy



Original Color
FF844E

Protanomaly
D29A55

Deuteranomaly
E0954A

Tritanomaly
FF8173

Monochromacy



Original Color
FF844E

Achromatopsia
A3A3A3

Achromatomaly
C49884

CSS Examples

Text

The CSS property to change the color of the text to Hex FF844E 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 #FF844E looks like.

```
.text, #text, p{  
    color:#FF844E  
}
```

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 #FF844E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF844E
}
```

Border

The CSS property to change the border of an element to Hex FF844E 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
#FF844E }
```

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

```
.border{ border-color:#FF844E }
```

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

Here you see how a box with a 4 pixel #FF844E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF844E; -webkit-box-shadow:4px 4px  
4px 4px #FF844E; box-shadow:4px 4px 4px  
4px #FF844E }
```

Background

The CSS property to change the background color of an element to Hex FF844E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF844E }
```

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

```
.background{ background-color:#FF844E }
```

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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