

# Converting Colors

Hex(FF843B)

Have a look what the booklet for  
Hex(FF843B) contains.

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**Color**

**Hex(F F 8 4 3 B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FF843B                    |
| RGB         | 255, 132, 59              |
| RGB Percent | 100%, 52%, 23%            |
| CMY         | 0.0000, 0.4824, 0.7686    |
| CMYK        | 0.00, 0.48, 0.77, 0.00    |
| HSL         | 22°, 100%, 62%            |
| HSV         | 22°, 77%, 100%            |
| XYZ         | 50.2807, 38.0783, 8.8374  |
| YIQ         | 160.4550, 96.7410, 3.3730 |

# Conversions

## Conversions Part 2

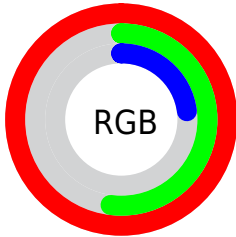
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 175, 59                   |
| Decimal                             | 16745531                       |
| CIE <sub>Lab</sub>                  | 68.08, 41.97, 58.37            |
| CIE <sub>LCh</sub>                  | 68, 71.895, 54.279             |
| Yxy                                 | 38.0783, 0.5173,<br>0.3918     |
| Android<br>(android.graphics.Color) | 4294935611<br>(0xFFFF843B)     |
| YUV                                 | 160.4550, -50.0173,<br>82.9160 |
| Hunter-Lab                          | 61.7076, 37.4573,<br>34.7041   |

# Details

The Hex color **FF843B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3BB6FF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBB6F**, and **C05000** is the 20% darker color. If you saturate the color by 10%, you get **FF7421**, and if you desaturate by 10%, it is **FF9455**.

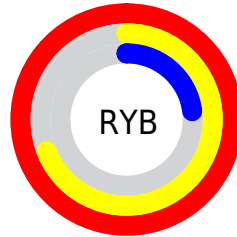
# Distribution



Red (100%)

Green (52%)

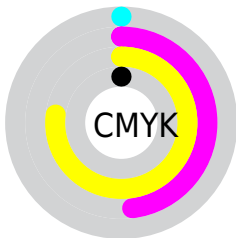
Blue (23%)



Red (100%)

Yellow (69%)

Blue (23%)

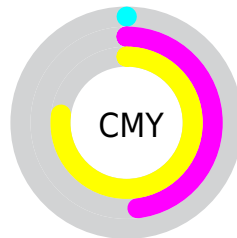


Cyan (0%)

Magenta (48%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF843B 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 FF843B by changing the saturation by 10% instead.



 FF843B

 FF843B

FFFFFF

 DF6A21

 FFBB6F

 C05000

 FFD789

 A13600

 FFF4A4

 821B00

 FFFFC0

 640000

 FFFFDD

 470000

 FFFFFA

 2D0002

 000000

 FF843B

 FF843B

■ FF7421

■ FF9455

■ FF6408

■ FFA46E

■ FF5F00

■ FFB488

■ FFC4A1

■ FFD4BB

■ FFE4D4

■ FFF4EE

FFFFFF

# Harmonies

## Analogous

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



FF6A75



FF843B



D09F02

# Triad

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



FF843B



00C397



8D9AFF

# Complementary

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



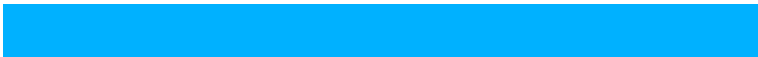
FF843B



3BB6FF

# 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.



00B1FF



FF843B



00C4DA

# Square

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



FF843B



33BE55



00BFFF



E87CF3

# Rectangle

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



FF843B



A9AC03



00BFFF



58A3FF



# Sweetspot

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



FF843B



FFDAC4



FF3BB7



80695C



000000



808080



# Same Dimension

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



FF843B



FF6C14



FFE53B



807773



BF4700



401800



# Inverse Universe

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



3BB6FF



14A8FF



3B55FF



737B80



0078BF



002840



# Previews

## White Background



This preview shows how the Hex color FF843B looks on a white background.

## Color Contrast Check

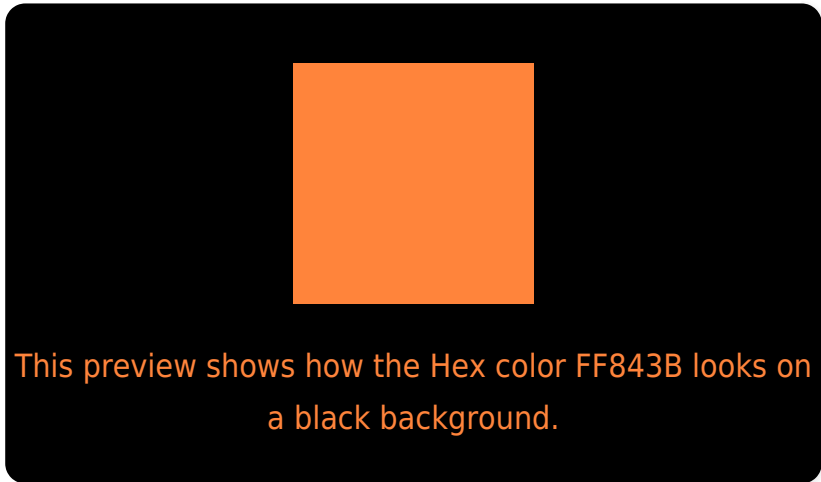
Large Text (above 18pt) WCAG AA × Fail

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 FF843B Background



This preview shows how black text looks on a background with the Hex color FF843B.



This preview shows how white text looks on a background with the Hex color FF843B.

# 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**  
FF843B

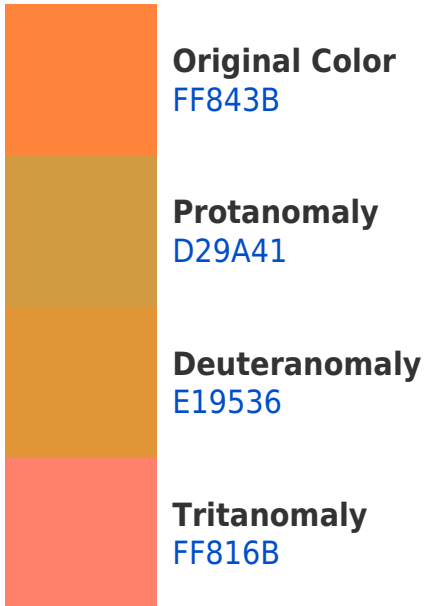
**Protanopia**  
B9A745

**Deuteranopia**  
D09E33

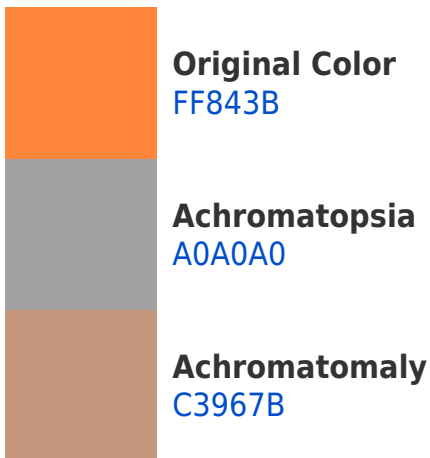


**Tritanopia**  
FF7F87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF843B 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 #FF843B looks like.

```
.text, #text, p{  
    color:#FF843B  
}
```

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 #FF843B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF843B
}
```

## Border

The CSS property to change the border of an element to Hex FF843B 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
#FF843B }
```

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

```
.border{ border-color:#FF843B }
```

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

Here you see how a box with a 4 pixel #FF843B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF843B; -webkit-box-shadow:4px 4px  
4px 4px #FF843B; box-shadow:4px 4px 4px  
4px #FF843B }
```

# Background

The CSS property to change the background color of an element to Hex FF843B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF843B }
```

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

```
.background{ background-color:#FF843B }
```

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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