

Converting Colors

Hex(FE833A)

Have a look what the booklet for
Hex(FE833A) contains.

Hex(FE833A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FE833A)

Conversions

Conversions Part 1

Format	Color
Hex	FE833A
RGB	254, 131, 58
RGB Percent	100%, 51%, 23%
CMY	0.0039, 0.4863, 0.7725
CMYK	0.00, 0.48, 0.77, 0.00
HSL	22°, 99%, 61%
HSV	22°, 77%, 100%
XYZ	49.7531, 37.6089, 8.6400
YIQ	159.4550, 96.7410, 3.3730

Conversions

Conversions Part 2

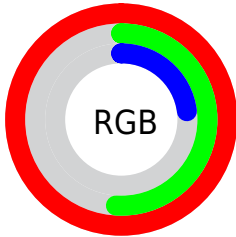
Format	Color
RYB	254, 174, 58
Decimal	16679738
CIELab	67.73, 42.05, 58.42
CIELCh	68, 71.981, 54.254
Yxy	37.6089, 0.5183, 0.3918
Android (android.graphics.Color)	4294869818 (0xFFFE833A)
YUV	159.4550, -50.0173, 82.9160
Hunter-Lab	61.3261, 37.4940, 34.5752

Details

The Hex color **FE833A** 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 **3AB5FE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBA6E**, and **BF4F00** is the 20% darker color. If you saturate the color by 10%, you get **FE7321**, and if you desaturate by 10%, it is **FE9353**.

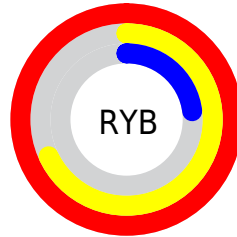
Distribution



Red (100%)

Green (51%)

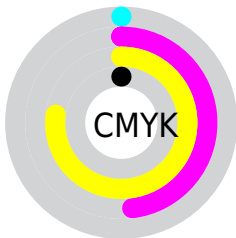
Blue (23%)



Red (100%)

Yellow (68%)

Blue (23%)

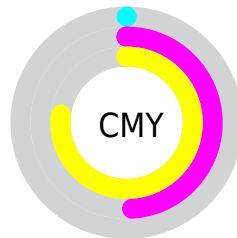


Cyan (0%)

Magenta (48%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE833A 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 FE833A by changing the saturation by 10% instead.

 FE833A

 FE833A

FFFFFF

 DE691F


 FFBA6E

 BF4F00

 FFD688

 A03500

 FFF3A3

 811A00

 FFFFBF

 630000

 FFFFDB

 460000

 FFFFF8

 2C0001

 000000

 FE833A

 FE833A

 FE7321

 FE9353

 FE6307

 FEA36D

 FE5F00

 FEB386

 FEC3A0

 FED3B9

 FEE3D2

 FEF3EC

FEFFFF

Harmonies

Analogous

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



FF6974



FE833A



CF9E00

Triad

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



FE833A



00C296



8C99FF

Complementary

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



FE833A



3AB5FE

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.



00B0FF



FE833A



00C3D9

Square

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



FE833A



31BD54



00BEFF



E77BF2

Rectangle

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



FE833A



A8AC00



00BEFF



56A2FF

Sweetspot

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



FE833A



FFDAC4



FE3AB6



80695C



000000



808080

Same Dimension

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



FE833A



FF6A12



FEE43A



807773



BF4700



401800

Inverse Universe

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



3AB5FE



12A7FF



3A54FE



737B80



0078BF



002840

Previews

White Background



This preview shows how the Hex color FE833A looks on a white background.

Color Contrast Check

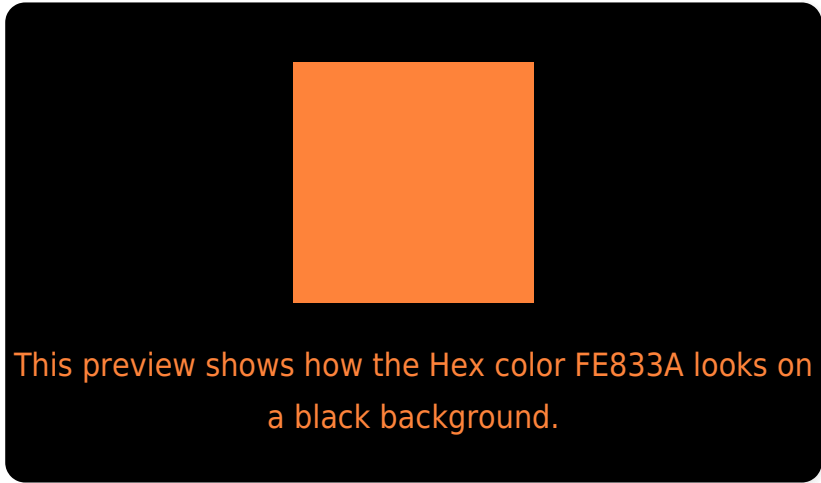
Large Text (above 18pt) WCAG AA × Fail

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 FE833A Background



This preview shows how black text looks on a background with the Hex color FE833A.



This preview shows how white text looks on a background with the Hex color FE833A.

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
FE833A

Protanopia
B8A644

Deuteranopia
CF9D32



Tritanopia
FF7D85

Trichromacy



Original Color
FE833A

Protanomaly
D19940

Deuteranomaly
E09435

Tritanomaly
FF7F6A

Monochromacy



Original Color
FE833A

Achromatopsia
9F9F9F

Achromatomaly
C2957A

CSS Examples

Text

The CSS property to change the color of the text to Hex FE833A 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 #FE833A looks like.

```
.text, #text, p{  
    color:#FE833A  
}
```

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 #FE833A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE833A
}
```

Border

The CSS property to change the border of an element to Hex FE833A 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
#FE833A }
```

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

```
.border{ border-color:#FE833A }
```

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

Here you see how a box with a 4 pixel #FE833A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE833A; -webkit-box-shadow:4px 4px  
4px 4px #FE833A; box-shadow:4px 4px 4px  
4px #FE833A }
```

Background

The CSS property to change the background color of an element to Hex FE833A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE833A }
```

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

```
.background{ background-color:#FE833A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor