

Converting Colors

Hex(FE8433)

Have a look what the booklet for
Hex(FE8433) contains.

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Color

Hex(FE8433)

Conversions

Conversions Part 1

Format	Color
Hex	FE8433
RGB	254, 132, 51
RGB Percent	100%, 52%, 20%
CMY	0.0039, 0.4824, 0.8000
CMYK	0.00, 0.48, 0.80, 0.00
HSL	24°, 99%, 60%
HSV	24°, 80%, 100%
XYZ	49.7219, 37.8124, 7.8099
YIQ	159.2440, 98.7130, 0.6730

Conversions

Conversions Part 2

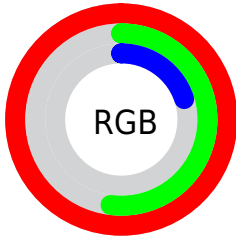
Format	Color
RYB	254, 186, 51
Decimal	16679987
CIELab	67.88, 41.32, 61.53
CIElCh	68, 74.112, 56.117
Yxy	37.8124, 0.5215, 0.3966
Android (android.graphics.Color)	4294870067 (0xFFFE8433)
YUV	159.2440, -53.3643, 83.1010
Hunter-Lab	61.4918, 36.7234, 35.5140

Details

The Hex color **FE8433** 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 **33ADFE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBB67**, and **BE5000** is the 20% darker color. If you saturate the color by 10%, you get **FE751A**, and if you desaturate by 10%, it is **FE934C**.

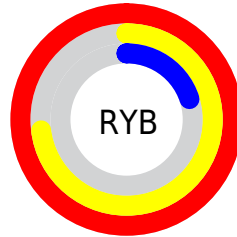
Distribution



Red (100%)

Green (52%)

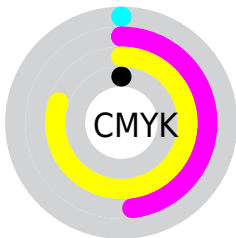
Blue (20%)



Red (100%)

Yellow (73%)

Blue (20%)

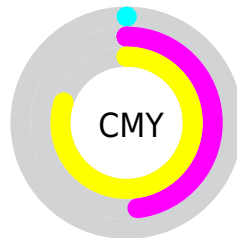


Cyan (0%)

Magenta (48%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE8433 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 FE8433 by changing the saturation by 10% instead.

 FE8433

 FE8433

FFFFFF

 DE6A16

 FFBB67

 BE5000

 FFD782

 9F3600

 FFF49D

 811C00

 FFFFB9

 630000

 FFFF5D

 460000

 FFFFF2

 2C0001

 000000

 FE8433

 FE8433

 FE751A

 FE934C

 FE6500

 FEA366

 FEB27F

 FEC199

 FED0B2

 FEE0CB

 FEEFE5

 FEFEFE

 FEFFFF

Harmonies

Analogous

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



FF686F



FE8433



CD9F00

Triad

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



FE8433



00C49A



9297FF

Complementary

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



FE8433



33ADFE

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



FE8433



00C4DF

Square

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



FE8433



19BE56



00BEFF



ED78F1

Rectangle

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



FE8433



A4AD00



00BEFF



5EA1FF

Sweetspot

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



FE8433



FFDAC2



FE33B0



80695B



000000



808080

Same Dimension

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



FE8433



FF6C0A



FEE633



807873



BF4C00



401900

Inverse Universe

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



33ADFE



0A9DFF



334BFE



737A80



0073BF



002640

Previews

White Background



This preview shows how the Hex color FE8433 looks on a white background.

Color Contrast Check

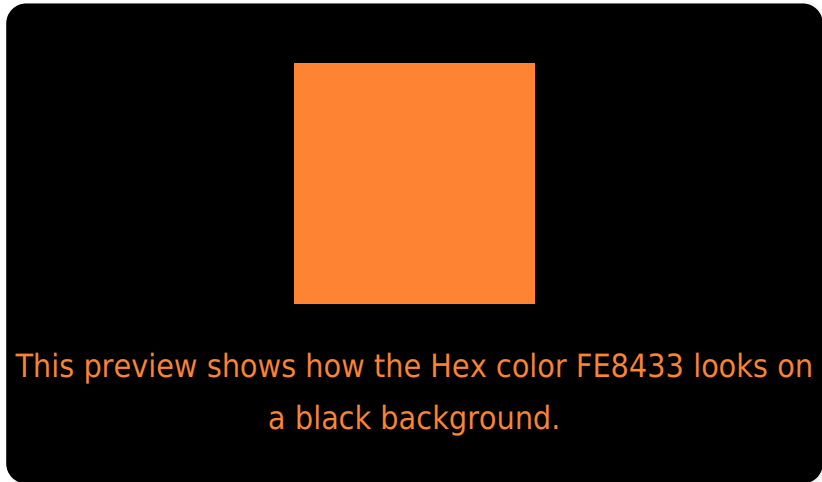
Large Text (above 18pt) WCAG AA × Fail

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 FE8433 Background



This preview shows how black text looks on a background with the Hex color FE8433.



This preview shows how white text looks on a background with the Hex color FE8433.

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
FE8433

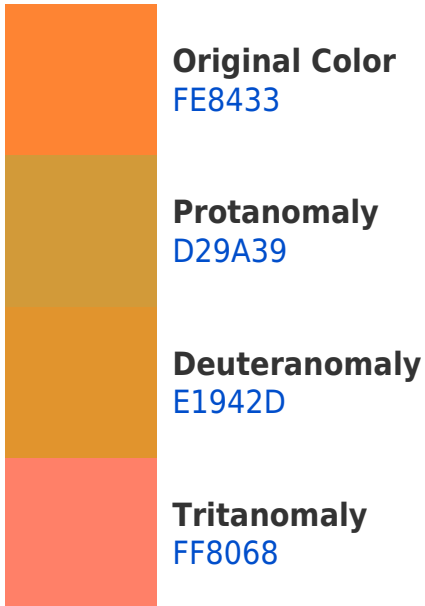
Protanopia
B9A63C

Deuteranopia
D09D2A



Tritanopia
FF7E86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE8433 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 #FE8433 looks like.

```
.text, #text, p{  
    color:#FE8433  
}
```

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 #FE8433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE8433
}
```

Border

The CSS property to change the border of an element to Hex FE8433 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
#FE8433 }
```

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

```
.border{ border-color:#FE8433 }
```

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

Here you see how a box with a 4 pixel #FE8433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE8433; -webkit-box-shadow:4px 4px  
4px 4px #FE8433; box-shadow:4px 4px 4px  
4px #FE8433 }
```

Background

The CSS property to change the background color of an element to Hex FE8433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE8433 }
```

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

```
.background{ background-color:#FE8433 }
```

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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