

Converting Colors

Hex(F33800)

Have a look what the booklet for
Hex(F33800) contains.

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Color

Hex(F33800)

Conversions

Conversions Part 1

Format	Color
Hex	F33800
RGB	243, 56, 0
RGB Percent	95%, 22%, 0%
CMY	0.0471, 0.7804, 1.0000
CMYK	0.00, 0.77, 1.00, 0.05
HSL	14°, 100%, 48%
HSV	14°, 100%, 95%
XYZ	38.3763, 21.8830, 2.2012
YIQ	105.5290, 129.4280, 22.2280

Conversions

Conversions Part 2

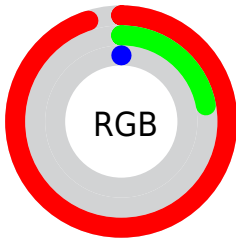
Format	Color
RYB	243, 73, 0
Decimal	15939584
CIELab	53.90, 68.25, 66.04
CIElCh	54, 94.969, 44.057
Yxy	21.8830, 0.6144, 0.3503
Android (android.graphics.Color)	4294129664 (0xFFFF33800)
YUV	105.5290, -52.0258, 120.5621
Hunter-Lab	46.7793, 64.5722, 29.9556

Details

The Hex color **F33800** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00BBF3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF763D**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F33800**, and if you desaturate by 10%, it is **F34B18**.

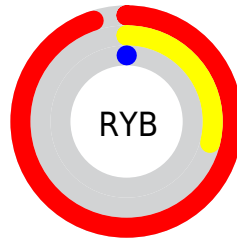
Distribution



Red (95%)

Green (22%)

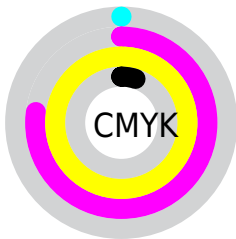
Blue (0%)



Red (95%)

Yellow (29%)

Blue (0%)

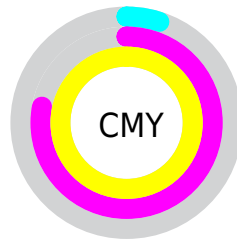


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33800 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 F33800 by changing the saturation by 10% instead.

 F33800

 F33800

FFFFFFC

 D20800

 FF763D

 B10000

 FF9357

 900000

 FFB071

 700000

 FFCD8B

 520002

 FFEBA7

 330002

 FFFFC3

 000000

 FFFFDF

 F33800

 F34B18

 F35D31

 F37049

 F38361

 F39579

 F3A892

 F3BBAA

 F3CEC2

 F3E0DB

Harmonies

Analogous

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



FF005F



F33800



C06D00

Triad

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



F33800



009F50



007FFF

Complementary

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



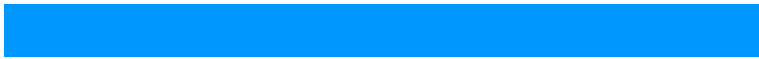
F33800



00BBF3

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.



0097FF



F33800



00A2A7

Square

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



F33800



009800



00A0F3



AF51F9

Rectangle

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



F33800



938200



00A0F3



0089FF

Sweetspot

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



F33800



FFC4B3



F300BE



805C52



000000



808080

Same Dimension

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



F33800



FF3B00



F3AE00



7A716E



BA2B00



3B0E00

Inverse Universe

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



00BBF3



00C4FF



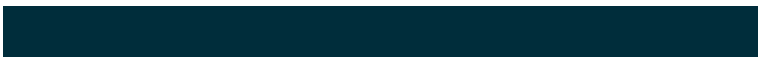
0045F3



6E787A



008FBA



002D3B

Previews

White Background



This preview shows how the Hex color F33800 looks on a white background.

Color Contrast Check

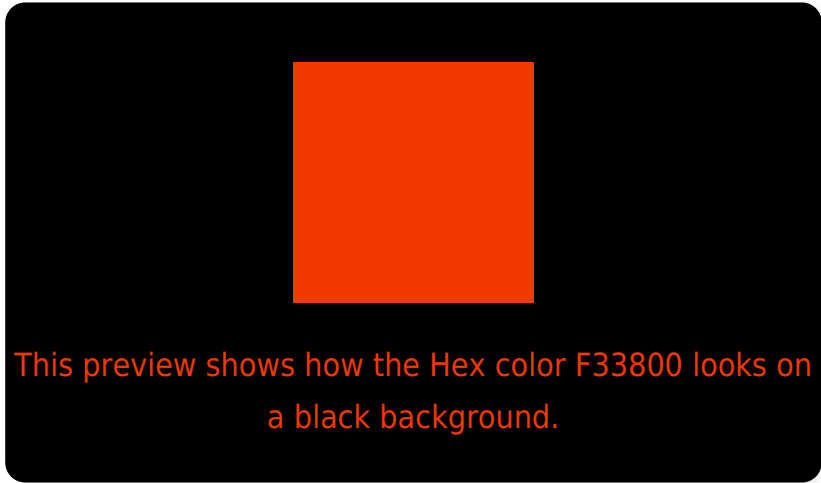
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F33800 Background



This preview shows how black text looks on a background with the Hex color F33800.



This preview shows how white text looks on a background with the Hex color F33800.

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
F33800

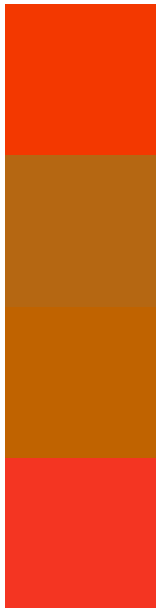
Protanopia
92821C

Deuteranopia
A37B00



Tritanopia
F43435

Trichromacy



Original Color
F33800

Protanomaly
B56712

Deuteranomaly
C06300

Tritanomaly
F43522

Monochromacy



Original Color
F33800

Achromatopsia
6A6A6A

Achromatomaly
9C5843

CSS Examples

Text

The CSS property to change the color of the text to Hex F33800 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 #F33800 looks like.

```
.text, #text, p{  
    color:#F33800  
}
```

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 #F33800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33800
}
```

Border

The CSS property to change the border of an element to Hex F33800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

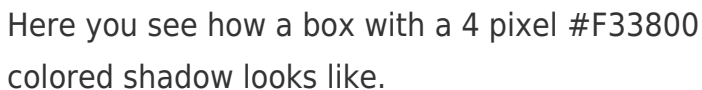
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F33800 }
```

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

```
.border{ border-color:#F33800 }
```

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



Here you see how a box with a 4 pixel #F33800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33800; -webkit-box-shadow:4px 4px  
4px 4px #F33800; box-shadow:4px 4px 4px  
4px #F33800 }
```

Background

The CSS property to change the background color of an element to Hex F33800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33800 }
```

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

```
.background{ background-color:#F33800 }
```

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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