

Converting Colors

Hex(FE3800)

Have a look what the booklet for
Hex(FE3800) contains.

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Color

Hex(FE3800)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FE3800 |
| RGB | 254, 56, 0 |
| RGB Percent | 100%, 22%, 0% |
| CMY | 0.0039, 0.7804, 1.0000 |
| CMYK | 0.00, 0.78, 1.00, 0.00 |
| HSL | 13°, 100%, 50% |
| HSV | 13°, 100%, 100% |
| XYZ | 42.2872, 23.8992, 2.3842 |
| YIQ | 108.8180, 135.9840, 24.5600 |

Conversions

Conversions Part 2

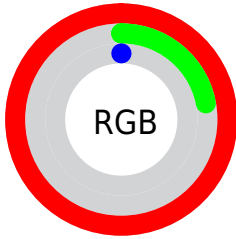
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 254, 72, 0 |
| Decimal | 16660480 |
| CIE _{Lab} | 55.99, 71.42, 68.16 |
| CIE _{LCh} | 56, 98.724, 43.664 |
| Yxy | 23.8992, 0.6167, 0.3485 |
| Android (android.graphics.Color) | 4294850560 (0xFFFE3800) |
| YUV | 108.8180, -53.6473, 127.3246 |
| Hunter-Lab | 48.8868, 68.8512, 31.3292 |

Details

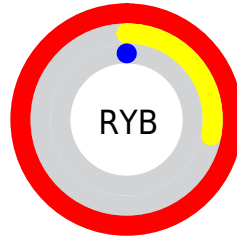
The Hex color **FE3800** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00C6FE**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF773E**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FE3800**, and if you desaturate by 10%, it is **FE4C19**.

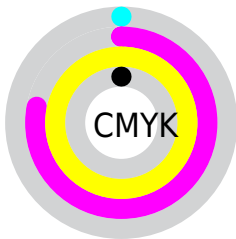
Distribution



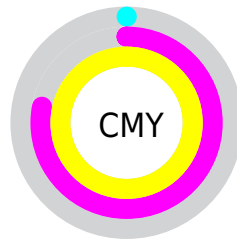
- Red (100%)
- Green (22%)
- Blue (0%)



- Red (100%)
- Yellow (28%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE3800 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 FE3800 by changing the saturation by 10% instead.

 FE3800

 FE3800

FFFFFFE

 DC0200

 FF773E

 BB0000

 FF9558

 9A0000

 FFB272

 7A0000

 FFD08D

 5A0002

 FFEEA8

 3D0003

 FFFFC4

 170000

 FFFFEE1

 000000

 FE3800

 FE4C19

 FE6033

 FE734C

 FE8766

 FE9B7F

 FEAF98

 FEC3B2

 FED6CB

 FEEAE5

Harmonies

Analogous

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



FF0064



FE3800



C97100

Triad

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



FE3800



00A652



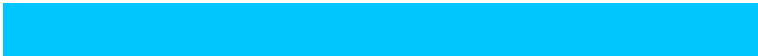
0085FF

Complementary

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



FE3800



00C6FE

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.



009EFF



FE3800



00A8AD

Square

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



FE3800



009F00



00A7FD



B555FF

Rectangle

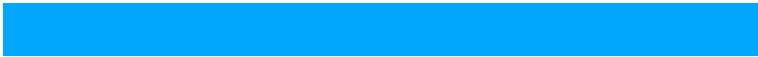
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FE3800



9A8700



00A7FD



0090FF

Sweetspot

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



FE3800



FFC3B3



FE00C7



805C52



000000



808080

Same Dimension

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



FE3800



FF3800



FEB600



807673



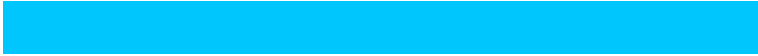
BF2A00



400E00

Inverse Universe

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



00C6FE



00C7FF



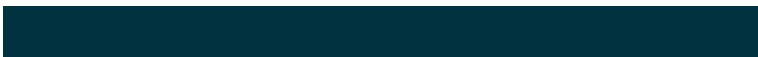
0048FE



737D80



0095BF



003240

Previews

White Background



This preview shows how the Hex color FE3800 looks on a white background.

Color Contrast Check

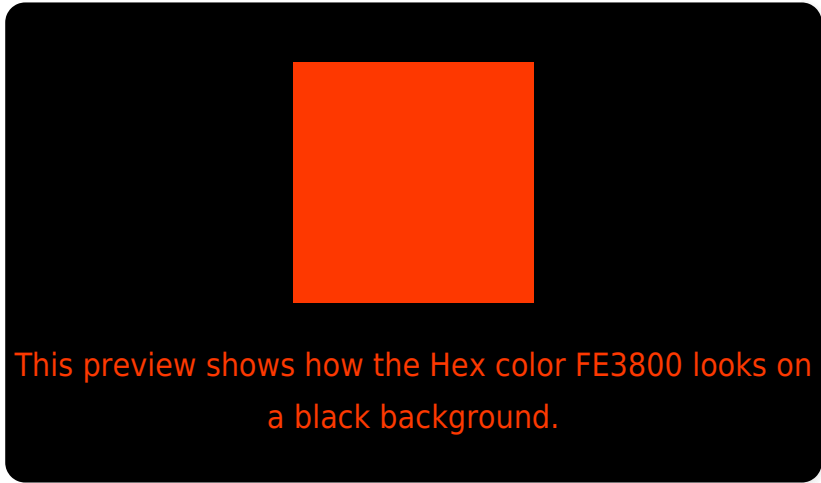
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE3800 Background



This preview shows how black text looks on a background with the Hex color FE3800.



This preview shows how white text looks on a background with the Hex color FE3800.

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
FE3800

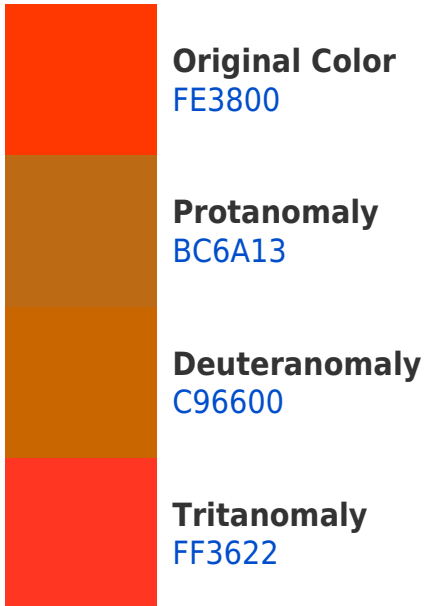
Protanopia
97871E

Deuteranopia
AA8000



Tritanopia
FF3535

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE3800 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 #FE3800 looks like.

```
.text, #text, p{  
    color:#FE3800  
}
```

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 #FE3800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE3800
}
```

Border

The CSS property to change the border of an element to Hex FE3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

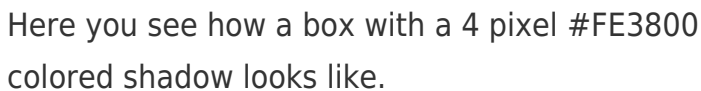
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE3800 }
```

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

```
.border{ border-color:#FE3800 }
```

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



Here you see how a box with a 4 pixel `#FE3800` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE3800; -webkit-box-shadow:4px 4px  
4px 4px #FE3800; box-shadow:4px 4px 4px  
4px #FE3800 }
```

Background

The CSS property to change the background color of an element to Hex FE3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE3800 }
```

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

```
.background{ background-color:#FE3800 }
```

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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