

Converting Colors

Hex(F63800)

Have a look what the booklet for
Hex(F63800) contains.

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Color

Hex(F63800)

Conversions

Conversions Part 1

Format	Color
Hex	F63800
RGB	246, 56, 0
RGB Percent	96%, 22%, 0%
CMY	0.0353, 0.7804, 1.0000
CMYK	0.00, 0.77, 1.00, 0.04
HSL	14°, 100%, 48%
HSV	14°, 100%, 96%
XYZ	39.4202, 22.4212, 2.2500
YIQ	106.4260, 131.2160, 22.8640

Conversions

Conversions Part 2

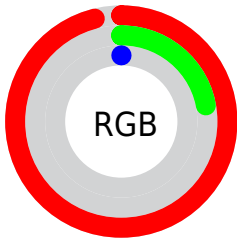
Format	Color
RYB	246, 73, 0
Decimal	16136192
CIELab	54.47, 69.12, 66.62
CIELCh	54, 95.998, 43.944
Yxy	22.4212, 0.6151, 0.3498
Android (android.graphics.Color)	4294326272 (0xFFFF63800)
YUV	106.4260, -52.4680, 122.4064
Hunter-Lab	47.3510, 65.7389, 30.3283

Details

The Hex color **F63800** 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 **00BEF6**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF763D**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F63800**, and if you desaturate by 10%, it is **F64B19**.

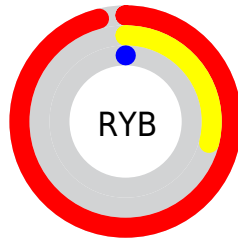
Distribution



Red (96%)

Green (22%)

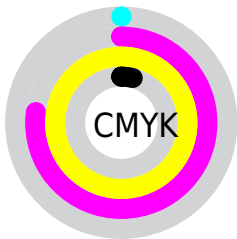
Blue (0%)



Red (96%)

Yellow (29%)

Blue (0%)

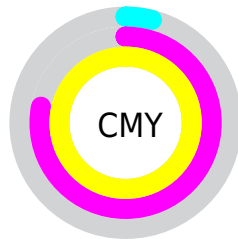


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F63800 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 F63800 by changing the saturation by 10% instead.

 F63800

 F63800

FFFFFFD

 D50600

 FF763D

 B40000

 FF9357

 930000

 FFB071

 730000

 FFCE8C

 540002

 FFECA7

 360002

 FFFFC3

 060000

 FFFFEO

 000000

 F63800

 F64B19

 F65E31

 F6714A

 F68462

 F6977B

 F6AA94

 F6BDAC

 F6D0C5

 F6E3DD

Harmonies

Analogous

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



FF0060



F63800



C36E00

Triad

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



F63800



00A151



0081FF

Complementary

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



F63800



00BEF6

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.



0099FF



F63800



00A4A8

Square

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



F63800



009A00



00A2F6



B152FC

Rectangle

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



F63800



958300



00A2F6



008BFF

Sweetspot

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



F63800



FFC4B3



F600C1



805C52



000000



808080

Same Dimension

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



F63800



FF3A00



F6B000



7A716E



BA2A00



3B0D00

Inverse Universe

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



00BEF6



00C5FF



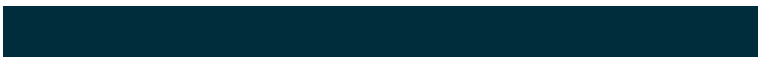
0046F6



6E787A



0090BA



002D3B

Previews

White Background



This preview shows how the Hex color F63800 looks on a white background.

Color Contrast Check

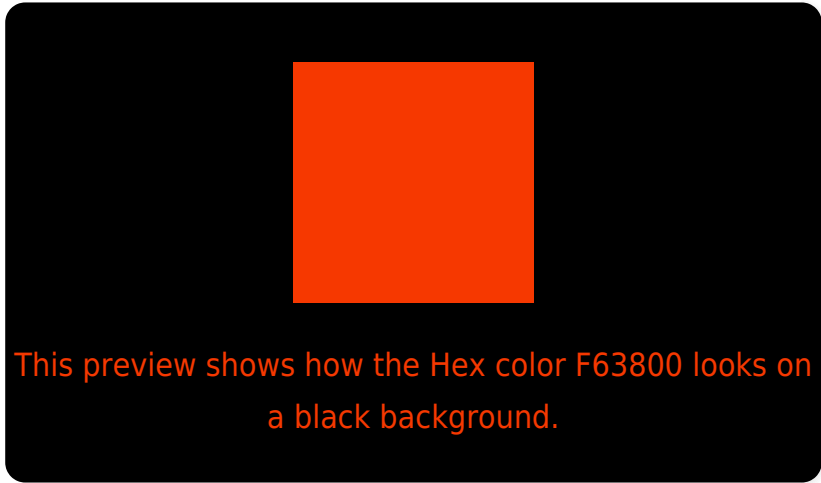
Large Text (above 18pt) WCAG AA ✓ Pass

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 F63800 Background



This preview shows how black text looks on a background with the Hex color F63800.



This preview shows how white text looks on a background with the Hex color F63800.

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
F63800

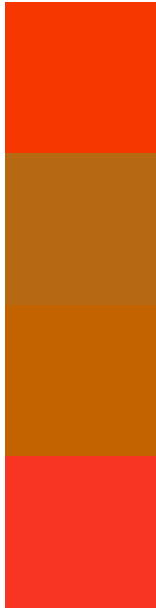
Protanopia
93831D

Deuteranopia
A57C00



Tritanopia
F73435

Trichromacy



Original Color
F63800

Protanomaly
B76812

Deuteranomaly
C26300

Tritanomaly
F73522

Monochromacy



Original Color
F63800

Achromatopsia
6A6A6A

Achromatomaly
9D5843

CSS Examples

Text

The CSS property to change the color of the text to Hex F63800 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 #F63800 looks like.

```
.text, #text, p{  
    color:#F63800  
}
```

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 #F63800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F63800 } }
```

Border

The CSS property to change the border of an element to Hex F63800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

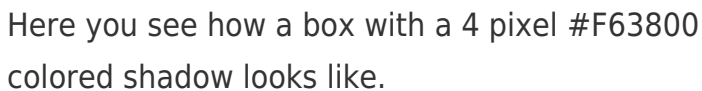
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #F63800 } }
```

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

```
.border{ border-color:#F63800 }
```

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



Here you see how a box with a 4 pixel #F63800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F63800; -webkit-box-shadow:4px 4px  
4px 4px #F63800; box-shadow:4px 4px 4px  
4px #F63800 }
```

Background

The CSS property to change the background color of an element to Hex F63800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F63800 }
```

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

```
.background{ background-color:#F63800 }
```

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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