

Converting Colors

Hex(F23800)

Have a look what the booklet for
Hex(F23800) contains.

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Color

Hex(F23800)

Conversions

Conversions Part 1

Format	Color
Hex	F23800
RGB	242, 56, 0
RGB Percent	95%, 22%, 0%
CMY	0.0510, 0.7804, 1.0000
CMYK	0.00, 0.77, 1.00, 0.05
HSL	14°, 100%, 47%
HSV	14°, 100%, 95%
XYZ	38.0321, 21.7056, 2.1851
YIQ	105.2300, 128.8320, 22.0160

Conversions

Conversions Part 2

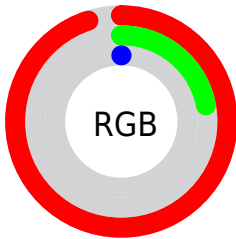
Format	Color
R_{YB}	242, 73, 0
Decimal	15874048
CIE _{Lab}	53.71, 67.96, 65.85
CIE _{LCh}	54, 94.625, 44.095
Yxy	21.7056, 0.6142, 0.3505
Android (android.graphics.Color)	4294064128 (0xFFFF23800)
YUV	105.2300, -51.8784, 119.9473
Hunter-Lab	46.5893, 64.1834, 29.8317

Details

The Hex color **F23800** 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 **00BAF2**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF753D**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F23800**, and if you desaturate by 10%, it is **F24B18**.

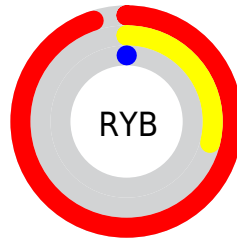
Distribution



Red (95%)

Green (22%)

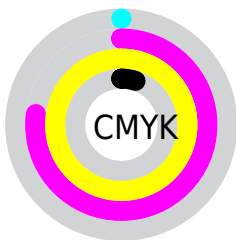
Blue (0%)



Red (95%)

Yellow (29%)

Blue (0%)

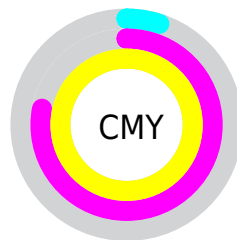


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F23800 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 F23800 by changing the saturation by 10% instead.

 F23800

 F23800

FFFFFFC

 D10800

 FF753D

 B00000

 FF9357

 8F0000

 FFB071

 6F0000

 FFCD8B

 510002

 FFEBA7

 330002

 FFFFC2

 000000

 FFFFDF

 F23800

 F24B18

 F25D30

 F27049

 F28261

 F29579

 F2A891

 F2BAA9

 F2CDC2

 F2DFDA

Harmonies

Analogous

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



FF005F



F23800



BF6C00

Triad

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



F23800



009E50



007FFF

Complementary

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



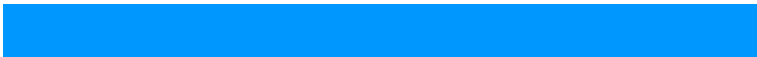
F23800



00BAF2

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



F23800



00A1A6

Square

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



F23800



009800



00A0F2



AE51F8

Rectangle

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



F23800



938100



00A0F2



0089FF

Sweetspot

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



F23800



FFC4B3



F200BE



805C52



000000



808080

Same Dimension

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



F23800



FF3B00



F2AD00



786F6C



B82A00



380D00

Inverse Universe

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



00BAF2



00C4FF



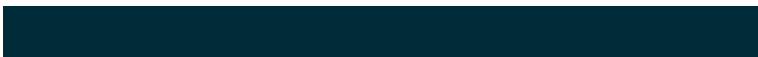
0045F2



6C7578



008DB8



002B38

Previews

White Background



This preview shows how the Hex color F23800 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 F23800 Background



This preview shows how black text looks on a background with the Hex color F23800.



This preview shows how white text looks on a background with the Hex color F23800.

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
F23800

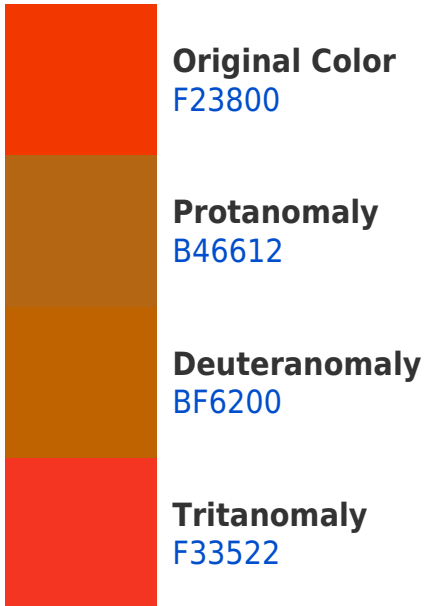
Protanopia
91811C

Deuteranopia
A27A00

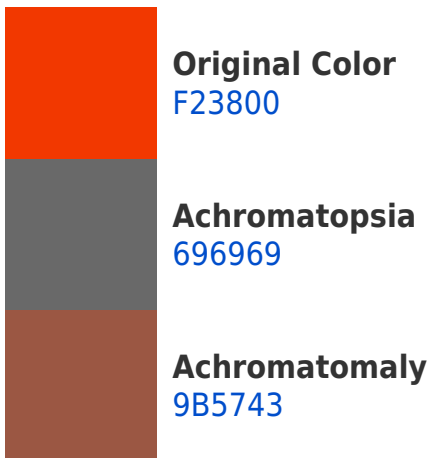


Tritanopia
F33435

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F23800 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 #F23800 looks like.

```
.text, #text, p{  
    color:#F23800  
}
```

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 #F23800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23800
}
```

Border

The CSS property to change the border of an element to Hex F23800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

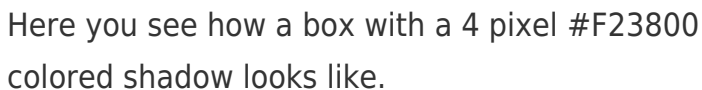
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F23800 }
```

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

```
.border{ border-color:#F23800 }
```

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



Here you see how a box with a 4 pixel #F23800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23800; -webkit-box-shadow:4px 4px  
4px 4px #F23800; box-shadow:4px 4px 4px  
4px #F23800 }
```

Background

The CSS property to change the background color of an element to Hex F23800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23800 }
```

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

```
.background{ background-color:#F23800 }
```

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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