

Converting Colors

Hex(F83816)

Have a look what the booklet for
Hex(F83816) contains.

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Color

Hex(F83816)

Conversions

Conversions Part 1

Format	Color
Hex	F83816
RGB	248, 56, 22
RGB Percent	97%, 22%, 9%
CMY	0.0275, 0.7804, 0.9137
CMYK	0.00, 0.77, 0.91, 0.03
HSL	9°, 94%, 53%
HSV	9°, 91%, 97%
XYZ	40.2704, 22.8427, 3.0457
YIQ	109.5320, 125.3460, 30.1300

Conversions

Conversions Part 2

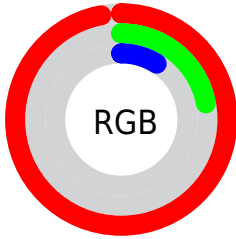
Format	Color
R_{YB}	248, 62, 22
Decimal	16267286
CIE _{Lab}	54.91, 69.89, 61.55
CIE _{LCh}	55, 93.127, 41.368
Yxy	22.8427, 0.6087, 0.3453
Android (android.graphics.Color)	4294457366 (0xFFFF83816)
YUV	109.5320, -43.1533, 121.4364
Hunter-Lab	47.7941, 66.7611, 29.6776

Details

The Hex color **F83816** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **16D6F8**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF764A**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F82500**, and if you desaturate by 10%, it is **F84D2F**.

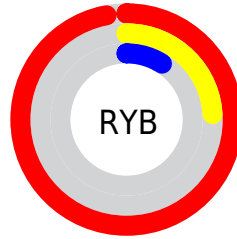
Distribution



Red (97%)

Green (22%)

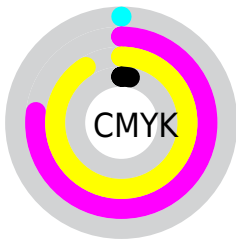
Blue (9%)



Red (97%)

Yellow (24%)

Blue (9%)

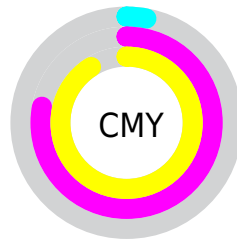


Cyan (0%)

Magenta (77%)

Yellow (91%)

Black (3%)



Cyan (3%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color F83816 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 F83816 by changing the saturation by 10% instead.

 F83816

 F83816

FFFFFF

 D70500

 FF764A

 B60000

 FF9463

 950000

 FFB17D

 750000

 FFCF98

 560002


 FFECB3

 380002

 FFFFCE

 0C0000

 FFFFEC

 000000

 F83816

 F83816

 F82500

 F84D2F

 F86248

 F87760

 F88C79

 F8A192

 F8B6AB

 F8CBC4

 F8E1DC

 F8F6F5

Harmonies

Analogous

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



FF0069



F83816



C86C00

Triad

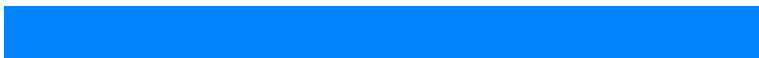
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F83816



00A14C



0085FF

Complementary

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



F83816



16D6F8

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.



009BFF



F83816



00A4A1

Square

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



F83816



009A00



00A3EE



A75BFE

Rectangle

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



F83816



9D8200



00A3EE



008EFF

Sweetspot

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



F83816



FFC5BA



F816D6



805D57



000000



808080

Same Dimension

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



F83816



FF2600



F8A916



7D7270



BD1C00



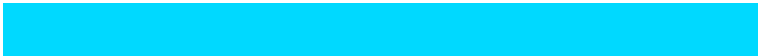
3D0900

Inverse Universe

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



16D6F8



00D9FF



1665F8



707B7D



00A0BD



00343D

Previews

White Background



This preview shows how the Hex color F83816 looks on a white background.

Color Contrast Check

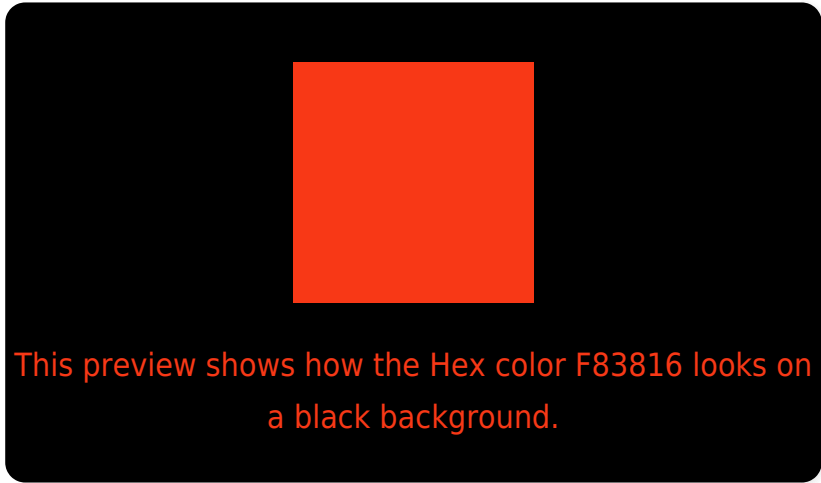
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83816 Background



This preview shows how black text looks on a background with the Hex color F83816.



This preview shows how white text looks on a background with the Hex color F83816.

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
F83816

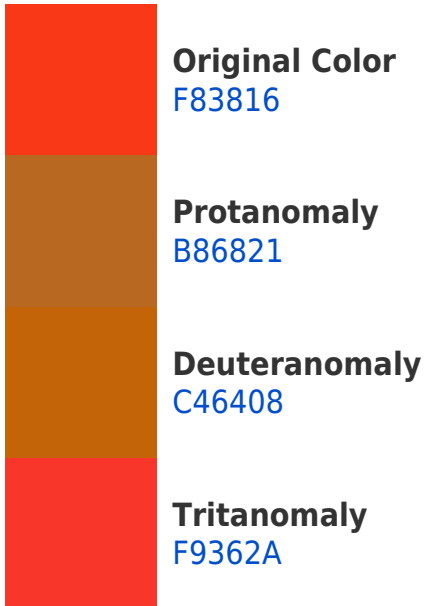
Protanopia
948428

Deuteranopia
A67D00

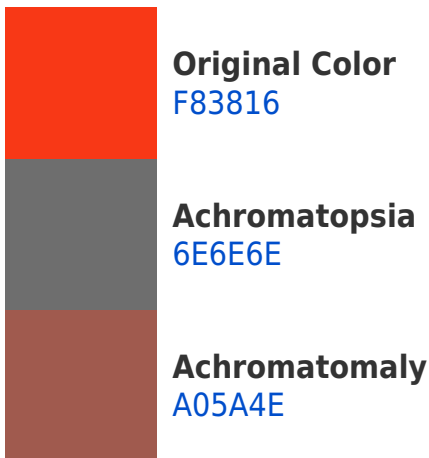


Tritanopia
F93535

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F83816 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 #F83816 looks like.

```
.text, #text, p{  
    color:#F83816  
}
```

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 #F83816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83816
}
```

Border

The CSS property to change the border of an element to Hex F83816 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
#F83816 }
```

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

```
.border{ border-color:#F83816 }
```

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

Here you see how a box with a 4 pixel #F83816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83816; -webkit-box-shadow:4px 4px  
4px 4px #F83816; box-shadow:4px 4px 4px  
4px #F83816 }
```

Background

The CSS property to change the background color of an element to Hex F83816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83816 }
```

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

```
.background{ background-color:#F83816 }
```

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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