

Converting Colors

Hex(F83C1D)

Have a look what the booklet for
Hex(F83C1D) contains.

Hex(F83C1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F83C1D)

Conversions

Conversions Part 1

Format	Color
Hex	F83C1D
RGB	248, 60, 29
RGB Percent	97%, 24%, 11%
CMY	0.0275, 0.7647, 0.8863
CMYK	0.00, 0.76, 0.88, 0.03
HSL	8°, 94%, 54%
HSV	8°, 88%, 97%
XYZ	40.5490, 23.2769, 3.5181
YIQ	112.6780, 121.9990, 30.2150

Conversions

Conversions Part 2

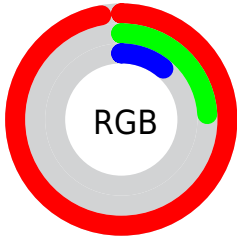
Format	Color
R_{YB}	248, 65, 29
Decimal	16268317
CIE Lab	55.36, 68.83, 59.33
CIE LCh	55, 90.870, 40.759
Yxy	23.2769, 0.6021, 0.3456
Android (android.graphics.Color)	4294458397 (0xFFFF83C1D)
YUV	112.6780, -41.2533, 118.6774
Hunter-Lab	48.2461, 65.5917, 29.4489

Details

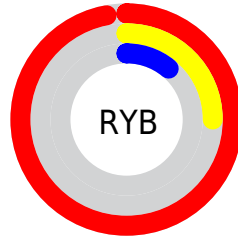
The Hex color **F83C1D** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **1DD9F8**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF794F**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F82704**, and if you desaturate by 10%, it is **F85136**.

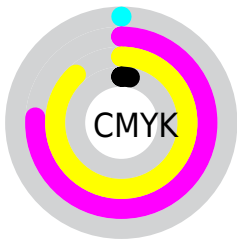
Distribution



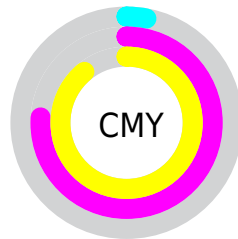
- Red (97%)
- Green (24%)
- Blue (11%)



- Red (97%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (88%)
- Black (3%)



- Cyan (3%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F83C1D 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 F83C1D by changing the saturation by 10% instead.

 F83C1D

 F83C1D

FFFFFF

 D71000

 FF794F

 B60000

 FF9669

 950000

 FFB483

 750000

 FFD19D

 560002

 FFEFB9

 390002

 FFFFD5

 0E0000

 FFFFF2

 000000

 F83C1D

 F83C1D

 F82704

 F85136

 F82300

 F8674F

 F87C67

 F89180

 F8A699

 F8BCB2

 F8D1CB

 F8E6E3

 F8FCFC

Harmonies

Analogous

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



FF006C



F83C1D



C96D00

Triad

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



F83C1D



00A24C



0086FF

Complementary

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



F83C1D



1DD9F8

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.



009CFF



F83C1D



00A5A0

Square

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



F83C1D



179A00



00A4EB



A65EFE

Rectangle

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



F83C1D



A08200



00A4EB



008FFF

Sweetspot

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



F83C1D



FFC6BD



F81DDB



805E58



000000



808080

Same Dimension

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



F83C1D



FF2400



F8A81D



7D7270



BD1B00



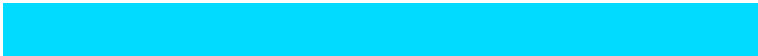
3D0900

Inverse Universe

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



1DD9F8



00DBFF



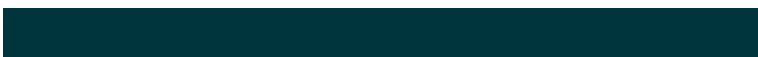
1D6DF8



707B7D



00A2BD



00353D

Previews

White Background



This preview shows how the Hex color F83C1D looks on a white background.

Color Contrast Check

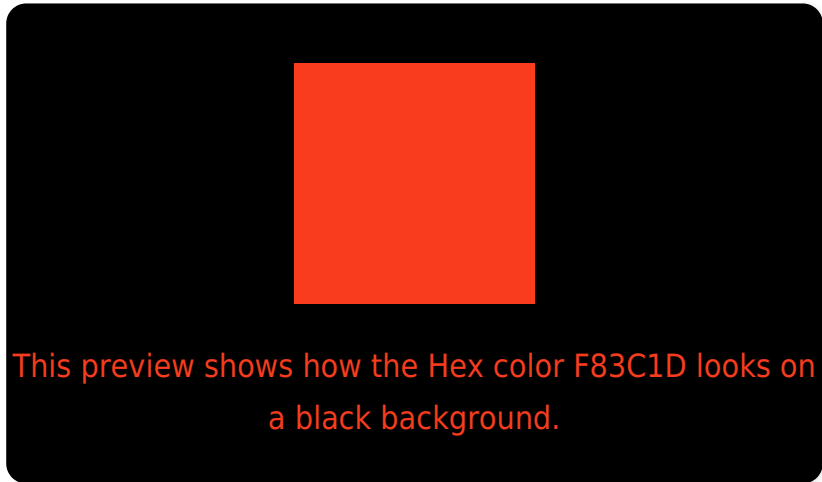
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83C1D Background



This preview shows how black text looks on a background with the Hex color F83C1D.

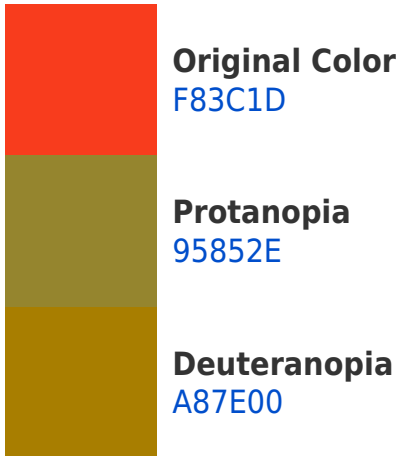


This preview shows how white text looks on a background with the Hex color F83C1D.

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](#).

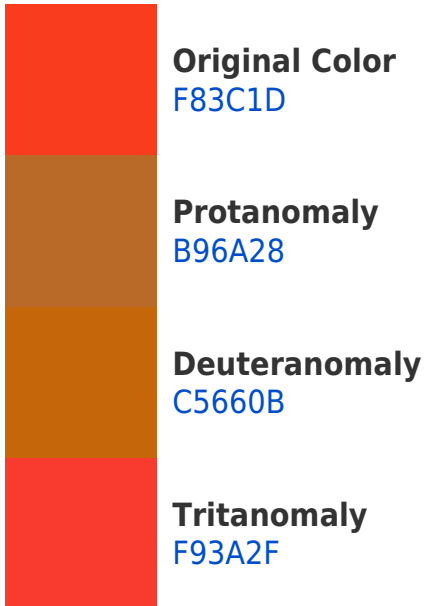
Dichromacy



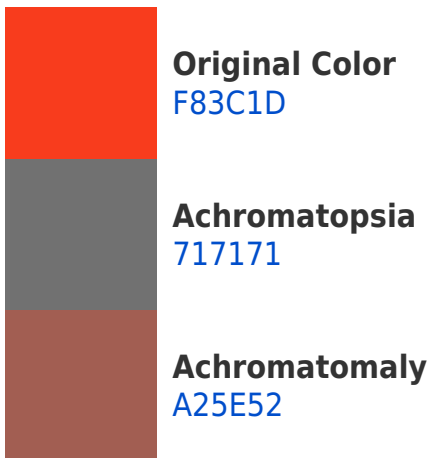


Tritanopia
F9393A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F83C1D 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 #F83C1D looks like.

```
.text, #text, p{  
    color:#F83C1D  
}
```

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 #F83C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83C1D } }
```

Border

The CSS property to change the border of an element to Hex F83C1D 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".

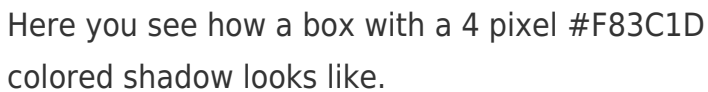
```
.border, #border, table{ border:4px solid #F83C1D } }
```

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

```
.border{ border-color:#F83C1D }
```

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

Here you see how a box with a 4 pixel #F83C1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83C1D; -webkit-box-shadow:4px 4px  
4px 4px #F83C1D; box-shadow:4px 4px 4px  
4px #F83C1D }
```

Background

The CSS property to change the background color of an element to Hex F83C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83C1D }
```

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

```
.background{ background-color:#F83C1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor