

# Converting Colors

Hex(FF3814)

Have a look what the booklet for  
Hex(FF3814) contains.

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**Color**

**Hex(F3814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3814
RGB	255, 56, 20
RGB Percent	100%, 22%, 8%
CMY	0.0000, 0.7804, 0.9216
CMYK	0.00, 0.78, 0.92, 0.00
HSL	9°, 100%, 54%
HSV	9°, 92%, 100%
XYZ	42.7804, 24.1389, 3.0663
YIQ	111.3970, 130.1600, 30.9920

# Conversions

## Conversions Part 2

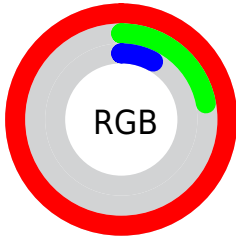
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 63, 20
Decimal	16726036
CIE <sub>Lab</sub>	56.23, 71.86, 63.68
CIE <sub>LCh</sub>	56, 96.017, 41.546
Yxy	24.1389, 0.6113, 0.3449
Android (android.graphics.Color)	4294916116 (0xFFFF3814)
YUV	111.3970, -45.0587, 125.9398
Hunter-Lab	49.1313, 69.4467, 30.6916

# Details

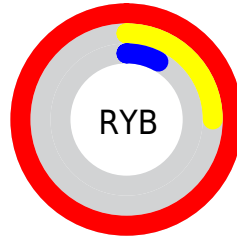
The Hex color **FF3814** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **14DBFF**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7749**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2700**, and if you desaturate by 10%, it is **FF4E2E**.

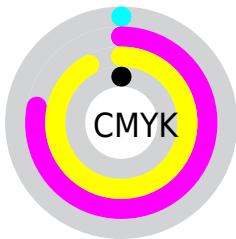
# Distribution



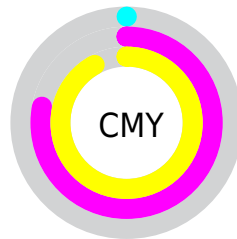
- Red (100%)
- Green (22%)
- Blue (8%)



- Red (100%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (78%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3814 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 FF3814 by changing the saturation by 10% instead.



 FF3814

 FF3814

FFFFFF

 DD0100

 FF7749

 BC0000

 FF9562

 9B0000

 FFB27C

 7B0000

 FFD097

 5B0002

 FFEEB2

 3E0003

 FFFFCF

 190001

 FFFFEB

 000000

 FF3814

 FF3814

■ FF2700

■ FF4E2E

■ FF6347

■ FF7961

■ FF8E7A

■ FFA493

■ FFBAAD

■ FFCFC7

■ FFE5E0

■ FFFAFA

# Harmonies

## Analogous

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



FF006B



FF3814



CD6F00

# Triad

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



FF3814



00A64E



0088FF

# Complementary

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



FF3814



14DBFF

# 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.



009FFF



FF3814



00A8A6

# Square

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



FF3814



009E00



00A8F5



AC5CFF

# Rectangle

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



FF3814



A08500



00A8F5



0092FF



# Sweetspot

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



FF3814



FFC3B8



FF14DC



805B54



000000



808080



# Same Dimension

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



FF3814



FF2700



FFAD14



807573



BF1D00



400A00



# Inverse Universe

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



14DBFF



00D8FF



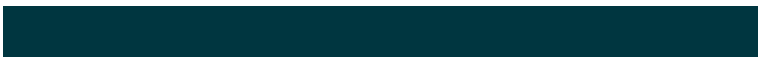
1466FF



737E80



00A2BF



003640



# Previews

## White Background



This preview shows how the Hex color FF3814 looks on a white background.

## Color Contrast Check

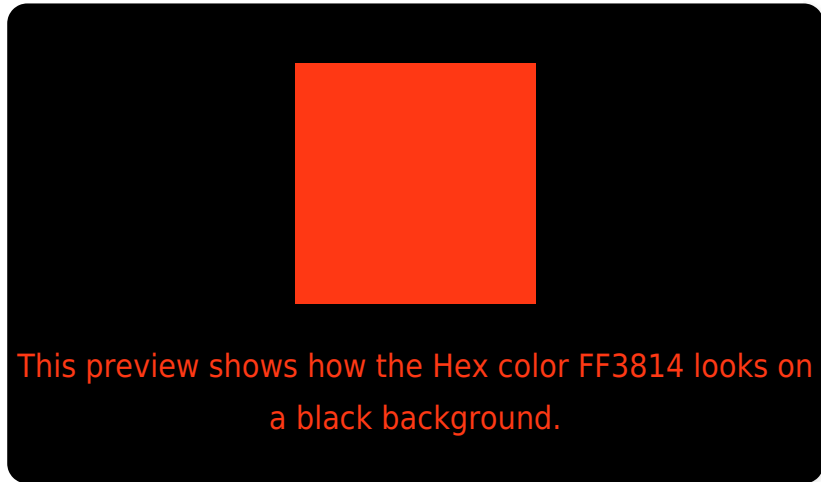
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3814 Background



This preview shows how black text looks on a background with the Hex color FF3814.



This preview shows how white text looks on a background with the Hex color FF3814.

# 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**  
FF3814

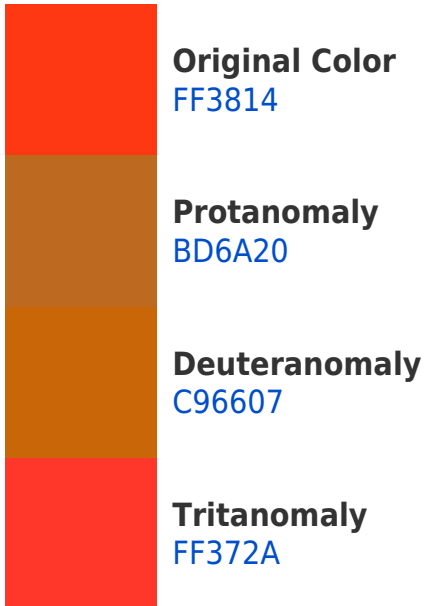
**Protanopia**  
988727

**Deuteranopia**  
AA8000



**Tritanopia**  
FF3636

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3814 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 #FF3814 looks like.

```
.text, #text, p{  
    color:#FF3814  
}
```

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 #FF3814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3814
}
```

## Border

The CSS property to change the border of an element to Hex FF3814 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
#FF3814 }
```

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

```
.border{ border-color:#FF3814 }
```

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

Here you see how a box with a 4 pixel #FF3814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3814; -webkit-box-shadow:4px 4px  
4px 4px #FF3814; box-shadow:4px 4px 4px  
4px #FF3814 }
```

# Background

The CSS property to change the background color of an element to Hex FF3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3814 }
```

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

```
.background{ background-color:#FF3814 }
```

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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