

Converting Colors

Hex(FF4810)

Have a look what the booklet for
Hex(FF4810) contains.

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Color

Hex(F4810)

Conversions

Conversions Part 1

Format	Color
Hex	FF4810
RGB	255, 72, 16
RGB Percent	100%, 28%, 6%
CMY	0.0000, 0.7176, 0.9373
CMYK	0.00, 0.72, 0.94, 0.00
HSL	14°, 100%, 53%
HSV	14°, 94%, 100%
XYZ	43.6509, 25.9321, 3.1950
YIQ	120.3330, 127.0440, 21.3800

Conversions

Conversions Part 2

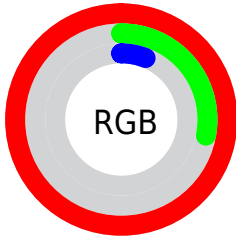
Format	Color
R_YB	255, 89, 16
Decimal	16730128
CIE Lab	57.97, 66.92, 65.85
CIE LCh	58, 93.884, 44.540
Yxy	25.9321, 0.5998, 0.3563
Android (android.graphics.Color)	4294920208 (0xFFFF4810)
YUV	120.3330, -51.4362, 118.1030
Hunter-Lab	50.9236, 63.8910, 31.9267

Details

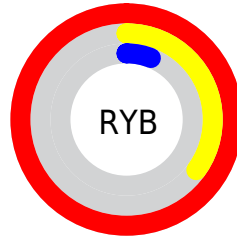
The Hex color **FF4810** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **10C7FF**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8348**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF3C00**, and if you desaturate by 10%, it is **FF5C2A**.

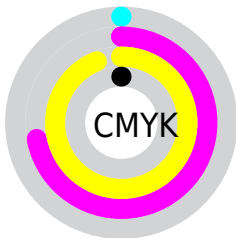
Distribution



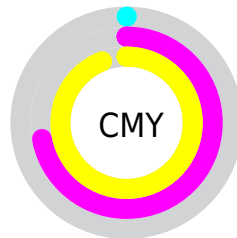
- Red (100%)
- Green (28%)
- Blue (6%)



- Red (100%)
- Yellow (35%)
- Blue (6%)



- Cyan (0%)
- Magenta (72%)
- Yellow (94%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4810 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 FF4810 by changing the saturation by 10% instead.

 FF4810

 FF4810

FFFFFF

 DE2500

 FF8348

 BD0000

 FFA061

 9C0000

 FFBD7C

 7C0000

 FFDB97

 5C0001

 FFF9B2

 400003

 FFFFCE

 1C0001

 FFFFEB

 000000

 FF4810

 FF4810

 FF3C00

 FF5C2A

 FF6F43

 FF835D

 FF9676

 FFAA90

 FFBDA9

 FFD1C3

 FFE4DC

 FFF8F6

Harmonies

Analogous

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



FF0068



FF4810



CB7800

Triad

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



FF4810



00AB5C



0089FF

Complementary

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



FF4810



10C7FF

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.



00A1FF



FF4810



00ADB3

Square

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



FF4810



00A300



00ABFE



BC5DFF

Rectangle

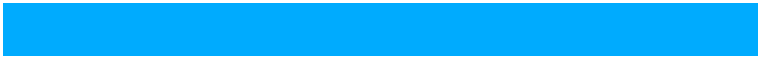
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF4810



9E8C00



00ABFE



0093FF

Sweetspot

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



FF4810



FFC8B8



FF10C7



805E54



000000



808080

Same Dimension

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



FF4810



FF3C00



FFBF10



807673



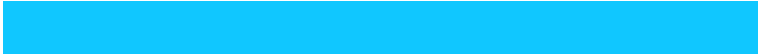
BF2D00



400F00

Inverse Universe

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



10C7FF



00C3FF



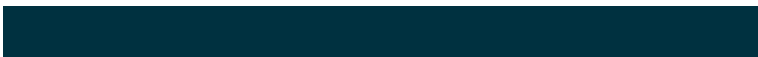
1050FF



737D80



0092BF



003140

Previews

White Background



This preview shows how the Hex color FF4810 looks on a white background.

Color Contrast Check

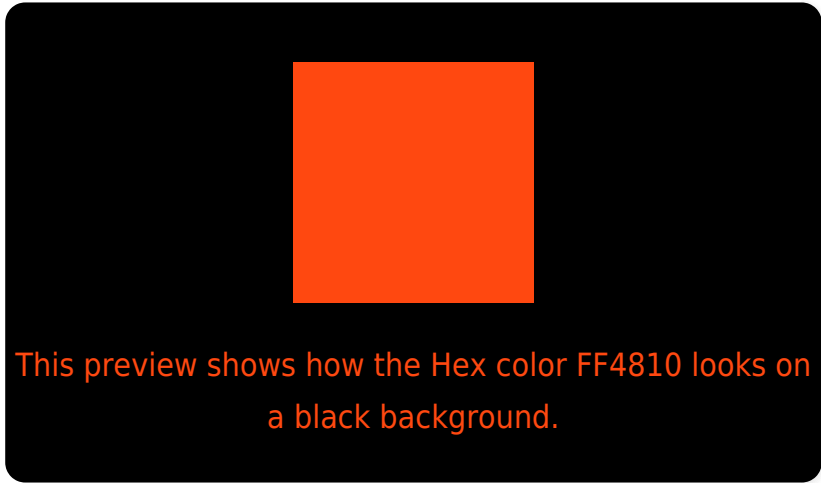
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4810 Background



This preview shows how black text looks on a background with the Hex color FF4810.



This preview shows how white text looks on a background with the Hex color FF4810.

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
FF4810

Protanopia
9D8C22

Deuteranopia
B08500



Tritanopia
FF4547

Trichromacy



Original Color
FF4810

Protanomaly
C1731B

Deuteranomaly
CD6F06

Tritanomaly
FF4633

Monochromacy



Original Color
FF4810

Achromatopsia
787878

Achromatomaly
A96752

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4810 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 #FF4810 looks like.

```
.text, #text, p{  
  color:#FF4810  
}
```

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 #FF4810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4810
}
```

Border

The CSS property to change the border of an element to Hex FF4810 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
#FF4810 }
```

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

```
.border{ border-color:#FF4810 }
```

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

Here you see how a box with a 4 pixel #FF4810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4810; -webkit-box-shadow:4px 4px  
4px 4px #FF4810; box-shadow:4px 4px 4px  
4px #FF4810 }
```

Background

The CSS property to change the background color of an element to Hex FF4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4810 }
```

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

```
.background{ background-color:#FF4810 }
```

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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