

# Converting Colors

Hex(F74800)

Have a look what the booklet for  
Hex(F74800) contains.

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**Color**

**Hex(F74800)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F74800                      |
| RGB         | 247, 72, 0                  |
| RGB Percent | 97%, 28%, 0%                |
| CMY         | 0.0314, 0.7176, 1.0000      |
| CMYK        | 0.00, 0.71, 1.00, 0.03      |
| HSL         | 17°, 100%, 48%              |
| HSV         | 17°, 100%, 97%              |
| XYZ         | 40.6751, 24.4089, 2.5676    |
| YIQ         | 116.1170, 127.4120, 14.7080 |

# Conversions

## Conversions Part 2

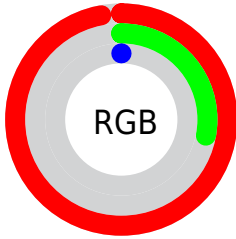
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 247, 102, 0                     |
| Decimal                             | 16205824                        |
| CIE Lab                             | 56.49, 64.31, 67.64             |
| CIE LCh                             | 56, 93.334, 46.444              |
| Yxy                                 | 24.4089, 0.6012,<br>0.3608      |
| Android<br>(android.graphics.Color) | 4294395904<br>(0xFFFF74800)     |
| YUV                                 | 116.1170, -57.2457,<br>114.7844 |
| Hunter-Lab                          | 49.4054, 60.4986,<br>31.5025    |

# Details

The Hex color **F74800** 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 **00AFF7**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF823F**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F74800**, and if you desaturate by 10%, it is **F75919**.

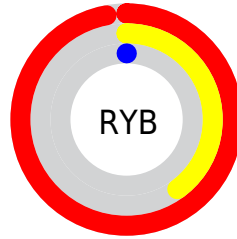
# Distribution



Red (97%)

Green (28%)

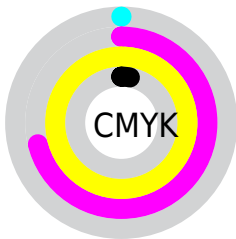
Blue (0%)



Red (97%)

Yellow (40%)

Blue (0%)

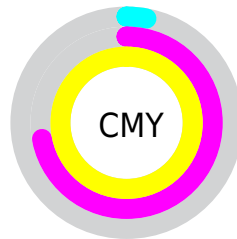


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F74800 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 F74800 by changing the saturation by 10% instead.



 F74800

 F74800

FFFFFF

 D62700

 FF823F

 B50000

 FF9F59

 940000

 FFBC74

 750000

 FFD98F

 560001

 FFF7AA

 390002

 FFFFC6

 0F0000

 FFFF E3

 000000

 F74800

 F75919

 F76B31

 F77D4A

 F78E63

 F7A07C

 F7B194

 F7C3AD

 F7D4C6

 F7E6DE

# Harmonies

## Analogous

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



FF005F



F74800



C37600

# Triad

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



F74800



00A65E



0083FF

# Complementary

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



F74800



00AFF7

# 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



F74800



00A9B4

# Square

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



F74800



00A000



00A7FD



BE55F9

# Rectangle

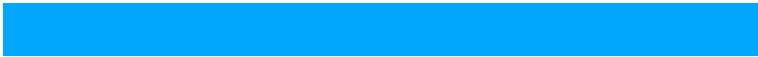
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F74800



958A00



00A7FD



008DFF



# Sweetspot

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



F74800



FFC9B3



F700B1



805F52



000000



808080



# Same Dimension

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



F74800



FF4A00



F7C100



7A726E



BA3600



3B1100



# Inverse Universe

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



00AFF7



00B5FF



0036F7



6E777A



0084BA



002A3B



# Previews

## White Background



This preview shows how the Hex color F74800 looks on a white background.

## Color Contrast Check

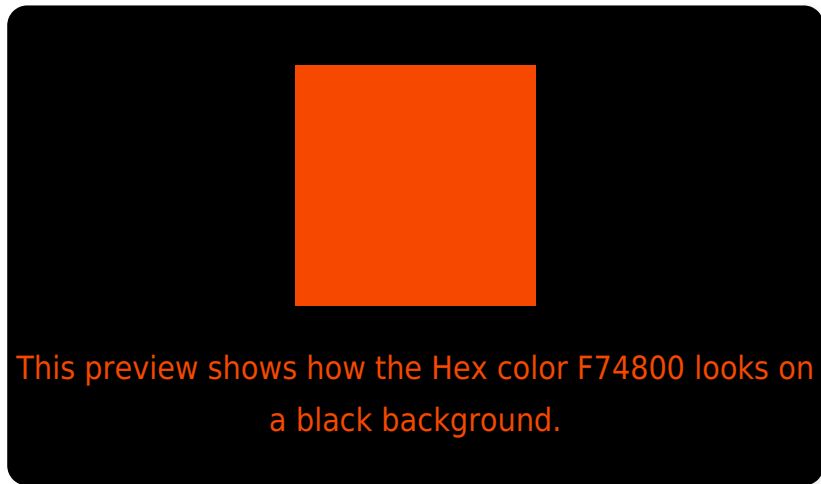
Large Text (above 18pt) WCAG AA ✓ Pass

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 F74800 Background



This preview shows how black text looks on a background with the Hex color F74800.



This preview shows how white text looks on a background with the Hex color F74800.

# 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**  
F74800

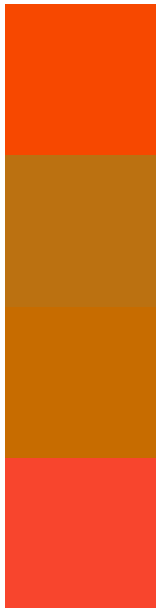
**Protanopia**  
99881B

**Deuteranopia**  
AB8100



**Tritanopia**  
F84346

# Trichromacy



**Original Color**  
F74800

**Protanomaly**  
BB7111

**Deuteranomaly**  
C76C00

**Tritanomaly**  
F8452D

# Monochromacy



**Original Color**  
F74800

**Achromatopsia**  
747474

**Achromatomaly**  
A4644A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F74800 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 #F74800 looks like.

```
.text, #text, p{  
    color:#F74800  
}
```

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 #F74800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F74800
}
```

## Border

The CSS property to change the border of an element to Hex F74800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

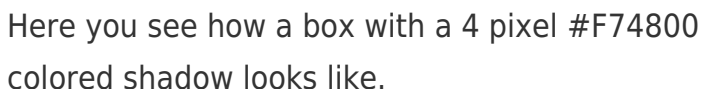
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F74800 }
```

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

```
.border{ border-color:#F74800 }
```

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



Here you see how a box with a 4 pixel #F74800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F74800; -webkit-box-shadow:4px 4px  
4px 4px #F74800; box-shadow:4px 4px 4px  
4px #F74800 }
```

# Background

The CSS property to change the background color of an element to Hex F74800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F74800 }
```

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

```
.background{ background-color:#F74800 }
```

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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