

Converting Colors

Hex(FF4800)

Have a look what the booklet for
Hex(FF4800) contains.

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Color

Hex(F4800)

Conversions

Conversions Part 1

Format	Color
Hex	FF4800
RGB	255, 72, 0
RGB Percent	100%, 28%, 0%
CMY	0.0000, 0.7176, 1.0000
CMYK	0.00, 0.72, 1.00, 0.00
HSL	17°, 100%, 50%
HSV	17°, 100%, 100%
XYZ	43.5574, 25.8947, 2.7025
YIQ	118.5090, 132.1800, 16.4040

Conversions

Conversions Part 2

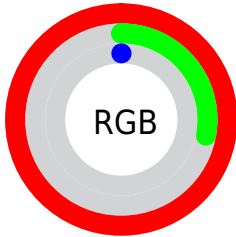
Format	Color
R_{YB}	255, 100, 0
Decimal	16730112
CIE _{Lab}	57.94, 66.79, 69.14
CIE _{LCh}	58, 96.133, 45.988
Yxy	25.8947, 0.6037, 0.3589
Android (android.graphics.Color)	4294920192 (0xFFFF4800)
YUV	118.5090, -58.4249, 119.7026
Hunter-Lab	50.8869, 63.7377, 32.4721

Details

The Hex color **FF4800** 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 **00B7FF**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8340**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF4800**, and if you desaturate by 10%, it is **FF5A19**.

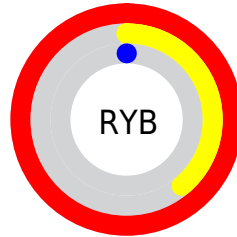
Distribution



Red (100%)

Green (28%)

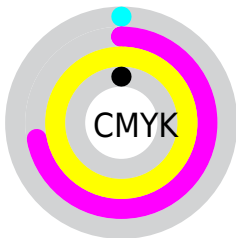
Blue (0%)



Red (100%)

Yellow (39%)

Blue (0%)

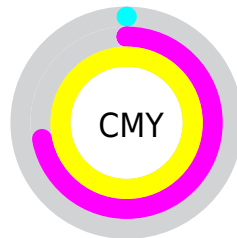


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4800 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 FF4800 by changing the saturation by 10% instead.

 FF4800

 FF4800

FFFFFF

 DE2500

 FF8340

 BD0000

 FFA05A

 9C0000

 FFBD75

 7C0000

 FFDB90

 5C0001

 FFF8AB

 3F0003

 FFFFC7

 1C0001

 FFFF E4

 000000

 FF4800

 FF5A19

 FF6D33

 FF7F4D

 FF9166

 FFA380

 FFB699

 FFC8B3

 FFDACC

 FFEDE6

Harmonies

Analogous

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



FF0063



FF4800



C97900

Triad

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



FF4800



00AB5F



0087FF

Complementary

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



FF4800



00B7FF

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



FF4800



00AEB8

Square

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



FF4800



00A400



00ACFF



C258FF

Rectangle

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



FF4800



9A8E00



00ACFF



0092FF

Sweetspot

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



FF4800



FFC8B3



FF00BB



805F52



000000



808080

Same Dimension

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



FF4800



FFC300



807673



BF3600



401200

Inverse Universe

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



00B7FF



003CFF



737C80



0089BF



002E40

Previews

White Background



This preview shows how the Hex color FF4800 looks on a white background.

Color Contrast Check

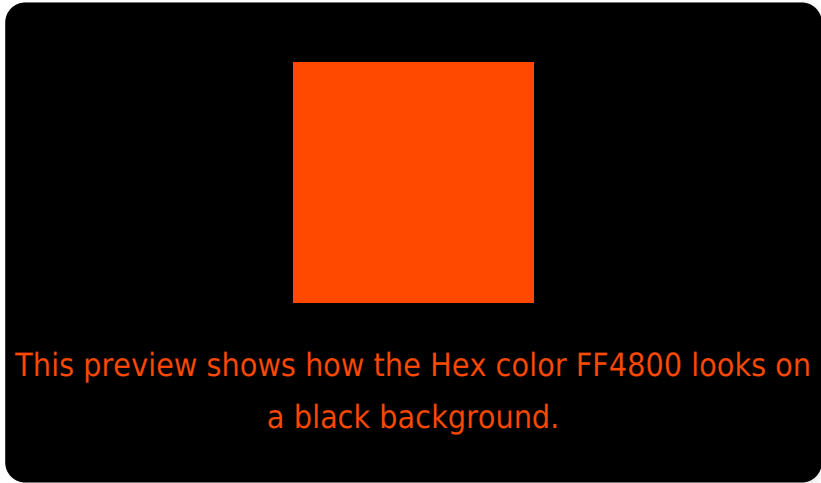
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4800 Background



This preview shows how black text looks on a background with the Hex color FF4800.



This preview shows how white text looks on a background with the Hex color FF4800.

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
FF4800

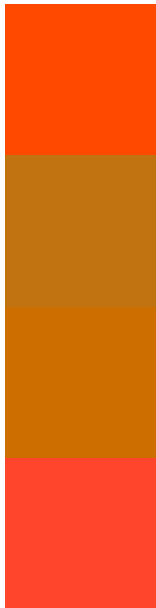
Protanopia
9D8C1C

Deuteranopia
B08500



Tritanopia
FF4547

Trichromacy



Original Color
FF4800

Protanomaly
C17312

Deuteranomaly
CD6F00

Tritanomaly
FF462D

Monochromacy



Original Color
FF4800

Achromatopsia
777777

Achromatomaly
A8664C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4800 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 #FF4800 looks like.

```
.text, #text, p{  
    color:#FF4800  
}
```

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 #FF4800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4800
}
```

Border

The CSS property to change the border of an element to Hex FF4800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

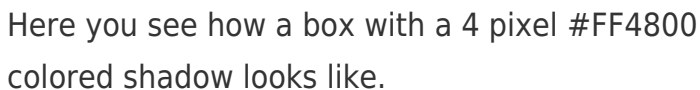
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF4800 }
```

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

```
.border{ border-color:#FF4800 }
```

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



Here you see how a box with a 4 pixel #FF4800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4800; -webkit-box-shadow:4px 4px  
4px 4px #FF4800; box-shadow:4px 4px 4px  
4px #FF4800 }
```

Background

The CSS property to change the background color of an element to Hex FF4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4800 }
```

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

```
.background{ background-color:#FF4800 }
```

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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