

# Converting Colors

Hex(FF6418)

Have a look what the booklet for  
Hex(FF6418) contains.

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**Color**

**Hex(F6418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF6418
RGB	255, 100, 24
RGB Percent	100%, 39%, 9%
CMY	0.0000, 0.6078, 0.9059
CMYK	0.00, 0.61, 0.91, 0.00
HSL	20°, 100%, 55%
HSV	20°, 91%, 100%
XYZ	45.9620, 30.4403, 4.3172
YIQ	137.6810, 116.7760, 9.2240

# Conversions

## Conversions Part 2

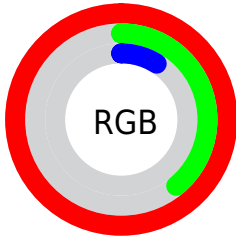
Format	Color
R <sub>Y</sub> B	255, 137, 24
Decimal	16737304
CIE Lab	62.03, 56.11, 66.34
CIE LCh	62, 86.886, 49.776
Yxy	30.4403, 0.5694, 0.3771
Android (android.graphics.Color)	4294927384 (0xFFFF6418)
YUV	137.6810, -56.0447, 102.8888
Hunter-Lab	55.1727, 52.1485, 33.9815

# Details

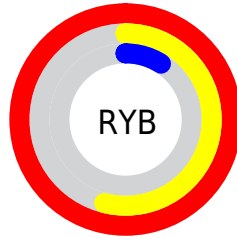
The Hex color **FF6418** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **18B3FF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9C4F**, and **BE2A00** is the 20% darker color. If you saturate the color by 10%, you get **FF5400**, and if you desaturate by 10%, it is **FF7531**.

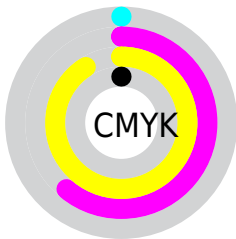
# Distribution



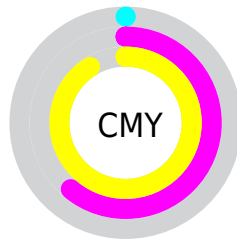
- Red (100%)
- Green (39%)
- Blue (9%)



- Red (100%)
- Yellow (54%)
- Blue (9%)



- Cyan (0%)
- Magenta (61%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6418 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 FF6418 by changing the saturation by 10% instead.



 FF6418

 FF6418

FFFFFF

 DE4800

 FF9C4F

 BE2A00

 FFB86A

 9E0000

 FFD585

 7E0000

 FFF2A0

 5F0000

 FFFFBC

 430002

 FFFFD8

 230001

 FFFFF5

 000000

 FF6418

 FF6418

■ FF5400

■ FF7531

■ FF864B

■ FF9764

■ FFA87E

■ FFBA97

■ FFCBB1

■ FFDCCB

■ FFEDE4

FFFEFD

# Harmonies

## Analogous

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



FF3867



FF6418



CB8900

# Triad

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



FF6418



00B578



408DFF

# Complementary

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



FF6418



18B3FF

# 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.



00A7FF



FF6418



00B7C8

# Square

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



FF6418



00AF22



00B4FF



D665FB

# Rectangle

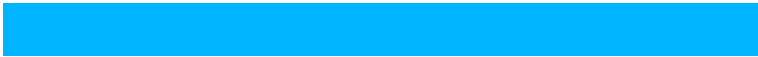
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



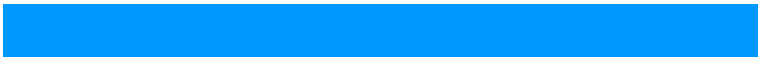
FF6418



9E9B00



00B4FF



0098FF



# Sweetspot

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



FF6418



FFD1BA



FF18B6



806457



000000



808080



# Same Dimension

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



FF6418



FF5400



FFD518



807773



BF3F00



401500

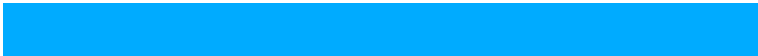


# Inverse Universe

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



18B3FF



00ABFF



1842FF



737B80



0080BF



002B40



# Previews

## White Background



This preview shows how the Hex color FF6418 looks on a white background.

## Color Contrast Check

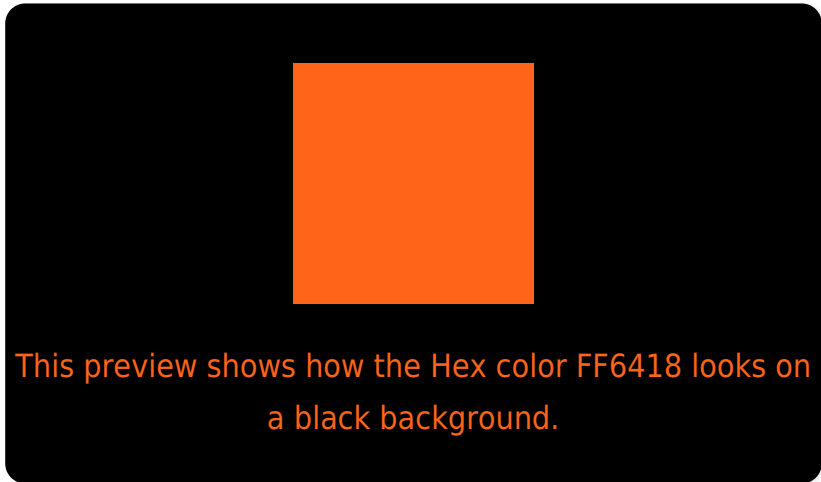
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF6418 Background



This preview shows how black text looks on a background with the Hex color FF6418.

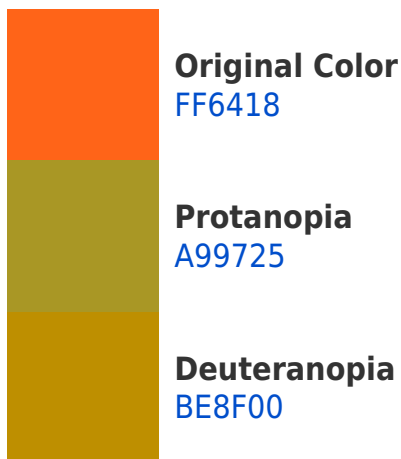


This preview shows how white text looks on a background with the Hex color FF6418.

# 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**  
FF5F65

# Trichromacy



**Original Color**  
FF6418

**Protanomaly**  
C88420

**Deuteranomaly**  
D67F09

**Tritanomaly**  
FF6149

# Monochromacy



**Original Color**  
FF6418

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
B57C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6418 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 #FF6418 looks like.

```
.text, #text, p{  
    color:#FF6418  
}
```

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 #FF6418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6418
}
```

## Border

The CSS property to change the border of an element to Hex FF6418 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
#FF6418 }
```

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

```
.border{ border-color:#FF6418 }
```

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

Here you see how a box with a 4 pixel #FF6418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6418; -webkit-box-shadow:4px 4px  
4px 4px #FF6418; box-shadow:4px 4px 4px  
4px #FF6418 }
```

# Background

The CSS property to change the background color of an element to Hex FF6418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6418 }
```

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

```
.background{ background-color:#FF6418 }
```

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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