

# Converting Colors

Hex(FF8035)

Have a look what the booklet for  
Hex(FF8035) contains.

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**Color**

**Hex(F8035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8035
RGB	255, 128, 53
RGB Percent	100%, 50%, 21%
CMY	0.0000, 0.4980, 0.7922
CMYK	0.00, 0.50, 0.79, 0.00
HSL	22°, 100%, 60%
HSV	22°, 79%, 100%
XYZ	49.6018, 36.9554, 7.8870
YIQ	157.4230, 99.7670, 3.5990

# Conversions

## Conversions Part 2

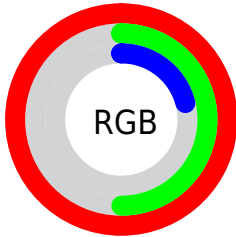
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 172, 53
Decimal	16744501
CIE <sub>Lab</sub>	67.24, 43.74, 60.15
CIE <sub>LCh</sub>	67, 74.377, 53.974
Yxy	36.9554, 0.5252, 0.3913
Android (android.graphics.Color)	4294934581 (0xFFFF8035)
YUV	157.4230, -51.4805, 85.5750
Hunter-Lab	60.7909, 39.2612, 34.8614

# Details

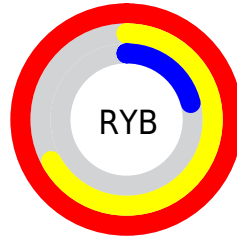
The Hex color **FF8035** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **35B4FF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB769**, and **BF4C00** is the 20% darker color. If you saturate the color by 10%, you get **FF701B**, and if you desaturate by 10%, it is **FF904F**.

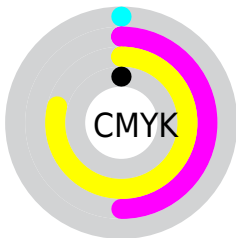
# Distribution



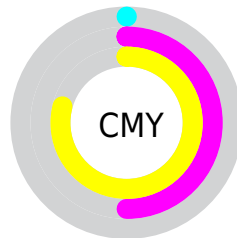
- Red (100%)
- Green (50%)
- Blue (21%)



- Red (100%)
- Yellow (67%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8035 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 FF8035 by changing the saturation by 10% instead.



 FF8035

 FF8035

FFFFFF

 DF6619

 FFB769

 BF4C00

 FFD383

 A03100

 FFF09F

 811500

 FFFFBA

 630000

 FFFFD7

 460000

 FFFFF3

 2C0001

 000000

 FF8035

 FF8035

■ FF701B

■ FF904F

■ FF6002

■ FFA068

■ FF5F00

■ FFB082

■ FFC09B

■ FFD0B4

■ FFE0CE

■ FFF0E8

FFFFFF

# Harmonies

## Analogous

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



FF6472



FF8035



CF9C00

# Triad

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



FF8035



00C294



8798FF

# Complementary

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



FF8035



35B4FF

# 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.



00B0FF



FF8035



00C2D8

# Square

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



FF8035



28BC4F



00BDFE



E778F4

# Rectangle

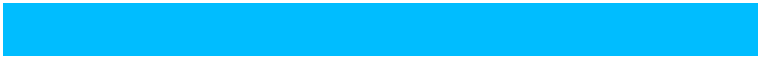
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8035



A6AA00



00BDFF



4AA1FF

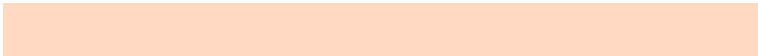


# Sweetspot

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



FF8035



FFD9C2



FF35B5



80685B



000000



808080



# Same Dimension

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



FF8035



FF670D



FFE435



807773



BF4700



401800



# Inverse Universe

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



35B4FF



0DA5FF



3550FF



737B80



0078BF



002840



# Previews

## White Background



This preview shows how the Hex color FF8035 looks on a white background.

## Color Contrast Check

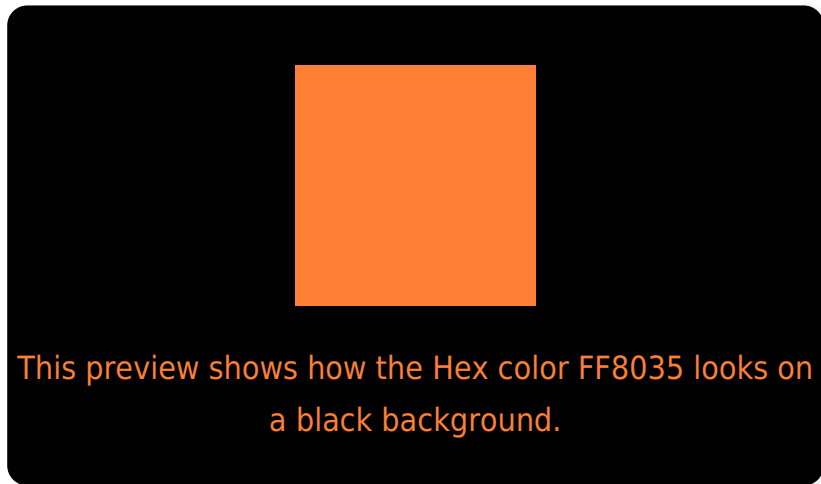
Large Text (above 18pt) WCAG AA × Fail

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 FF8035 Background



This preview shows how black text looks on a background with the Hex color FF8035.



This preview shows how white text looks on a background with the Hex color FF8035.

# 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**  
FF8035

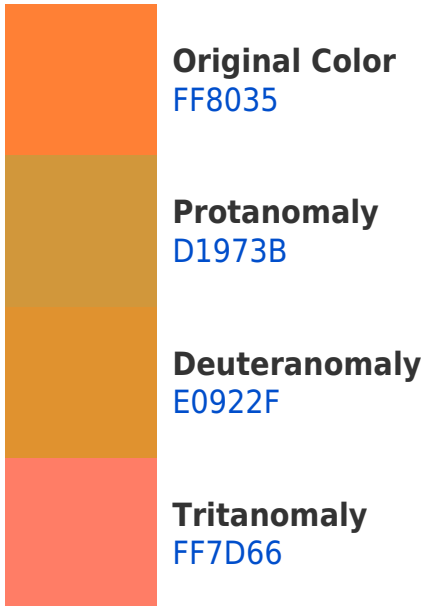
**Protanopia**  
B7A43F

**Deuteranopia**  
CE9C2B



**Tritanopia**  
FF7B82

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8035 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 #FF8035 looks like.

```
.text, #text, p{  
    color:#FF8035  
}
```

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 #FF8035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8035
}
```

## Border

The CSS property to change the border of an element to Hex FF8035 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
#FF8035 }
```

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

```
.border{ border-color:#FF8035 }
```

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

Here you see how a box with a 4 pixel #FF8035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8035; -webkit-box-shadow:4px 4px  
4px 4px #FF8035; box-shadow:4px 4px 4px  
4px #FF8035 }
```

# Background

The CSS property to change the background color of an element to Hex FF8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8035 }
```

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

```
.background{ background-color:#FF8035 }
```

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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