

# Converting Colors

Hex(FF8F34)

Have a look what the booklet for  
Hex(FF8F34) contains.

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**Color**

**Hex(F8F34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8F34
RGB	255, 143, 52
RGB Percent	100%, 56%, 20%
CMY	0.0000, 0.4392, 0.7961
CMYK	0.00, 0.44, 0.80, 0.00
HSL	27°, 100%, 60%
HSV	27°, 80%, 100%
XYZ	51.6823, 41.1529, 8.4682
YIQ	166.1140, 95.9630, -4.5570

# Conversions

## Conversions Part 2

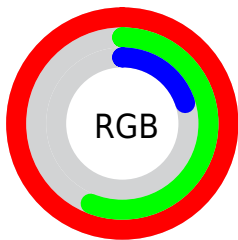
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 217, 52
Decimal	16748340
CIE Lab	70.28, 36.20, 63.39
CIE LCh	70, 72.999, 60.275
Yxy	41.1529, 0.5102, 0.4062
Android (android.graphics.Color)	4294938420 (0xFFFF8F34)
YUV	166.1140, -56.2582, 77.9530
Hunter-Lab	64.1505, 31.5436, 37.0788

# Details

The Hex color **FF8F34** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **34A4FF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC669**, and **C05B00** is the 20% darker color. If you saturate the color by 10%, you get **FF811A**, and if you desaturate by 10%, it is **FF9D4E**.

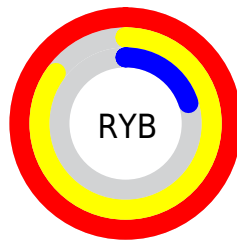
# Distribution



Red (100%)

Green (56%)

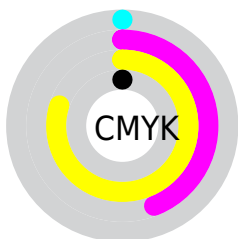
Blue (20%)



Red (100%)

Yellow (85%)

Blue (20%)

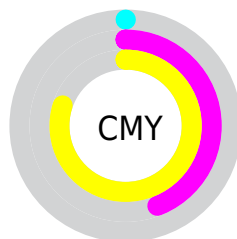


Cyan (0%)

Magenta (44%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8F34 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 FF8F34 by changing the saturation by 10% instead.



 FF8F34

 FF8F34

FFFFFF

 DF7516

 FFC669

 C05B00

 FFE284

 A14200

 FFFF9F

 822A00

 FFFFBB

 650F00

 FFFFD8

 480000

 FFFFF5

 300001

 000000

 FF8F34

 FF8F34

■ FF811A

■ FF9D4E

■ FF7301

■ FFAB67

■ FF7200

■ FFB981

■ FFC79A

■ FFD5B3

■ FFE3CD

■ FFF1E7

FFFFFF

# Harmonies

## Analogous

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



FF746D



FF8F34



CCA901

# Triad

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



FF8F34



00CBAA



AB9AFF

# Complementary

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



FF8F34



34A4FF

# 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.



00B3FF



FF8F34



00CAED

# Square

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



FF8F34



00C666



00C3FF



FC7CEF

# Rectangle

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



FF8F34



A1B616



00C3FF



80A3FF



# Sweetspot

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



FF8F34



FFDDC2



FF34A7



806B5B



000000



808080



# Same Dimension

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



FF8F34



FF780A



FFF134



807873



BF5600



401D00



# Inverse Universe

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



34A4FF



0A91FF



3442FF



737A80



006ABF



002340



# Previews

## White Background



This preview shows how the Hex color FF8F34 looks on a white background.

## Color Contrast Check

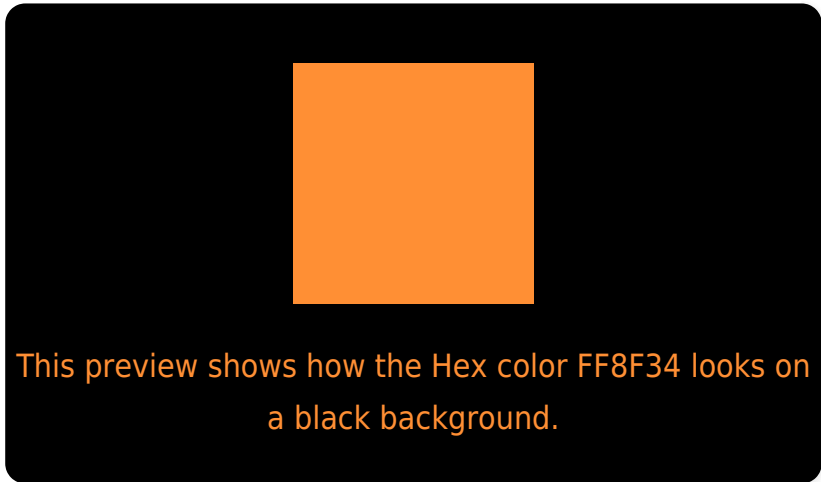
Large Text (above 18pt) WCAG AA × Fail

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 FF8F34 Background



This preview shows how black text looks on a background with the Hex color FF8F34.



This preview shows how white text looks on a background with the Hex color FF8F34.

# 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**  
FF8F34

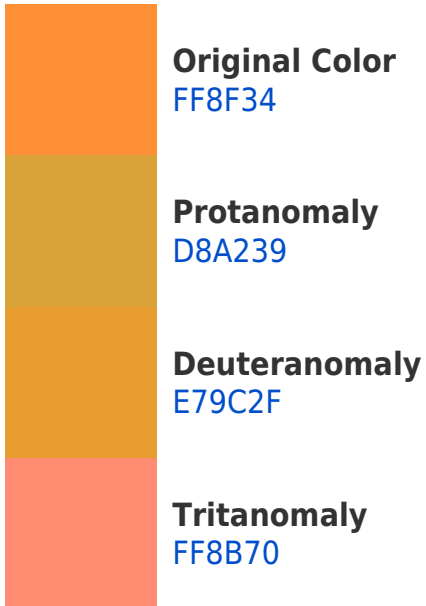
**Protanopia**  
C1AD3C

**Deuteranopia**  
D9A32C

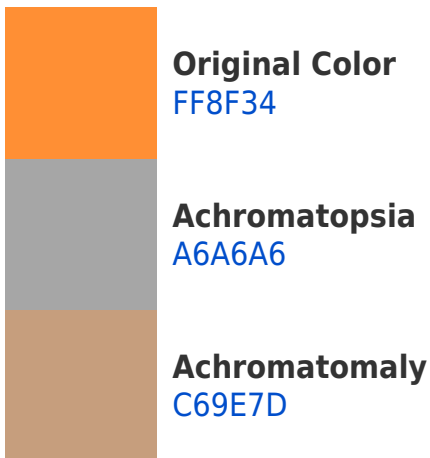


**Tritanopia**  
FF8992

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8F34 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 #FF8F34 looks like.

```
.text, #text, p{  
    color:#FF8F34  
}
```

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 #FF8F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8F34
}
```

## Border

The CSS property to change the border of an element to Hex FF8F34 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
#FF8F34 }
```

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

```
.border{ border-color:#FF8F34 }
```

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

Here you see how a box with a 4 pixel #FF8F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8F34; -webkit-box-shadow:4px 4px  
4px 4px #FF8F34; box-shadow:4px 4px 4px  
4px #FF8F34 }
```

# Background

The CSS property to change the background color of an element to Hex FF8F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8F34 }
```

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

```
.background{ background-color:#FF8F34 }
```

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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