

Converting Colors

Hex(FF8E34)

Have a look what the booklet for
Hex(FF8E34) contains.

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Color

Hex(FE8E34)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E34
RGB	255, 142, 52
RGB Percent	100%, 56%, 20%
CMY	0.0000, 0.4431, 0.7961
CMYK	0.00, 0.44, 0.80, 0.00
HSL	27°, 100%, 60%
HSV	27°, 80%, 100%
XYZ	51.5328, 40.8539, 8.4183
YIQ	165.5270, 96.2380, -4.0340

Conversions

Conversions Part 2

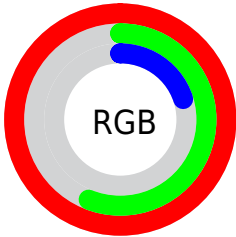
Format	Color
R_{YB}	255, 214, 52
Decimal	16748084
CIE Lab	70.07, 36.70, 63.20
CIE LCh	70, 73.085, 59.854
Yxy	40.8539, 0.5112, 0.4053
Android (android.graphics.Color)	4294938164 (0xFFFF8E34)
YUV	165.5270, -55.9688, 78.4678
Hunter-Lab	63.9171, 32.0599, 36.9330

Details

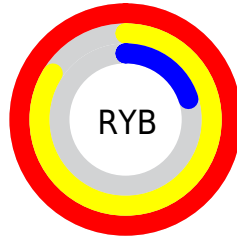
The Hex color **FF8E34** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **34A5FF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC569**, and **C05A00** is the 20% darker color. If you saturate the color by 10%, you get **FF801A**, and if you desaturate by 10%, it is **FF9C4E**.

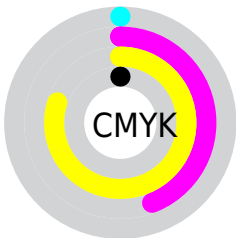
Distribution



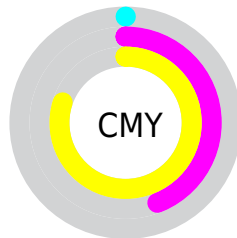
- Red (100%)
- Green (56%)
- Blue (20%)



- Red (100%)
- Yellow (84%)
- 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 FF8E34 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 FF8E34 by changing the saturation by 10% instead.

 FF8E34

 FF8E34

FFFFFF

 DF7416

 FFC569

 C05A00

 FFE184

 A14100

 FFFE9F

 822800

 FFFFBB

 640D00

 FFFFD8

 480000

 FFFFF5

 300002

 000000

 FF8E34

 FF8E34

 FF801A

 FF9C4E

 FF7201

 FFAA67

 FF7100

 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.



FF736D



FF8E34



CCA800

Triad

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



FF8E34



00CAA9



A89AFF

Complementary

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



FF8E34



34A5FF

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



FF8E34



00CAEC

Square

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



FF8E34



00C565



00C3FF



FA7BEF

Rectangle

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



FF8E34



A2B514



00C3FF



7DA3FF

Sweetspot

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



FF8E34



FFDDC2



FF34A7



806B5B



000000



808080

Same Dimension

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



FF8E34



FF770A



FFF134



807873



BF5500



401C00

Inverse Universe

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



34A5FF



0A92FF



3442FF



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FF8E34 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 FF8E34 Background



This preview shows how black text looks on a background with the Hex color FF8E34.



This preview shows how white text looks on a background with the Hex color FF8E34.

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
FF8E34

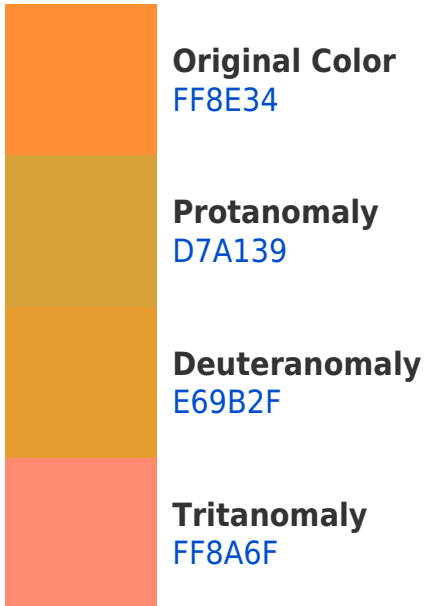
Protanopia
C0AC3C

Deuteranopia
D8A32C

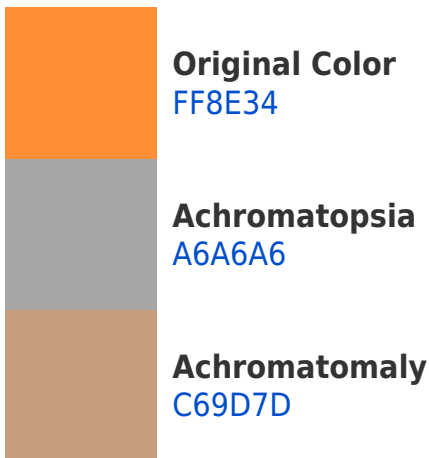


Tritanopia
FF8890

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8E34 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 #FF8E34 looks like.

```
.text, #text, p{  
    color:#FF8E34  
}
```

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 #FF8E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8E34
}
```

Border

The CSS property to change the border of an element to Hex FF8E34 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
#FF8E34 }
```

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

```
.border{ border-color:#FF8E34 }
```

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

Here you see how a box with a 4 pixel #FF8E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8E34; -webkit-box-shadow:4px 4px  
4px 4px #FF8E34; box-shadow:4px 4px 4px  
4px #FF8E34 }
```

Background

The CSS property to change the background color of an element to Hex FF8E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8E34 }
```

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

```
.background{ background-color:#FF8E34 }
```

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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