

Converting Colors

Hex(FF8A37)

Have a look what the booklet for
Hex(FF8A37) contains.

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Color

Hex(F8A37)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A37
RGB	255, 138, 55
RGB Percent	100%, 54%, 22%
CMY	0.0000, 0.4588, 0.7843
CMYK	0.00, 0.46, 0.78, 0.00
HSL	25°, 100%, 61%
HSV	25°, 78%, 100%
XYZ	51.0181, 39.7128, 8.5908
YIQ	163.5210, 96.3750, -1.0090

Conversions

Conversions Part 2

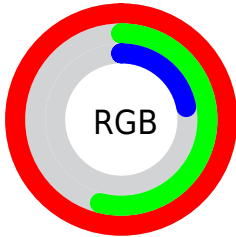
Format	Color
R _Y B	255, 197, 55
Decimal	16747063
CIE Lab	69.26, 38.83, 61.23
CIE LCh	69, 72.502, 57.618
Yxy	39.7128, 0.5137, 0.3998
Android (android.graphics.Color)	4294937143 (0xFFFF8A37)
YUV	163.5210, -53.5009, 80.2271
Hunter-Lab	63.0181, 34.2281, 36.0301

Details

The Hex color **FF8A37** 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 **37ACFF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC16B**, and **C05600** is the 20% darker color. If you saturate the color by 10%, you get **FF7B1D**, and if you desaturate by 10%, it is **FF9951**.

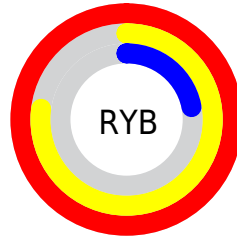
Distribution



Red (100%)

Green (54%)

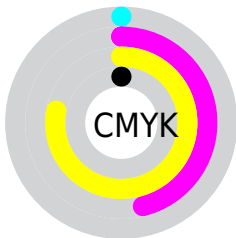
Blue (22%)



Red (100%)

Yellow (77%)

Blue (22%)

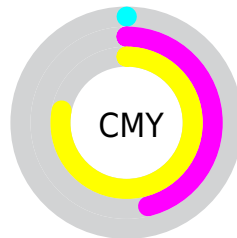


Cyan (0%)

Magenta (46%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8A37 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 FF8A37 by changing the saturation by 10% instead.

 FF8A37

 FF8A37

FFFFFF

 DF701B

 FFC16B

 C05600

 FFDD86

 A13D00

 FFFAA1

 822300

 FFFFBD

 640500

 FFFFDA

 470000

 FFFFF7

 2F0002

 000000

 FF8A37

 FF8A37

■ FF7B1D

■ FF9951

■ FF6C04

■ FFA86A

■ FF6A00

■ FFB784

■ FFC69D

■ FFD5B6

■ FFE4D0

■ FFF2EA

FFFFFF

Harmonies

Analogous

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



FF6F70



FF8A37



CEA401

Triad

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



FF8A37



00C7A2



9E9AFF

Complementary

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



FF8A37



37ACFF

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.



00B2FF



FF8A37



00C7E4

Square

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



FF8A37



1CC25F



00C1FF



F37CF1

Rectangle

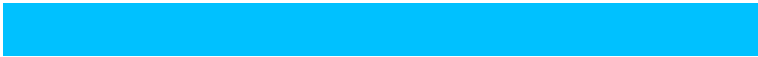
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8A37



A5B20E



00C1FF



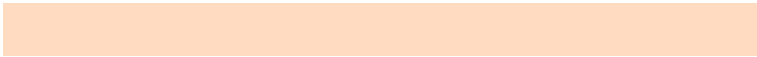
6FA3FF

Sweetspot

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



FF8A37



FFDBC2



FF37AF



806A5B



000000



808080

Same Dimension

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



FF8A37



FF730F



FFE837



807873



BF4F00



401A00

Inverse Universe

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



37ACFF



0F9CFF



374BFF



737A80



0070BF



002540

Previews

White Background



This preview shows how the Hex color FF8A37 looks on a white background.

Color Contrast Check

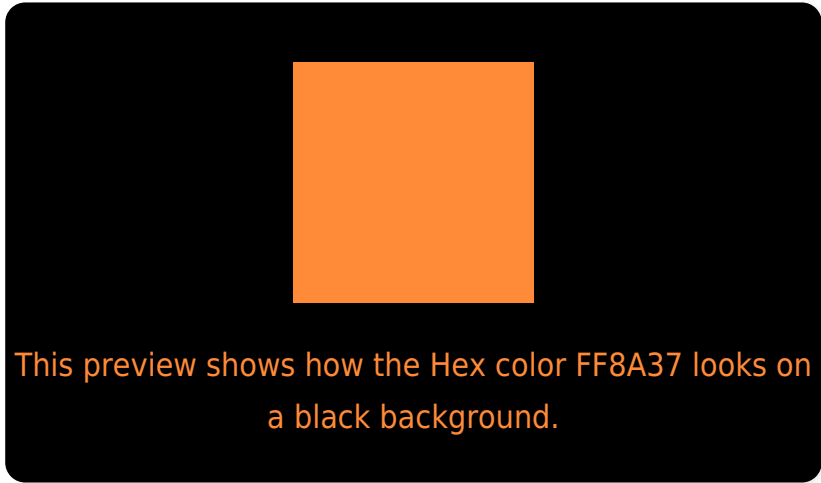
Large Text (above 18pt) WCAG AA × Fail

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

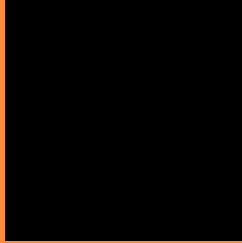
Any Text WCAG AA ✓ Pass

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 FF8A37 Background



This preview shows how black text looks on a background with the Hex color FF8A37.



This preview shows how white text looks on a background with the Hex color FF8A37.

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
FF8A37

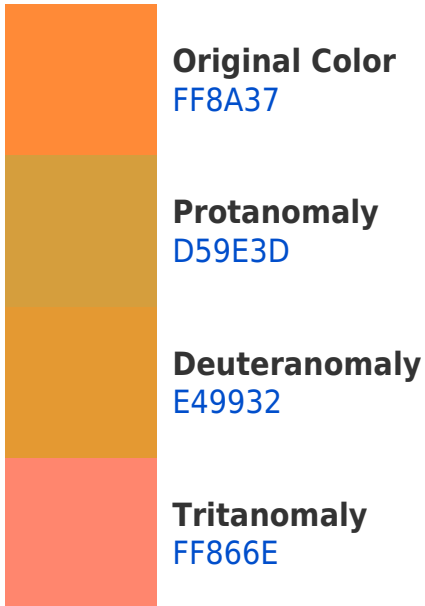
Protanopia
BDAA40

Deuteranopia
D5A12F

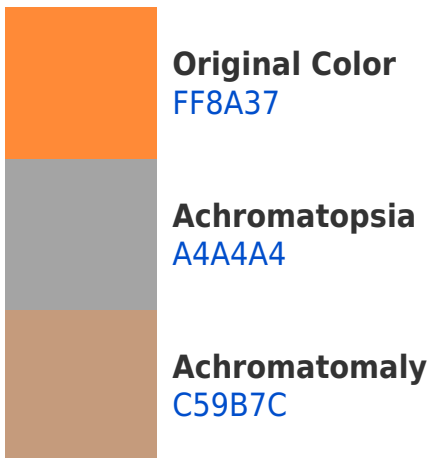


Tritanopia
FF848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8A37 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 #FF8A37 looks like.

```
.text, #text, p{  
    color:#FF8A37  
}
```

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 #FF8A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8A37
}
```

Border

The CSS property to change the border of an element to Hex FF8A37 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
#FF8A37 }
```

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

```
.border{ border-color:#FF8A37 }
```

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

Here you see how a box with a 4 pixel #FF8A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8A37; -webkit-box-shadow:4px 4px  
4px 4px #FF8A37; box-shadow:4px 4px 4px  
4px #FF8A37 }
```

Background

The CSS property to change the background color of an element to Hex FF8A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8A37 }
```

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

```
.background{ background-color:#FF8A37 }
```

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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