

Converting Colors

Hex(FF8C37)

Have a look what the booklet for
Hex(FF8C37) contains.

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Color

Hex(F8C37)

Conversions

Conversions Part 1

Format	Color
Hex	FF8C37
RGB	255, 140, 55
RGB Percent	100%, 55%, 22%
CMY	0.0000, 0.4510, 0.7843
CMYK	0.00, 0.45, 0.78, 0.00
HSL	26°, 100%, 61%
HSV	26°, 78%, 100%
XYZ	51.3077, 40.2920, 8.6874
YIQ	164.6950, 95.8250, -2.0550

Conversions

Conversions Part 2

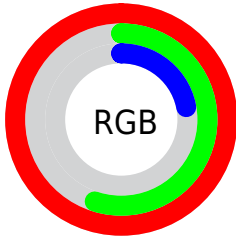
Format	Color
R_{YB}	255, 203, 55
Decimal	16747575
CIE _{Lab}	69.68, 37.82, 61.62
CIE _{LCh}	70, 72.298, 58.460
Yxy	40.2920, 0.5116, 0.4018
Android (android.graphics.Color)	4294937655 (0xFFFF8C37)
YUV	164.6950, -54.0796, 79.1975
Hunter-Lab	63.4760, 33.1987, 36.3187

Details

The Hex color **FF8C37** 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 **37A AFF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC36C**, and **C05800** is the 20% darker color. If you saturate the color by 10%, you get **FF7D1D**, and if you desaturate by 10%, it is **FF9B51**.

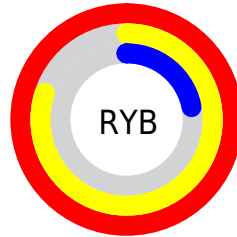
Distribution



Red (100%)

Green (55%)

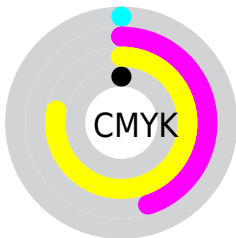
Blue (22%)



Red (100%)

Yellow (80%)

Blue (22%)

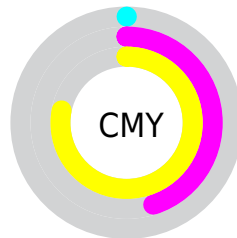


Cyan (0%)

Magenta (45%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8C37 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 FF8C37 by changing the saturation by 10% instead.

 FF8C37

 FF8C37

FFFFFF

 DF721B

 FFC36C

 C05800

 FFDF86

 A13F00

 FFFCA2

 822600

 FFFFBD

 640900

 FFFFDA

 480000

 FFFFF7

 2F0002

 000000

 FF8C37

 FF8C37

■ FF7D1D

■ FF9B51

■ FF6F04

■ FFA96A

■ FF6C00

■ FFB884

■ FFC79D

■ FFD5B6

■ FFE4D0

■ FFF3EA

FFFFFF

Harmonies

Analogous

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



FF7170



FF8C37



CDA604

Triad

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



FF8C37



00C8A5



A29AFF

Complementary

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



FF8C37



37A AFF

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



FF8C37



00C8E7

Square

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



FF8C37



16C362



00C2FF



F67CF0

Rectangle

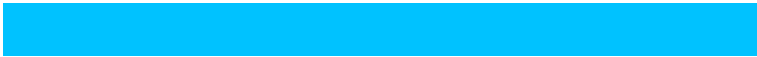
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8C37



A4B313



00C2FF



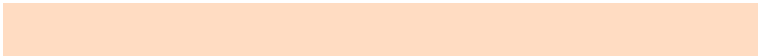
76A3FF

Sweetspot

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



FF8C37



FFDCC2



FF37AC



806A5B



000000



808080

Same Dimension

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



FF8C37



FF750F



FFEE37



807873



BF5100



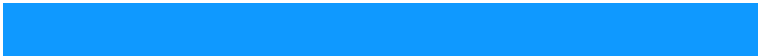
401B00

Inverse Universe

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



37A AFF



0F99FF



3748FF



737A80



006EBF



002540

Previews

White Background



This preview shows how the Hex color FF8C37 looks on a white background.

Color Contrast Check

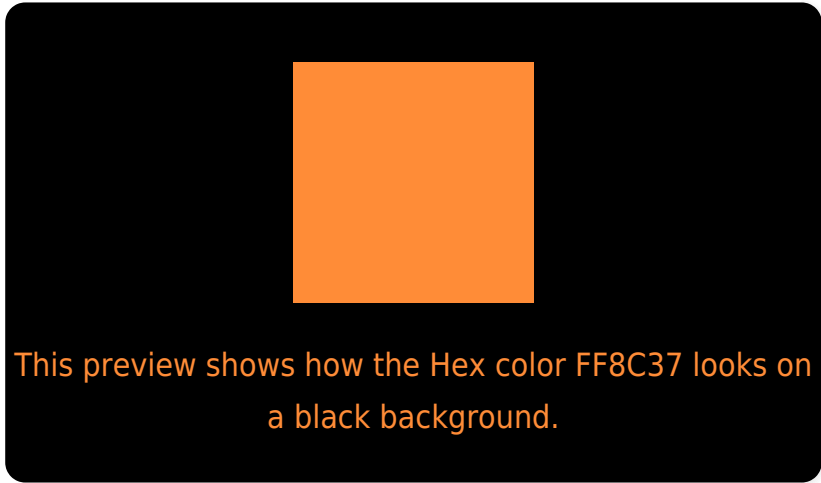
Large Text (above 18pt) WCAG AA × Fail

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 FF8C37 Background



This preview shows how black text looks on a background with the Hex color FF8C37.



This preview shows how white text looks on a background with the Hex color FF8C37.

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
FF8C37

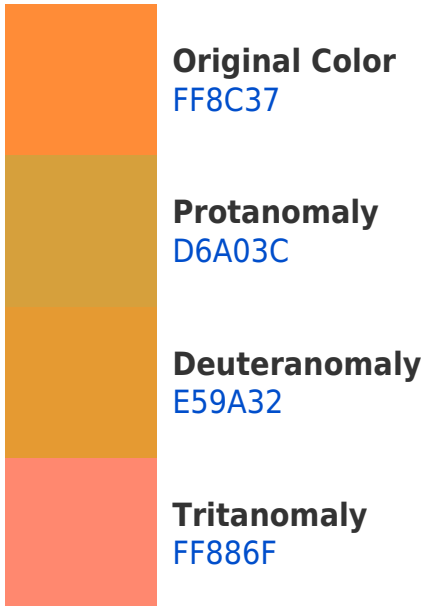
Protanopia
BFAB3F

Deuteranopia
D6A22F

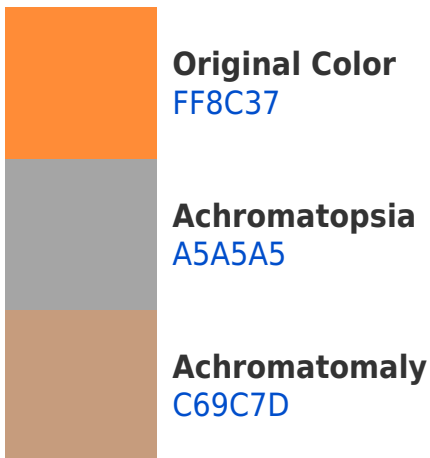


Tritanopia
FF868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8C37 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 #FF8C37 looks like.

```
.text, #text, p{  
    color:#FF8C37  
}
```

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 #FF8C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8C37
}
```

Border

The CSS property to change the border of an element to Hex FF8C37 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
#FF8C37 }
```

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

```
.border{ border-color:#FF8C37 }
```

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

Here you see how a box with a 4 pixel #FF8C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8C37; -webkit-box-shadow:4px 4px  
4px 4px #FF8C37; box-shadow:4px 4px 4px  
4px #FF8C37 }
```

Background

The CSS property to change the background color of an element to Hex FF8C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8C37 }
```

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

```
.background{ background-color:#FF8C37 }
```

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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