

Converting Colors

Hex(FF8730)

Have a look what the booklet for
Hex(FF8730) contains.

Hex(FF8730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F8730)

Conversions

Conversions Part 1

Format	Color
Hex	FF8730
RGB	255, 135, 48
RGB Percent	100%, 53%, 19%
CMY	0.0000, 0.4706, 0.8118
CMYK	0.00, 0.47, 0.81, 0.00
HSL	25°, 100%, 59%
HSV	25°, 81%, 100%
XYZ	50.4375, 38.8013, 7.6274
YIQ	160.9620, 99.4470, -1.6170

Conversions

Conversions Part 2

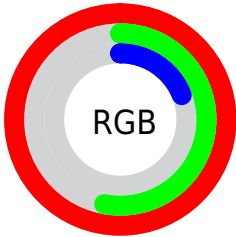
Format	Color
R _Y B	255, 198, 48
Decimal	16746288
CIE _{Lab}	68.61, 40.12, 63.43
CIE _{LCh}	69, 75.049, 57.689
Yxy	38.8013, 0.5207, 0.4006
Android (android.graphics.Color)	4294936368 (0xFFFF8730)
YUV	160.9620, -55.6903, 82.4713
Hunter-Lab	62.2907, 35.5246, 36.3436

Details

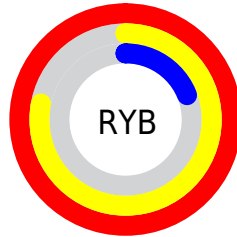
The Hex color **FF8730** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **30A8FF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBE65**, and **BF5300** is the 20% darker color. If you saturate the color by 10%, you get **FF7817**, and if you desaturate by 10%, it is **FF964A**.

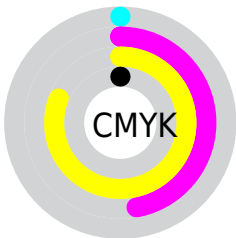
Distribution



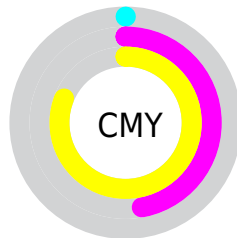
- Red (100%)
- Green (53%)
- Blue (19%)



- Red (100%)
- Yellow (78%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8730 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 FF8730 by changing the saturation by 10% instead.

 FF8730

 FF8730

FFFFFF

 DF6D11

 FFBE65

 BF5300

 FFDA80

 A03A00

 FFF79B

 822000

 FFFFB7

 640000

 FFFFD3

 470000

 FFFFF0

 2E0002

 000000

 FF8730

 FF8730

■ FF7817

■ FF964A

■ FF6B00

■ FFA563

■ FFB37D

■ FFC296

■ FFD1B0

■ FFE0C9

■ FFE0C9

■ FFE0C9

■ FFE0C9

■ FFE0C9

■ FFE0C9

■ FFE0C9

■ FFE0C9

Harmonies

Analogous

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



FF6A6D



FF8730



CCA200

Triad

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



FF8730



00C6A0



9B98FF

Complementary

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



FF8730



30A8FF

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.



00B1FF



FF8730



00C6E5

Square

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



FF8730



00C15A



00C0FF



F377F1

Rectangle

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



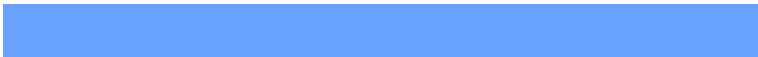
FF8730



A2B000



00C0FF



69A1FF

Sweetspot

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



FF8730



FFDCC2



FF30A9



806A5B



000000



808080

Same Dimension

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



FF8730



FF7008



FFEE30



807873



BF5000



401B00

Inverse Universe

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



30A8FF



0897FF



3041FF



737A80



006FBF



002540

Previews

White Background



This preview shows how the Hex color FF8730 looks on a white background.

Color Contrast Check

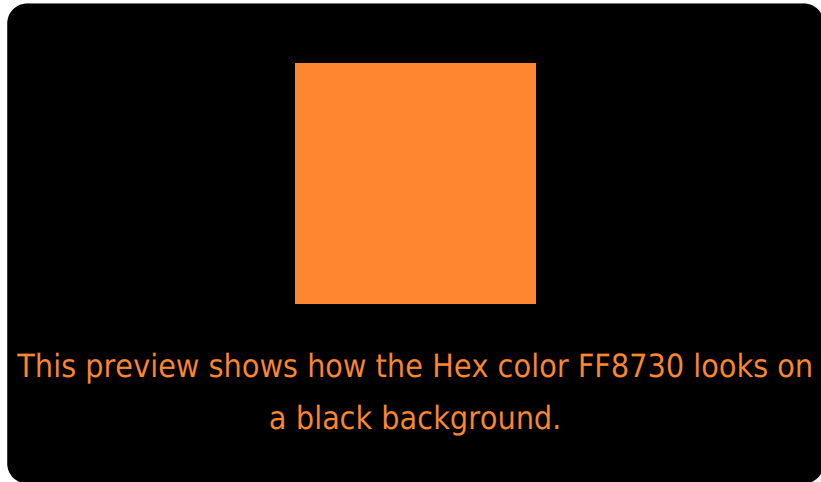
Large Text (above 18pt) WCAG AA × Fail

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 FF8730 Background



This preview shows how black text looks on a background with the Hex color FF8730.

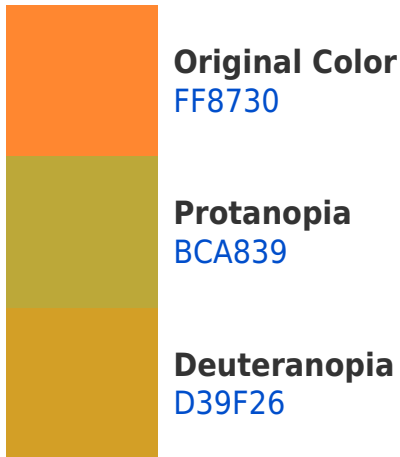


This preview shows how white text looks on a background with the Hex color FF8730.

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](#).

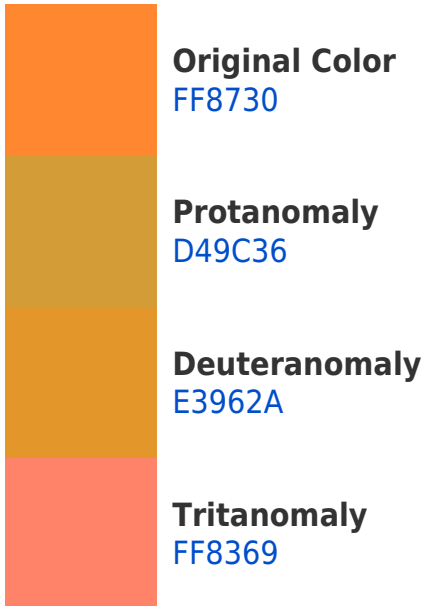
Dichromacy



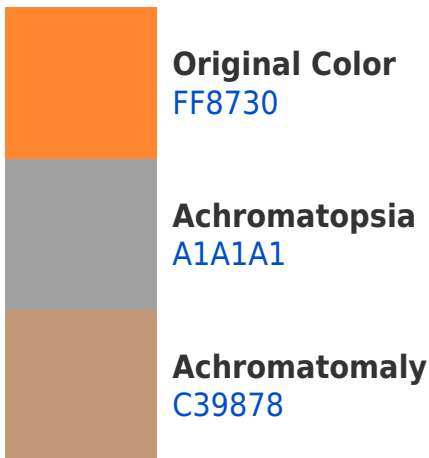


Tritanopia
FF8189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8730 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 #FF8730 looks like.

```
.text, #text, p{  
    color:#FF8730  
}
```

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 #FF8730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8730
}
```

Border

The CSS property to change the border of an element to Hex FF8730 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
#FF8730 }
```

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

```
.border{ border-color:#FF8730 }
```

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

Here you see how a box with a 4 pixel #FF8730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8730; -webkit-box-shadow:4px 4px  
4px 4px #FF8730; box-shadow:4px 4px 4px  
4px #FF8730 }
```

Background

The CSS property to change the background color of an element to Hex FF8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8730 }
```

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

```
.background{ background-color:#FF8730 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor