

Converting Colors

Hex(FF8042)

Have a look what the booklet for
Hex(FF8042) contains.

Hex(FF8042)	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(F8042)

Conversions

Conversions Part 1

Format	Color
Hex	FF8042
RGB	255, 128, 66
RGB Percent	100%, 50%, 26%
CMY	0.0000, 0.4980, 0.7412
CMYK	0.00, 0.50, 0.74, 0.00
HSL	20°, 100%, 63%
HSV	20°, 74%, 100%
XYZ	49.9425, 37.0917, 9.6814
YIQ	158.9050, 95.5940, 7.6420

Conversions

Conversions Part 2

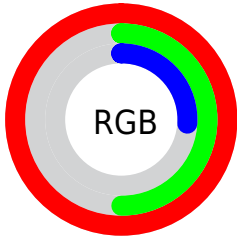
Format	Color
RYB	255, 158, 66
Decimal	16744514
CIELab	67.35, 44.22, 54.43
CIELCh	67, 70.133, 50.908
Yxy	37.0917, 0.5164, 0.3835
Android (android.graphics.Color)	4294934594 (0xFFFF8042)
YUV	158.9050, -45.8022, 84.2753
Hunter-Lab	60.9029, 39.7961, 33.2071

Details

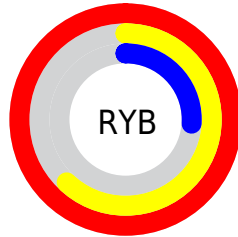
The Hex color **FF8042** is a light color, and the websafe version is hex **FF6633**. The color can be described as light washed orange. A complement of this color would be **42C1FF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB775**, and **C04B0D** is the 20% darker color. If you saturate the color by 10%, you get **FF6F28**, and if you desaturate by 10%, it is **FF915B**.

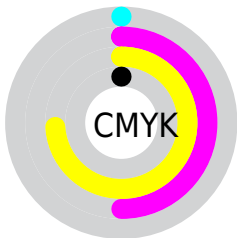
Distribution



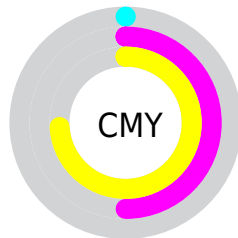
- Red (100%)
- Green (50%)
- Blue (26%)



- Red (100%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8042 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 FF8042 by changing the saturation by 10% instead.

 FF8042

 FF8042

FFFFFF

 DF6529

 FFB775

 C04B0D

 FFD390

 A13100

 FFF0AB

 821400

 FFFFC6

 640000

 FFFF E3

 470000

 2D0001

 000000

 FF8042

 FF8042

 FF6F28

 FF915B

 FF5E0F

 FFA275

 FF5400

 FFB38F

 FFC5A8

 FFD6C2

 FFE7DB

 FFF8F4

FFFFFF

Harmonies

Analogous

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



FF697B



FF8042



D39A10

Triad

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



FF8042



00C08E



7D9BFF

Complementary

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



FF8042



42C1FF

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



FF8042



00C1CF

Square

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



FF8042



46BA4F



00BDFE



DD7FE5

Rectangle

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



FF8042



AEA807



00BDFF



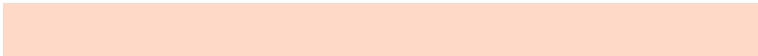
40A4FF

Sweetspot

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



FF8042



FFD9C7



FF42C3



80695E



000000



808080

Same Dimension

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



FF8042



FF661C



FFDC42



807773



BF3F00



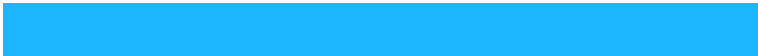
401500

Inverse Universe

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



42C1FF



1CB5FF



4265FF



737B80



0081BF



002B40

Previews

White Background



This preview shows how the Hex color FF8042 looks on a white background.

Color Contrast Check

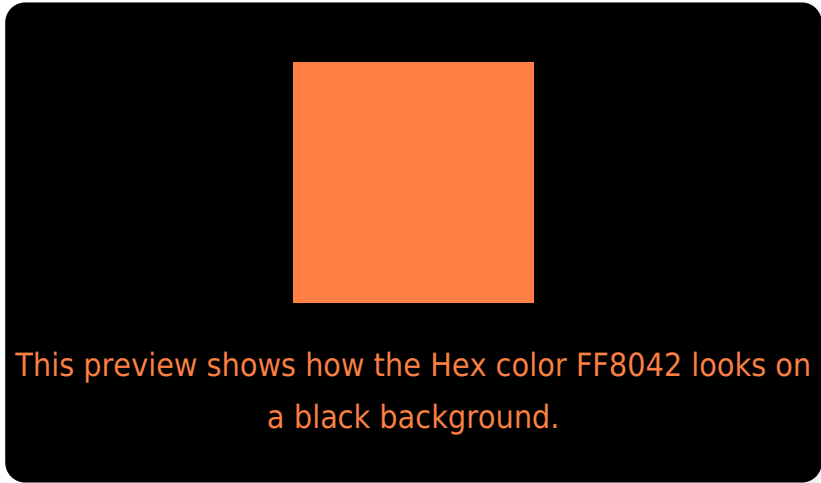
Large Text (above 18pt) WCAG AA × Fail

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 FF8042 Background



This preview shows how black text looks on a background with the Hex color FF8042.

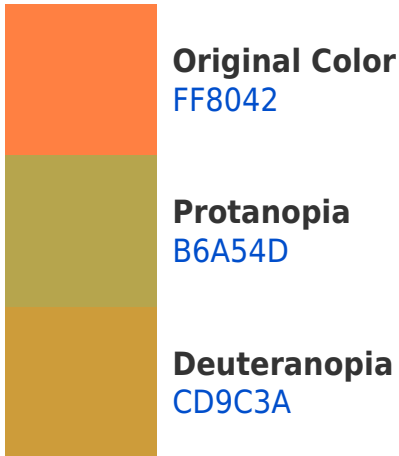


This preview shows how white text looks on a background with the Hex color FF8042.

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](#).

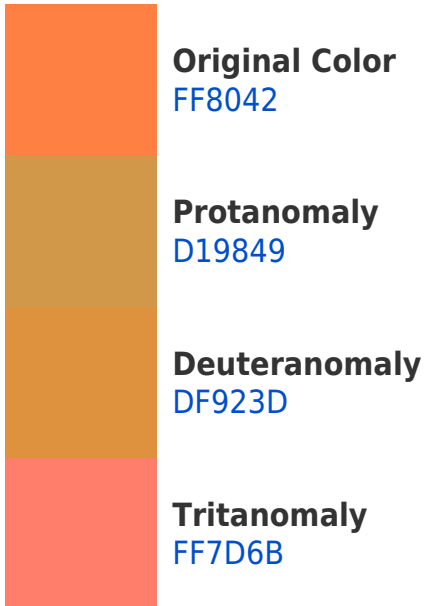
Dichromacy



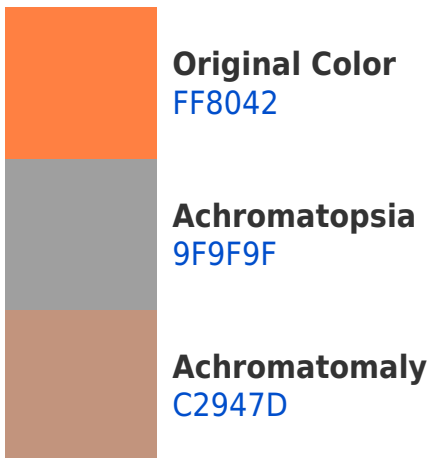


Tritanopia
FF7B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8042 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 #FF8042 looks like.

```
.text, #text, p{  
    color:#FF8042  
}
```

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 #FF8042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8042
}
```

Border

The CSS property to change the border of an element to Hex FF8042 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
#FF8042 }
```

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

```
.border{ border-color:#FF8042 }
```

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

Here you see how a box with a 4 pixel #FF8042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8042; -webkit-box-shadow:4px 4px  
4px 4px #FF8042; box-shadow:4px 4px 4px  
4px #FF8042 }
```

Background

The CSS property to change the background color of an element to Hex FF8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8042 }
```

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

```
.background{ background-color:#FF8042 }
```

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