

# Converting Colors

Hex(FF8445)

Have a look what the booklet for  
Hex(FF8445) contains.

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**Color**

**Hex(F8445)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8445
RGB	255, 132, 69
RGB Percent	100%, 52%, 27%
CMY	0.0000, 0.4824, 0.7294
CMYK	0.00, 0.48, 0.73, 0.00
HSL	20°, 100%, 64%
HSV	20°, 73%, 100%
XYZ	50.5654, 38.1922, 10.3370
YIQ	161.5950, 93.5310, 6.4830

# Conversions

## Conversions Part 2

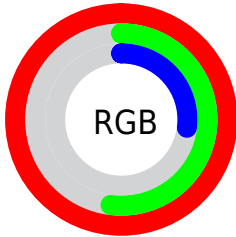
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 164, 69
Decimal	16745541
CIE Lab	68.16, 42.38, 53.87
CIE LCh	68, 68.539, 51.810
Yxy	38.1922, 0.5103, 0.3854
Android (android.graphics.Color)	4294935621 (0xFFFF8445)
YUV	161.5950, -45.6493, 81.9162
Hunter-Lab	61.7998, 37.9013, 33.3427

# Details

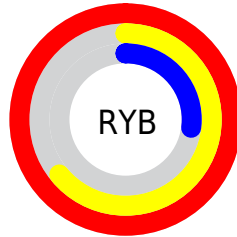
The Hex color **FF8445** is a light color, and the websafe version is hex **FF6633**. The color can be described as light washed orange. A complement of this color would be **45C0FF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBB78**, and **C05011** is the 20% darker color. If you saturate the color by 10%, you get **FF732B**, and if you desaturate by 10%, it is **FF955E**.

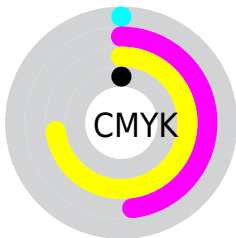
# Distribution



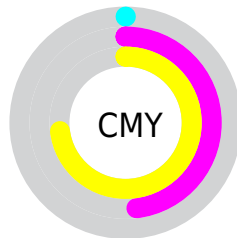
- Red (100%)
- Green (52%)
- Blue (27%)



- Red (100%)
- Yellow (64%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8445 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 FF8445 by changing the saturation by 10% instead.



 FF8445

 FF8445

FFFFFF

 DF6A2C

 FFBB78

 C05011

 FFD793

 A13600

 FFF4AE

 831A00

 FFFFCA

 640000

 FFFF E6

 470000

 2E0002

 000000

 FF8445

 FF8445

■ FF732B

■ FF955E

■ FF6212

■ FFA678

■ FF5600

■ FFB792

■ FFC7AB

■ FFD8C4

■ FFE9DE

■ FFFAF7

FFFFFF

# Harmonies

## Analogous

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



FF6E7C



FF8445



D49D1A

# Triad

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



FF8445



00C293



869DFF

# Complementary

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



FF8445



45C0FF

# 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



FF8445



00C3D2

# Square

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



FF8445



48BC55



00BFFF



E081F4

# Rectangle

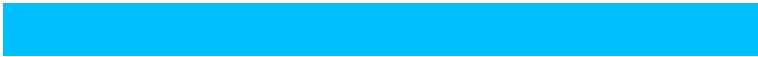
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8445



AEAB17



00BFFF



51A5FF

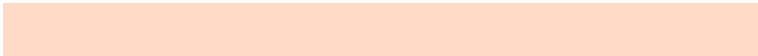


# Sweetspot

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



FF8445



FFDAC7



FF45C1



806A5E



000000



808080



# Same Dimension

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



FF8445



FF6B1F



FFE045



807773



BF4100



401600

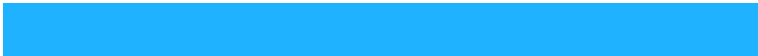


# Inverse Universe

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



45C0FF



1FB3FF



4564FF



737B80



007EBF



002A40



# Previews

## White Background



This preview shows how the Hex color FF8445 looks on a white background.

## Color Contrast Check

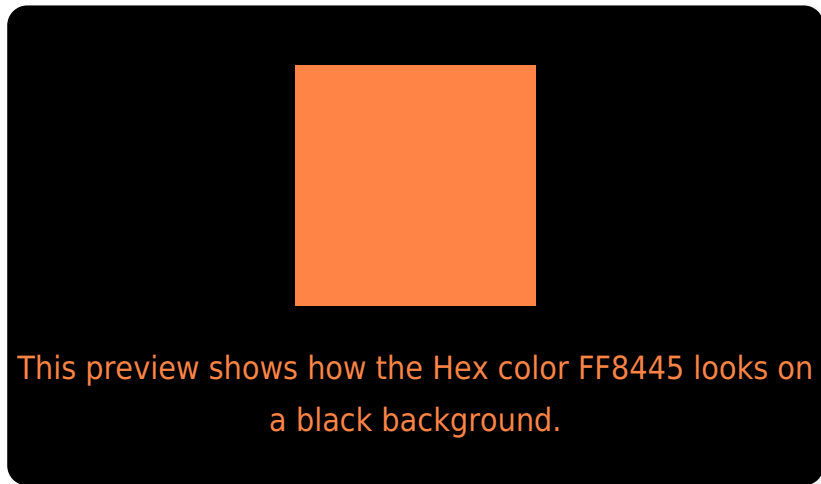
Large Text (above 18pt) WCAG AA × Fail

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 FF8445 Background



This preview shows how black text looks on a background with the Hex color FF8445.



This preview shows how white text looks on a background with the Hex color FF8445.

# 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](#).

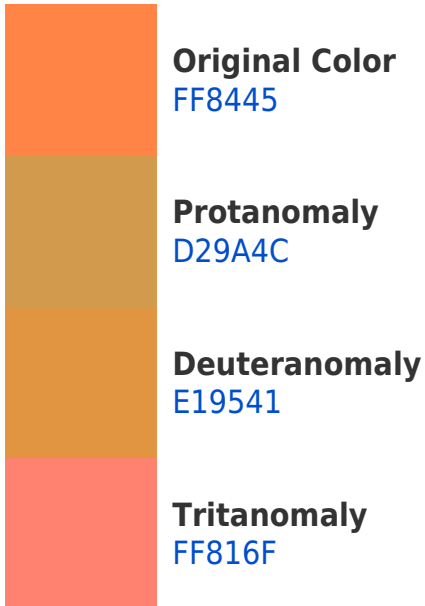
## Dichromacy



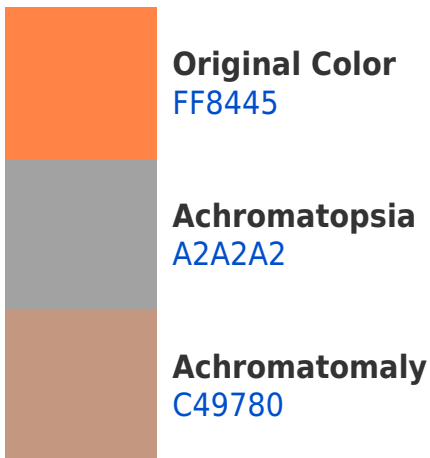


**Tritanopia**  
FF7F87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8445 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 #FF8445 looks like.

```
.text, #text, p{  
    color:#FF8445  
}
```

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 #FF8445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8445
}
```

## Border

The CSS property to change the border of an element to Hex FF8445 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
#FF8445 }
```

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

```
.border{ border-color:#FF8445 }
```

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

Here you see how a box with a 4 pixel #FF8445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8445; -webkit-box-shadow:4px 4px  
4px 4px #FF8445; box-shadow:4px 4px 4px  
4px #FF8445 }
```

# Background

The CSS property to change the background color of an element to Hex FF8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8445 }
```

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

```
.background{ background-color:#FF8445 }
```

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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