

Converting Colors

Hex(FF8142)

Have a look what the booklet for
Hex(FF8142) contains.

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Color

Hex(F8142)

Conversions

Conversions Part 1

Format	Color
Hex	FF8142
RGB	255, 129, 66
RGB Percent	100%, 51%, 26%
CMY	0.0000, 0.4941, 0.7412
CMYK	0.00, 0.49, 0.74, 0.00
HSL	20°, 100%, 63%
HSV	20°, 74%, 100%
XYZ	50.0736, 37.3539, 9.7251
YIQ	159.4920, 95.3190, 7.1190

Conversions

Conversions Part 2

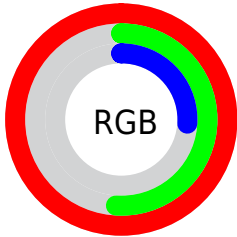
Format	Color
R _Y B	255, 161, 66
Decimal	16744770
CIE Lab	67.54, 43.73, 54.64
CIE LCh	68, 69.983, 51.326
Yxy	37.3539, 0.5154, 0.3845
Android (android.graphics.Color)	4294934850 (0xFFFF8142)
YUV	159.4920, -46.0916, 83.7605
Hunter-Lab	61.1178, 39.2883, 33.3482

Details

The Hex color **FF8142** 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 **42C0FF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB875**, and **C04C0D** is the 20% darker color. If you saturate the color by 10%, you get **FF7028**, and if you desaturate by 10%, it is **FF925B**.

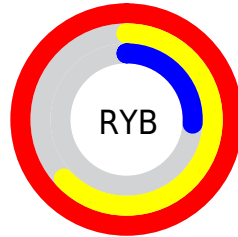
Distribution



Red (100%)

Green (51%)

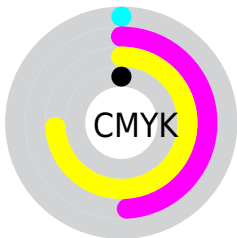
Blue (26%)



Red (100%)

Yellow (63%)

Blue (26%)

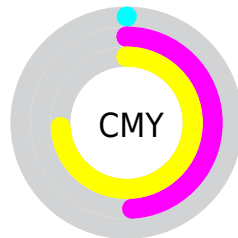


Cyan (0%)

Magenta (49%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8142 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 FF8142 by changing the saturation by 10% instead.

 FF8142

 FF8142

FFFFFF

 DF6729

 FFB875

 C04C0D

 FFD490

 A13200

 FFF1AB

 821600

 FFFFC7

 640000

 FFFF E3

 470000

 2D0001

 000000

 FF8142

 FF8142

 FF7028

 FF925B

 FF5F0F

 FFA375

 FF5500

 FFB48F

 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.



FF6A7A



FF8142



D39B11

Triad

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



FF8142



00C18F



809CFF

Complementary

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



FF8142



42C0FF

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



FF8142



00C2D1

Square

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



FF8142



45BB50



00BDFE



DF7FF4

Rectangle

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



FF8142



ADA90A



00BDFF



46A4FF

Sweetspot

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



FF8142



FFDAC7



FF42C0



80695E



000000



808080

Same Dimension

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



FF8142



FF681C



FFE042



807773



BF4000



401500

Inverse Universe

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



42C0FF



1CB3FF



4262FF



737B80



007FBF



002A40

Previews

White Background



This preview shows how the Hex color FF8142 looks on a white background.

Color Contrast Check

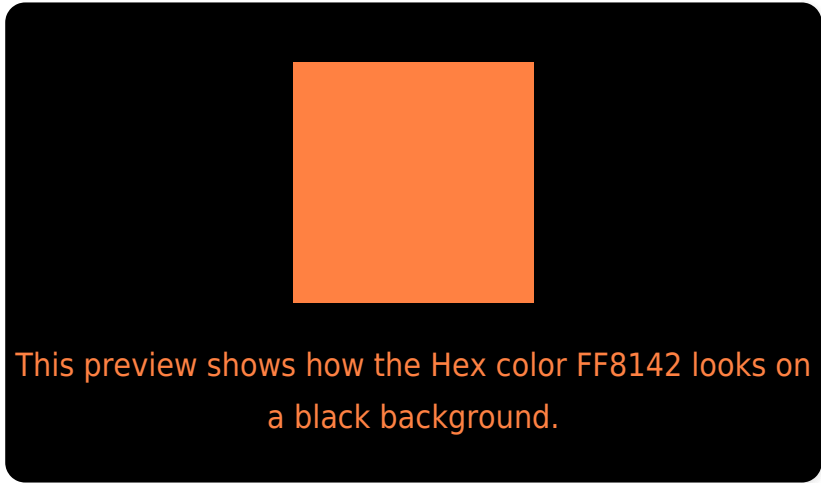
Large Text (above 18pt) WCAG AA × Fail

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 FF8142 Background



This preview shows how black text looks on a background with the Hex color FF8142.



This preview shows how white text looks on a background with the Hex color FF8142.

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
FF8142

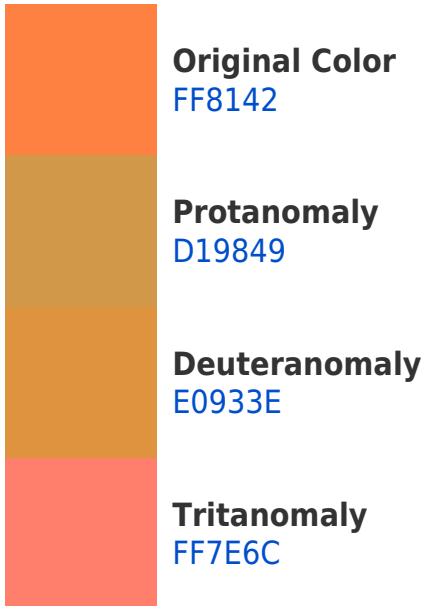
Protanopia
B7A54D

Deuteranopia
CE9D3B

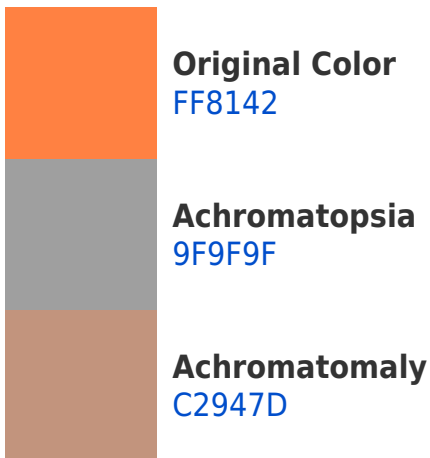


Tritanopia
FF7C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8142 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 #FF8142 looks like.

```
.text, #text, p{  
    color:#FF8142  
}
```

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 #FF8142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8142
}
```

Border

The CSS property to change the border of an element to Hex FF8142 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
#FF8142 }
```

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

```
.border{ border-color:#FF8142 }
```

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

Here you see how a box with a 4 pixel #FF8142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8142; -webkit-box-shadow:4px 4px  
4px 4px #FF8142; box-shadow:4px 4px 4px  
4px #FF8142 }
```

Background

The CSS property to change the background color of an element to Hex FF8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8142 }
```

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

```
.background{ background-color:#FF8142 }
```

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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