

Converting Colors

Hex(FF8941)

Have a look what the booklet for
Hex(FF8941) contains.

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Color

Hex(F8941)

Conversions

Conversions Part 1

Format	Color
Hex	FF8941
RGB	255, 137, 65
RGB Percent	100%, 54%, 25%
CMY	0.0000, 0.4627, 0.7451
CMYK	0.00, 0.46, 0.75, 0.00
HSL	23°, 100%, 63%
HSV	23°, 75%, 100%
XYZ	51.1398, 39.5330, 9.9363
YIQ	164.0740, 93.4400, 2.6240

Conversions

Conversions Part 2

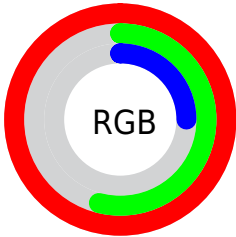
Format	Color
R _Y B	255, 181, 65
Decimal	16746817
CIE Lab	69.14, 39.71, 56.74
CIE LCh	69, 69.256, 55.016
Yxy	39.5330, 0.5083, 0.3929
Android (android.graphics.Color)	4294936897 (0xFFFF8941)
YUV	164.0740, -48.8435, 79.7421
Hunter-Lab	62.8753, 35.1519, 34.6430

Details

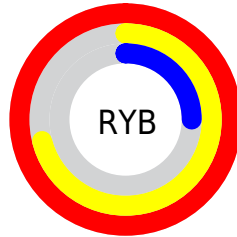
The Hex color **FF8941** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41B7FF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC075**, and **C05508** is the 20% darker color. If you saturate the color by 10%, you get **FF7927**, and if you desaturate by 10%, it is **FF995A**.

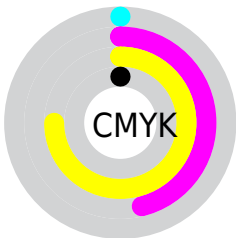
Distribution



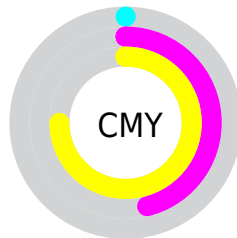
- Red (100%)
- Green (54%)
- Blue (25%)



- Red (100%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8941 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 FF8941 by changing the saturation by 10% instead.

 FF8941

 FF8941

FFFFFF

 DF6F27

 FFC075

 C05508

 FFDC8F

 A13C00

 FFF9AA

 832200

 FFFFC6

 650200

 FFFF E3

 480000

 2F0002

 000000

 FF8941

 FF8941

■ FF7927

■ FF995A

■ FF690E

■ FFA974

■ FF6100

■ FFB98E

■ FFC8A7

■ FFD8C1

■ FFE8DA

■ FFF8F3

FFFFFF

Harmonies

Analogous

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



FF7178



FF8941



D1A218

Triad

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



FF8941



00C69C



959DFF

Complementary

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



FF8941



41B7FF

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



FF8941



00C6DC

Square

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



FF8941



3CC05D



00C1FF



EA81F2

Rectangle

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



FF8941



ABAF1B



00C1FF



67A5FF

Sweetspot

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



FF8941



FFDCC7



FF41B9



806B5E



000000



808080

Same Dimension

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



FF8941



FF721C



FFE641



807873



BF4800



401800

Inverse Universe

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



41B7FF



1CA9FF



415AFF



737B80



0077BF



002840

Previews

White Background



This preview shows how the Hex color FF8941 looks on a white background.

Color Contrast Check

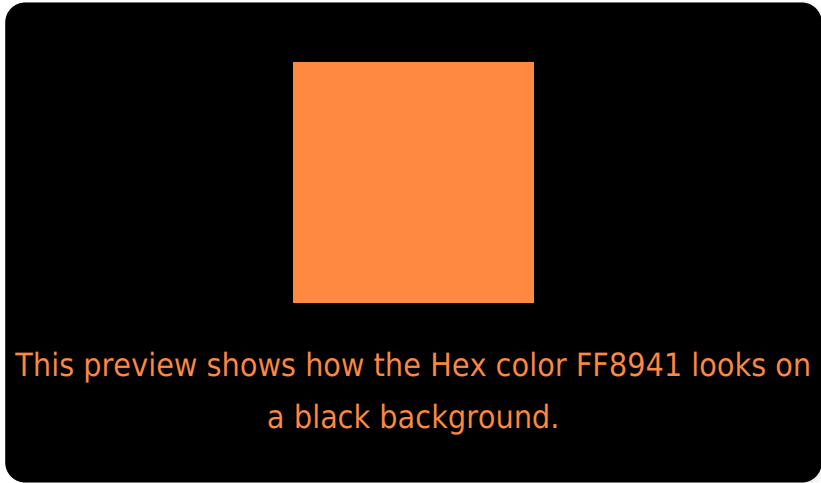
Large Text (above 18pt) WCAG AA × Fail

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 FF8941 Background



This preview shows how black text looks on a background with the Hex color FF8941.



This preview shows how white text looks on a background with the Hex color FF8941.

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
FF8941

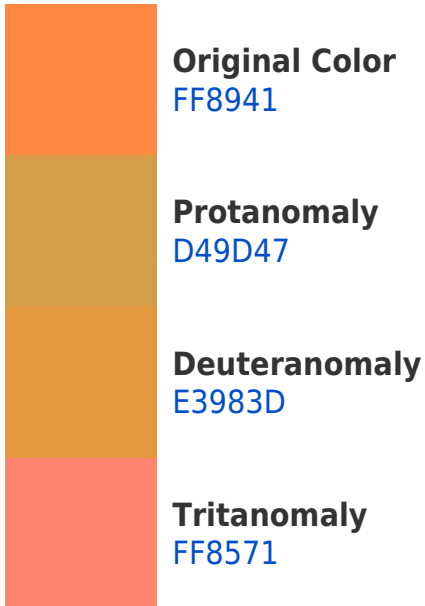
Protanopia
BCA94A

Deuteranopia
D3A13A

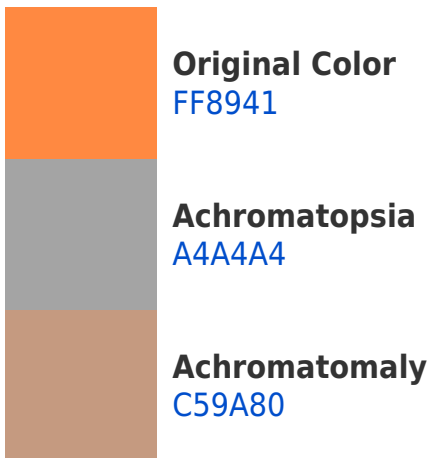


Tritanopia
FF838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8941 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 #FF8941 looks like.

```
.text, #text, p{  
    color:#FF8941  
}
```

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 #FF8941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8941
}
```

Border

The CSS property to change the border of an element to Hex FF8941 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
#FF8941 }
```

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

```
.border{ border-color:#FF8941 }
```

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

Here you see how a box with a 4 pixel #FF8941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8941; -webkit-box-shadow:4px 4px  
4px 4px #FF8941; box-shadow:4px 4px 4px  
4px #FF8941 }
```

Background

The CSS property to change the background color of an element to Hex FF8941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8941 }
```

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

```
.background{ background-color:#FF8941 }
```

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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