

Converting Colors

Hex(FF8D1F)

Have a look what the booklet for
Hex(FF8D1F) contains.

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Color

Hex(FE8D1F)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D1F
RGB	255, 141, 31
RGB Percent	100%, 55%, 12%
CMY	0.0000, 0.4471, 0.8784
CMYK	0.00, 0.45, 0.88, 0.00
HSL	29°, 100%, 56%
HSV	29°, 88%, 100%
XYZ	51.0122, 40.4087, 6.4073
YIQ	162.5460, 103.2540, -10.0420

Conversions

Conversions Part 2

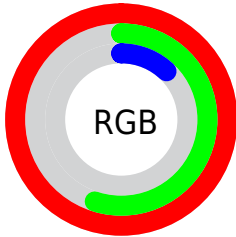
Format	Color
RYB	255, 247, 31
Decimal	16747807
CIELab	69.76, 36.68, 70.07
CIELCh	70, 79.089, 62.369
Yxy	40.4087, 0.5214, 0.4131
Android (android.graphics.Color)	4294937887 (0xFFFF8D1F)
YUV	162.5460, -64.8522, 81.0822
Hunter-Lab	63.5678, 31.9998, 38.5213

Details

The Hex color **FF8D1F** 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 **1F91FF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC459**, and **BF5900** is the 20% darker color. If you saturate the color by 10%, you get **FF8006**, and if you desaturate by 10%, it is **FF9A39**.

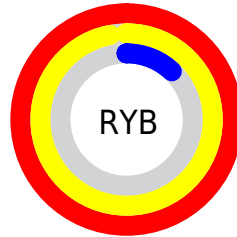
Distribution



Red (100%)

Green (55%)

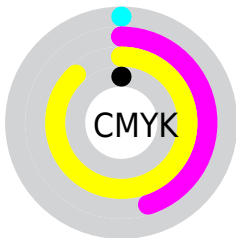
Blue (12%)



Red (100%)

Yellow (97%)

Blue (12%)

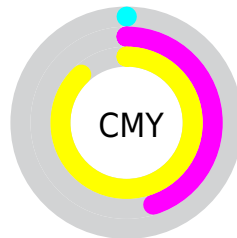


Cyan (0%)

Magenta (45%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8D1F 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 FF8D1F by changing the saturation by 10% instead.

 FF8D1F

 FF8D1F

FFFFFF

 DF7300

 FFC459

 BF5900

 FFE074

 A04000

 FFFD90

 812800

 FFFFAB

 640C00

 FFFFC8

 470000

 FFFF E5

 2F0002

 000000

 FF8D1F

 FF8D1F

 FF8006

 FF9A39

 FF7D00

 FFA752

 FFB46B

 FFC185

 FFCE9F

 FFDBB8

 FFE8D2

 FFF5EB

FFFFFF

Harmonies

Analogous

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



FF6D62



FF8D1F



C7A900

Triad

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



FF8D1F



00CBAE



AF95FF

Complementary

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



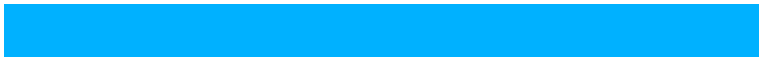
FF8D1F



1F91FF

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



FF8D1F



00CAF6

Square

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



FF8D1F



00C664



00C3FF



FF72EE

Rectangle

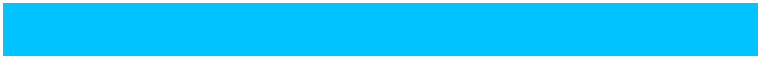
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8D1F



98B700



00C3FF



819FFF

Sweetspot

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



FF8D1F



FFDDBD



FF1F93



806B58



000000



808080

Same Dimension

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



FF8D1F



FF7D00



FFFB1F



807973



BF5E00



401F00

Inverse Universe

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



1F91FF



0082FF



1F23FF



737980



0061BF



002040

Previews

White Background



This preview shows how the Hex color FF8D1F looks on a white background.

Color Contrast Check

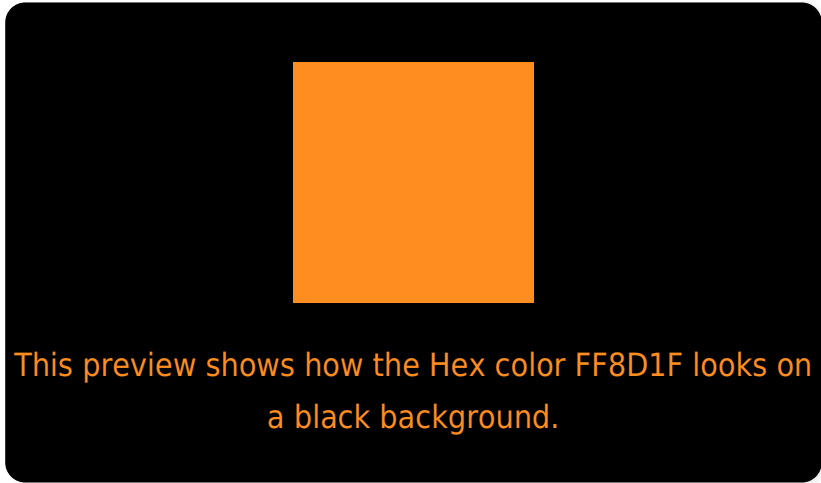
Large Text (above 18pt) WCAG AA × Fail

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 FF8D1F Background



This preview shows how black text looks on a background with the Hex color FF8D1F.



This preview shows how white text looks on a background with the Hex color FF8D1F.

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
FF8D1F

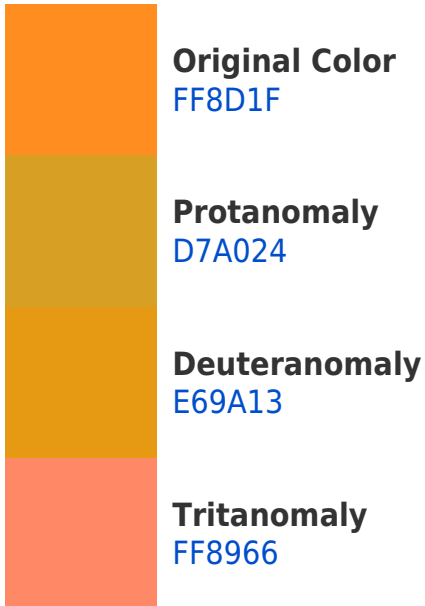
Protanopia
C0AB27

Deuteranopia
D8A20C



Tritanopia
FF868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8D1F 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 #FF8D1F looks like.

```
.text, #text, p{  
    color:#FF8D1F  
}
```

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 #FF8D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8D1F
}
```

Border

The CSS property to change the border of an element to Hex FF8D1F 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
#FF8D1F }
```

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

```
.border{ border-color:#FF8D1F }
```

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

Here you see how a box with a 4 pixel #FF8D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8D1F; -webkit-box-shadow:4px 4px  
4px 4px #FF8D1F; box-shadow:4px 4px 4px  
4px #FF8D1F }
```

Background

The CSS property to change the background color of an element to Hex FF8D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8D1F }
```

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

```
.background{ background-color:#FF8D1F }
```

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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