

Converting Colors

Hex(FF8D1B)

Have a look what the booklet for
Hex(FF8D1B) contains.

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Color

Hex(FE8D1B)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D1B
RGB	255, 141, 27
RGB Percent	100%, 55%, 11%
CMY	0.0000, 0.4471, 0.8941
CMYK	0.00, 0.45, 0.89, 0.00
HSL	30°, 100%, 55%
HSV	30°, 89%, 100%
XYZ	50.9627, 40.3889, 6.1467
YIQ	162.0900, 104.5380, -11.2860

Conversions

Conversions Part 2

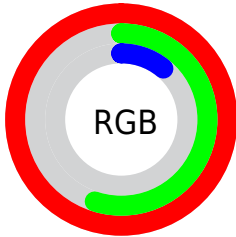
Format	Color
RYB	255, 255, 27
Decimal	16747803
CIELab	69.75, 36.61, 71.11
CIELCh	70, 79.984, 62.762
Yxy	40.3889, 0.5227, 0.4143
Android (android.graphics.Color)	4294937883 (0xFFFF8D1B)
YUV	162.0900, -66.5994, 81.4821
Hunter-Lab	63.5522, 31.9232, 38.7521

Details

The Hex color **FF8D1B** 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 **1B8DFF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC456**, and **BF5900** is the 20% darker color. If you saturate the color by 10%, you get **FF8001**, and if you desaturate by 10%, it is **FF9A34**.

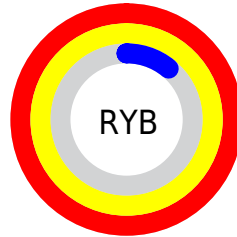
Distribution



Red (100%)

Green (55%)

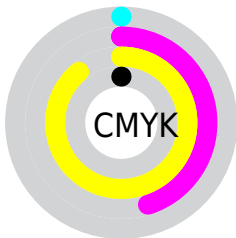
Blue (11%)



Red (100%)

Yellow (100%)

Blue (11%)

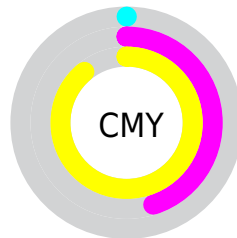


Cyan (0%)

Magenta (45%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8D1B 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 FF8D1B by changing the saturation by 10% instead.

 FF8D1B

 FF8D1B

FFFFFF

 DF7300

 FFC456

 BF5900

 FFE072

 A04000

 FFFD8D

 812800

 FFFFA9

 630C00

 FFFFC5

 470000

 FFFF E2

 2F0002

 000000

 FF8D1B

 FF8D1B

 FF8001

 FF9A34

 FF8000

 FFA64E

 FFB367

 FFC081

 FFCD9A

 FFDAB4

 FFE6CD

 FFF3E7

FFFFFF

Harmonies

Analogous

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



FF6C60



FF8D1B



C6A900

Triad

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



FF8D1B



00CBAF



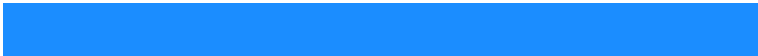
B194FF

Complementary

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



FF8D1B



1B8DFF

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



FF8D1B



00CAF7

Square

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



FF8D1B



00C764



00C3FF



FF70EE

Rectangle

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



FF8D1B



97B700



00C3FF



829FFF

Sweetspot

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



FF8D1B



FFDDBA



FF1B8D



806B57



000000



808080

Same Dimension

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



FF8D1B



FF8000



FFFF1B



807973



BF6000



402000

Inverse Universe

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



1B8DFF



0080FF



1B1BFF



737980



0060BF



002040

Previews

White Background



This preview shows how the Hex color FF8D1B looks on a white background.

Color Contrast Check

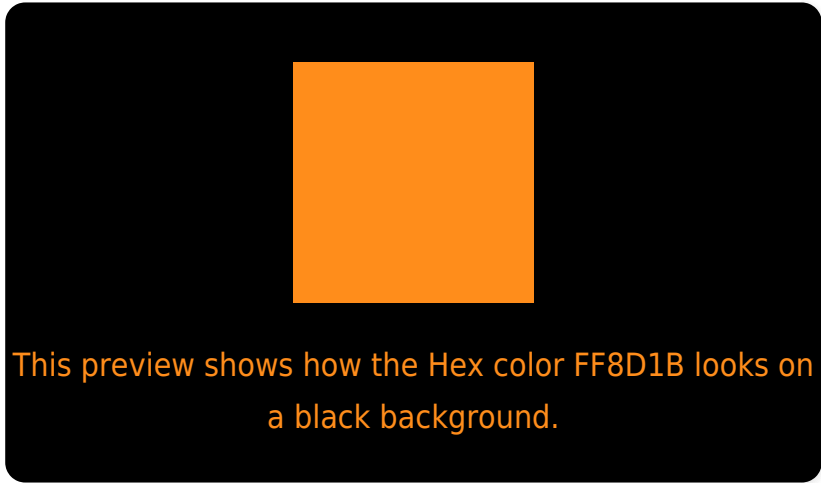
Large Text (above 18pt) WCAG AA × Fail

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 FF8D1B Background



This preview shows how black text looks on a background with the Hex color FF8D1B.

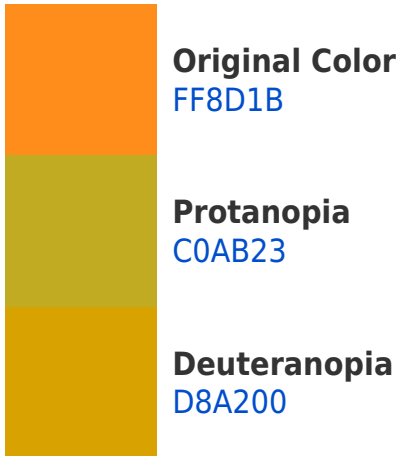


This preview shows how white text looks on a background with the Hex color FF8D1B.

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](#).

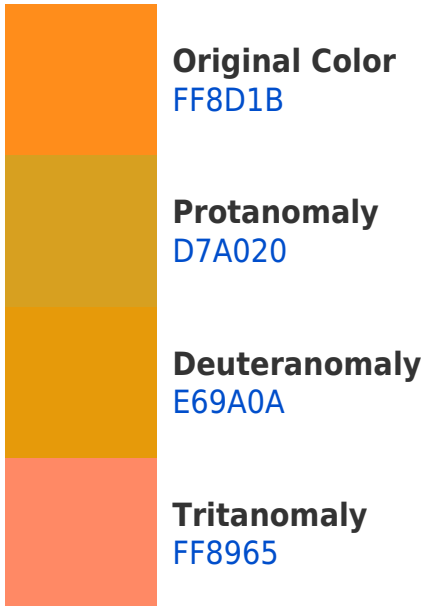
Dichromacy



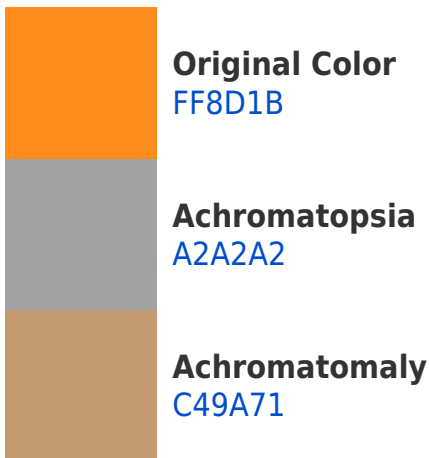


Tritanopia
FF868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8D1B 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 #FF8D1B looks like.

```
.text, #text, p{  
    color:#FF8D1B  
}
```

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 #FF8D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8D1B
}
```

Border

The CSS property to change the border of an element to Hex FF8D1B 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
#FF8D1B }
```

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

```
.border{ border-color:#FF8D1B }
```

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

Here you see how a box with a 4 pixel #FF8D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8D1B; -webkit-box-shadow:4px 4px  
4px 4px #FF8D1B; box-shadow:4px 4px 4px  
4px #FF8D1B }
```

Background

The CSS property to change the background color of an element to Hex FF8D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8D1B }
```

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

```
.background{ background-color:#FF8D1B }
```

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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