

Converting Colors

Hex(FF8B19)

Have a look what the booklet for
Hex(FF8B19) contains.

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Color

Hex(F8B19)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B19
RGB	255, 139, 25
RGB Percent	100%, 55%, 10%
CMY	0.0000, 0.4549, 0.9020
CMYK	0.00, 0.45, 0.90, 0.00
HSL	30°, 100%, 55%
HSV	30°, 90%, 100%
XYZ	50.6481, 39.7954, 5.9315
YIQ	160.6880, 105.7300, -10.8620

Conversions

Conversions Part 2

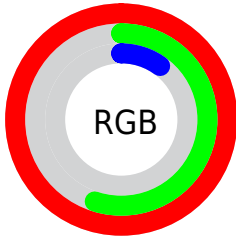
Format	Color
RYB	255, 251, 25
Decimal	16747289
CIELab	69.32, 37.59, 71.29
CIElCh	69, 80.596, 62.199
Yxy	39.7954, 0.5255, 0.4129
Android (android.graphics.Color)	4294937369 (0xFFFF8B19)
YUV	160.6880, -66.8942, 82.7116
Hunter-Lab	63.0836, 32.9164, 38.5837

Details

The Hex color **FF8B19** 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 **198DFF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC255**, and **BF5700** is the 20% darker color. If you saturate the color by 10%, you get **FF7E00**, and if you desaturate by 10%, it is **FF9832**.

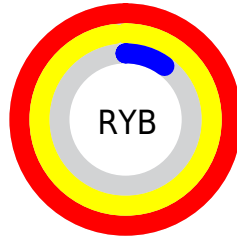
Distribution



Red (100%)

Green (55%)

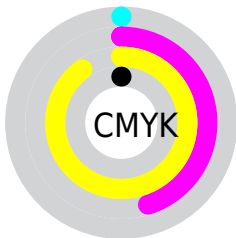
Blue (10%)



Red (100%)

Yellow (98%)

Blue (10%)

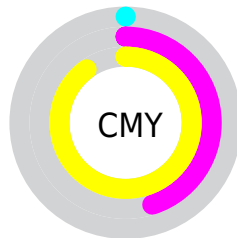


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8B19 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 FF8B19 by changing the saturation by 10% instead.

 FF8B19

 FF8B19

FFFFFF

 DF7100

 FFC255

 BF5700

 FFDE70

 A03E00

 FFFB8C

 812500

 FFFFA8

 630800

 FFFFC4

 460000

 FFFFE1

 2E0002

FFFFFFE

 000000

 FF8B19

 FF8B19

FF7E00

FF9832

FFA54C

FFB265

FFBE7F

FFCB98

FFD8B2

FFE5CB

FFF2E5

FFFFFFE

Harmonies

Analogous

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



FF6960



FF8B19



C6A800

Triad

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



FF8B19



00CAAD



AD93FF

Complementary

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



FF8B19



198DFF

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



FF8B19



00C9F6

Square

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



FF8B19



00C661



00C2FF



FF6FEF

Rectangle

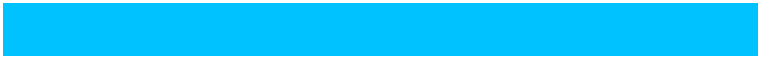
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8B19



97B600



00C2FF



7D9EFF

Sweetspot

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



FF8B19



FFDCBA



FF1990



806B57



000000



808080

Same Dimension

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



FF8B19



FF7E00



FFFB19



807973



BF5F00



402000

Inverse Universe

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



198DFF



0081FF



191DFF



737980



0060BF



002040

Previews

White Background



This preview shows how the Hex color FF8B19 looks on a white background.

Color Contrast Check

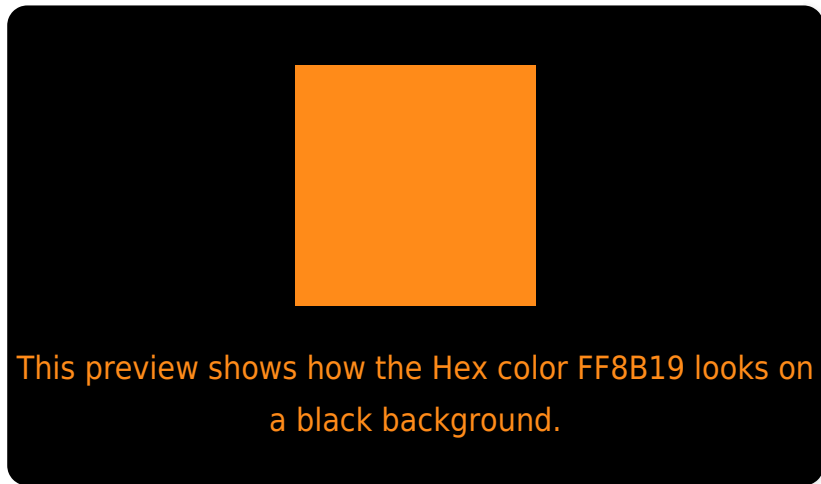
Large Text (above 18pt) WCAG AA × Fail

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 FF8B19 Background



This preview shows how black text looks on a background with the Hex color FF8B19.



This preview shows how white text looks on a background with the Hex color FF8B19.

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
FF8B19

Protanopia
BFAA22

Deuteranopia
D7A100

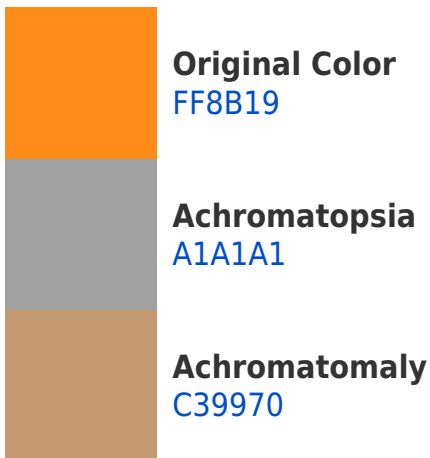


Tritanopia
FF848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8B19 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 #FF8B19 looks like.

```
.text, #text, p{  
    color:#FF8B19  
}
```

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 #FF8B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8B19
}
```

Border

The CSS property to change the border of an element to Hex FF8B19 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
#FF8B19 }
```

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

```
.border{ border-color:#FF8B19 }
```

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

Here you see how a box with a 4 pixel #FF8B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8B19; -webkit-box-shadow:4px 4px  
4px 4px #FF8B19; box-shadow:4px 4px 4px  
4px #FF8B19 }
```

Background

The CSS property to change the background color of an element to Hex FF8B19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8B19 }
```

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

```
.background{ background-color:#FF8B19 }
```

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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