

Converting Colors

Hex(FF8B2B)

Have a look what the booklet for
Hex(FF8B2B) contains.

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Color

Hex(F F 8 B 2 B)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B2B
RGB	255, 139, 43
RGB Percent	100%, 55%, 17%
CMY	0.0000, 0.4549, 0.8314
CMYK	0.00, 0.45, 0.83, 0.00
HSL	27°, 100%, 58%
HSV	27°, 83%, 100%
XYZ	50.9087, 39.8997, 7.3037
YIQ	162.7400, 99.9520, -5.2640

Conversions

Conversions Part 2

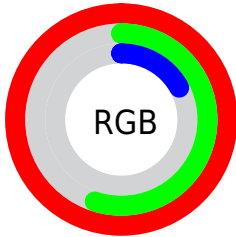
Format	Color
R_{YB}	255, 218, 43
Decimal	16747307
CIE _{Lab}	69.40, 37.96, 65.98
CIE _{LCh}	69, 76.118, 60.083
Yxy	39.8997, 0.5189, 0.4067
Android (android.graphics.Color)	4294937387 (0xFFFF8B2B)
YUV	162.7400, -59.0318, 80.9120
Hunter-Lab	63.1662, 33.3209, 37.3608

Details

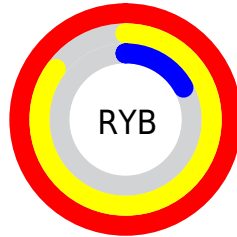
The Hex color **FF8B2B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2B9FFF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC261**, and **BF5700** is the 20% darker color. If you saturate the color by 10%, you get **FF7D12**, and if you desaturate by 10%, it is **FF9945**.

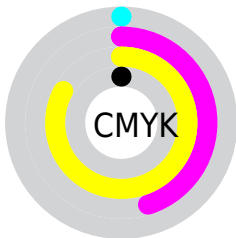
Distribution



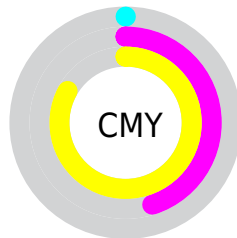
- Red (100%)
- Green (55%)
- Blue (17%)



- Red (100%)
- Yellow (85%)
- Blue (17%)



- Cyan (0%)
- Magenta (45%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF8B2B 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 FF8B2B by changing the saturation by 10% instead.

 FF8B2B

 FF8B2B

FFFFFF

 DF7107

 FFC261

 BF5700

 FFDE7C

 A13E00

 FFFB98

 822500

 FFFFB3

 640800

 FFFF00

 470000

 FFFFED

 2F0002

 000000

 FF8B2B

 FF8B2B

 FF7D12

 FF9945

 FF7300

 FFA75E

 FFB578

 FFC391

 FFD1AB

 FFDFC4

 FFEDDE

 FFFBF7

FFFFFF

Harmonies

Analogous

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



FF6D69



FF8B2B



CAA600

Triad

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



FF8B2B



00C9A8



A697FF

Complementary

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



FF8B2B



2B9FFF

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.



00B2FF



FF8B2B



00C9ED

Square

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



FF8B2B



00C460



00C2FF



FC76EF

Rectangle

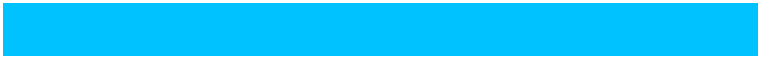
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF8B2B



9EB400



00C2FF



78A1FF

Sweetspot

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



FF8B2B



FFDCBF



FF2BA0



806B59



000000



808080

Same Dimension

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



FF8B2B



FF7300



FFF42B



807973



BF5700



401D00

Inverse Universe

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



2B9FFF



008CFF



2B36FF



737A80



0069BF



002340

Previews

White Background



This preview shows how the Hex color FF8B2B looks on a white background.

Color Contrast Check

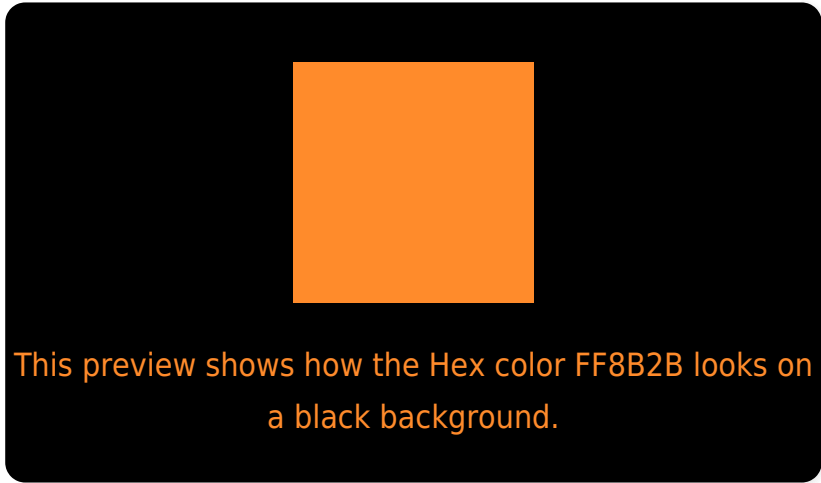
Large Text (above 18pt) WCAG AA × Fail

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 FF8B2B Background



This preview shows how black text looks on a background with the Hex color FF8B2B.



This preview shows how white text looks on a background with the Hex color FF8B2B.

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
FF8B2B

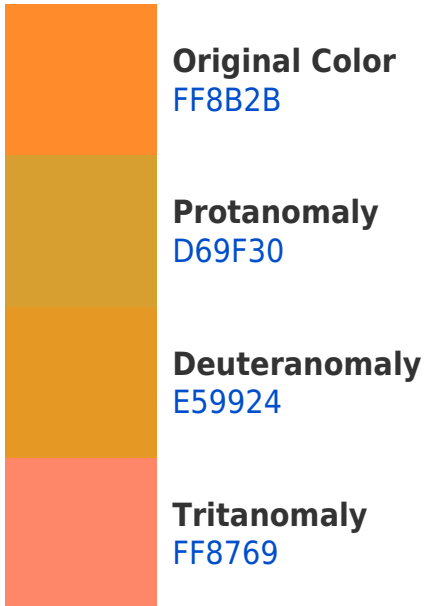
Protanopia
BEAA33

Deuteranopia
D6A120



Tritanopia
FF858D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF8B2B 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 #FF8B2B looks like.

```
.text, #text, p{  
    color:#FF8B2B  
}
```

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 #FF8B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8B2B
}
```

Border

The CSS property to change the border of an element to Hex FF8B2B 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
#FF8B2B }
```

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

```
.border{ border-color:#FF8B2B }
```

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

Here you see how a box with a 4 pixel #FF8B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8B2B; -webkit-box-shadow:4px 4px  
4px 4px #FF8B2B; box-shadow:4px 4px 4px  
4px #FF8B2B }
```

Background

The CSS property to change the background color of an element to Hex FF8B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8B2B }
```

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

```
.background{ background-color:#FF8B2B }
```

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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