

Converting Colors

Hex(FB8C2F)

Have a look what the booklet for
Hex(FB8C2F) contains.

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Color

Hex(FB8C2F)

Conversions

Conversions Part 1

Format	Color
Hex	FB8C2F
RGB	251, 140, 47
RGB Percent	98%, 55%, 18%
CMY	0.0157, 0.4510, 0.8157
CMYK	0.00, 0.44, 0.81, 0.02
HSL	27°, 96%, 58%
HSV	27°, 81%, 98%
XYZ	49.6748, 39.4706, 7.6898
YIQ	162.5870, 96.0090, -5.3910

Conversions

Conversions Part 2

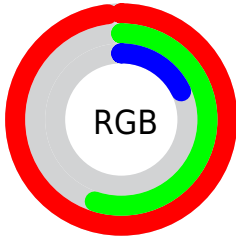
Format	Color
R _Y B	251, 218, 47
Decimal	16485423
CIE Lab	69.09, 35.98, 64.04
CIE LCh	69, 73.454, 60.671
Yxy	39.4706, 0.5130, 0.4076
Android (android.graphics.Color)	4294675503 (0xFFFB8C2F)
YUV	162.5870, -56.9844, 77.5382
Hunter-Lab	62.8257, 31.1910, 36.7210

Details

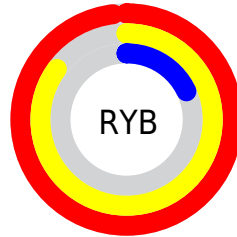
The Hex color **FB8C2F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2F9EFB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC365**, and **BC5800** is the 20% darker color. If you saturate the color by 10%, you get **FB7E16**, and if you desaturate by 10%, it is **FB9A48**.

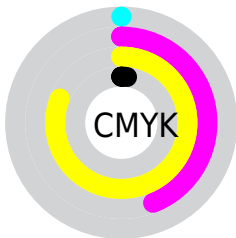
Distribution



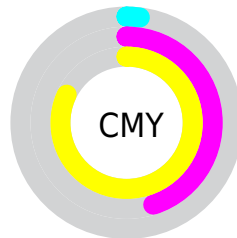
- Red (98%)
- Green (55%)
- Blue (18%)



- Red (98%)
- Yellow (85%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB8C2F 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 FB8C2F by changing the saturation by 10% instead.

 FB8C2F

 FB8C2F

FFFFFF

 DB720F

 FFC365

 BC5800

 FFDF7F

 9D3F00

 FFFC9B

 7F2700

 FFFFB7

 610C00

 FFFFD3

 440000

 FFFFF0

 2C0001

 000000

 FB8C2F

 FB8C2F

 FB7E16

 FB9A48

 FB7200

 FBA761

 FBB57A

 FBC393

 FBD0AD

 FBDEC6

 FBECDF

 FBF9F8

 FBFFFF

Harmonies

Analogous

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



FF7069



FB8C2F



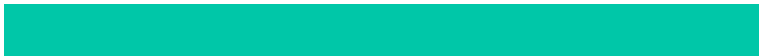
C7A600

Triad

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



FB8C2F



00C7A8



A896FF

Complementary

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



FB8C2F



2F9EFB

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.



00B0FF



FB8C2F



00C7EB

Square

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



FB8C2F



00C364



00C0FF



F977EB

Rectangle

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



FB8C2F



9DB30E



00C0FF



7EA0FF

Sweetspot

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



FB8C2F



FFDEC2



FB2F9F



806B5B



000000



808080

Same Dimension

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



FB8C2F



FF7705



FBF12F



7D7670



BD5600



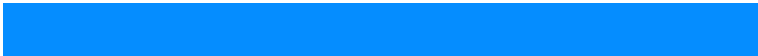
3D1C00

Inverse Universe

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



2F9EFB



058DFF



2F39FB



70777D



0067BD



00213D

Previews

White Background



This preview shows how the Hex color FB8C2F looks on a white background.

Color Contrast Check

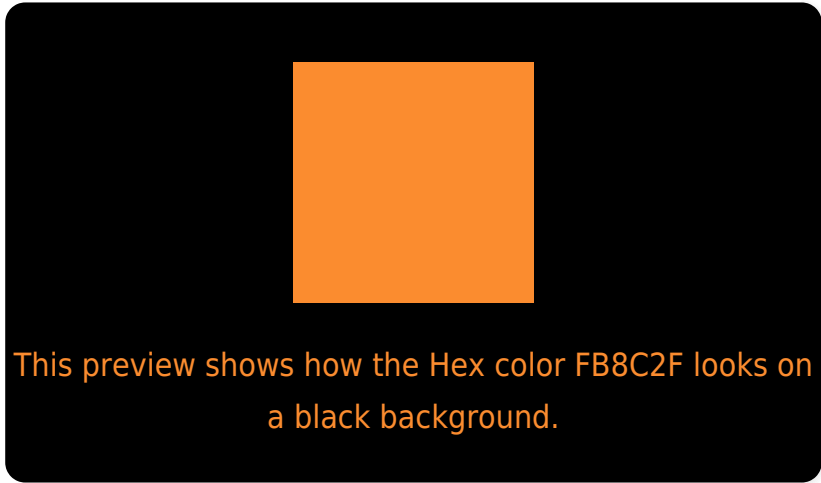
Large Text (above 18pt) WCAG AA × Fail

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 FB8C2F Background



This preview shows how black text looks on a background with the Hex color FB8C2F.

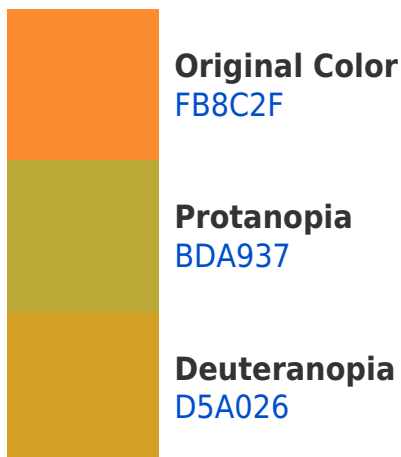


This preview shows how white text looks on a background with the Hex color FB8C2F.

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](#).

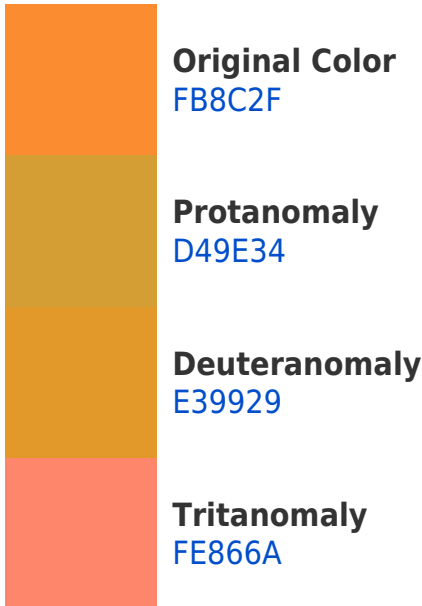
Dichromacy





Tritanopia
FF838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB8C2F 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 #FB8C2F looks like.

```
.text, #text, p{  
    color:#FB8C2F  
}
```

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 #FB8C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB8C2F
}
```

Border

The CSS property to change the border of an element to Hex FB8C2F 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
#FB8C2F }
```

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

```
.border{ border-color:#FB8C2F }
```

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

Here you see how a box with a 4 pixel #FB8C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB8C2F; -webkit-box-shadow:4px 4px  
4px 4px #FB8C2F; box-shadow:4px 4px 4px  
4px #FB8C2F }
```

Background

The CSS property to change the background color of an element to Hex FB8C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB8C2F }
```

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

```
.background{ background-color:#FB8C2F }
```

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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