

Converting Colors

Hex(F9AC2C)

Have a look what the booklet for
Hex(F9AC2C) contains.

Hex(F9AC2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F9AC2C)

Conversions

Conversions Part 1

Format	Color
Hex	F9AC2C
RGB	249, 172, 44
RGB Percent	98%, 67%, 17%
CMY	0.0235, 0.3255, 0.8275
CMYK	0.00, 0.31, 0.82, 0.02
HSL	37°, 94%, 57%
HSV	37°, 82%, 98%
XYZ	54.2741, 49.8266, 9.1398
YIQ	180.4310, 86.9800, -23.4840

Conversions

Conversions Part 2

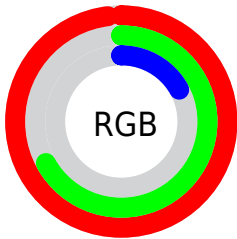
Format	Color
RYB	167, 249, 44
Decimal	16362540
CIELab	75.96, 18.42, 70.99
CIELCh	76, 73.338, 75.450
Yxy	49.8266, 0.4793, 0.4400
Android (android.graphics.Color)	4294552620 (0xFFF9AC2C)
YUV	180.4310, -67.2605, 60.1350
Hunter-Lab	70.5880, 13.7171, 41.7346

Details

The Hex color **F9AC2C** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2C79F9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE365**, and **BB7800** is the 20% darker color. If you saturate the color by 10%, you get **F9A313**, and if you desaturate by 10%, it is **F9B545**.

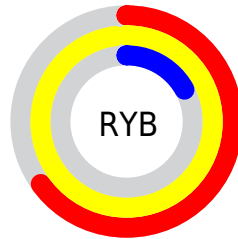
Distribution



Red (98%)

Green (67%)

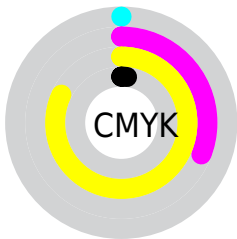
Blue (17%)



Red (65%)

Yellow (98%)

Blue (17%)

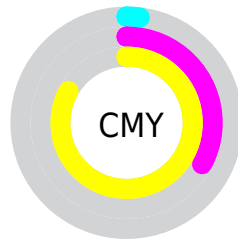


Cyan (0%)

Magenta (31%)

Yellow (82%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9AC2C 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 F9AC2C by changing the saturation by 10% instead.

 F9AC2C

 F9AC2C

FFFFFF

 DA9100

 FFE365

 BB7800

 FFFF81

 9D5F00

 FFFF9D

 7F4700

 FFFFB9

 623100

 FFFFD6

 461B00

 FFFFF3

 2C0600

 030000

 000000

 F9AC2C

 F9AC2C

 F9A313

 F9B545

 F99B00

 F9BF5E

 F9C877

 F9D190

 F9DBA9

 F9E4C1

 F9EDDA

 F9F7F3

 F9FFFF

Harmonies

Analogous

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



FF905D



F9AC2C



BDC325

Triad

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



F9AC2C



00DBDD



EB9AFF

Complementary

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



F9AC2C



2C79F9

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.



79B7FF



F9AC2C



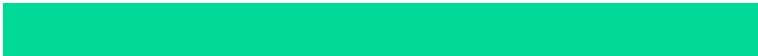
00D8FF

Square

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



F9AC2C



00D997



00CCFF



FF7FDF

Rectangle

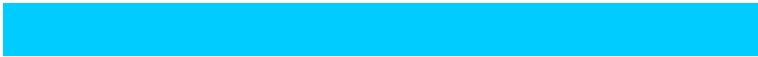
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9AC2C



8CCD43



00CCFF



CDA4FF

Sweetspot

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



F9AC2C



FFE7BF



F92C7B



807159



000000



808080

Same Dimension

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



F9AC2C



FFA003



E1F92C



7D7870



BD7600



3D2600

Inverse Universe

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



2C79F9



0361FF



442CF9



70757D



0047BD



00173D

Previews

White Background



This preview shows how the Hex color F9AC2C looks on a white background.

Color Contrast Check

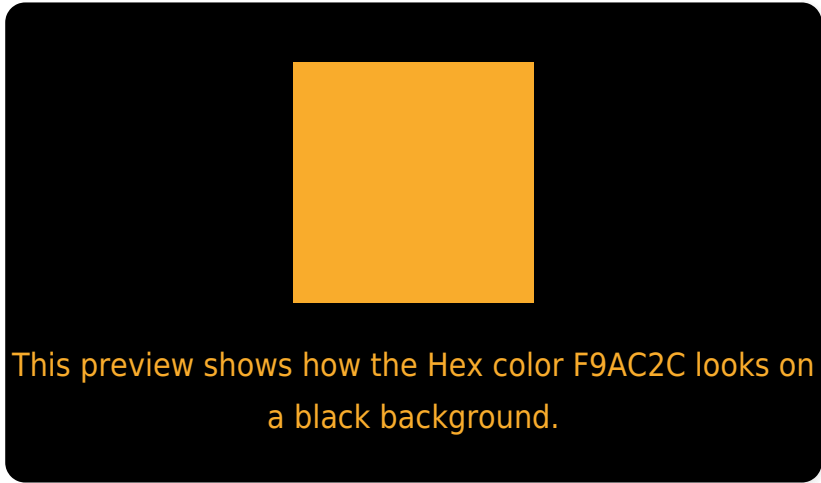
Large Text (above 18pt) WCAG AA × Fail

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 F9AC2C Background



This preview shows how black text looks on a background with the Hex color F9AC2C.



This preview shows how white text looks on a background with the Hex color F9AC2C.

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](#).

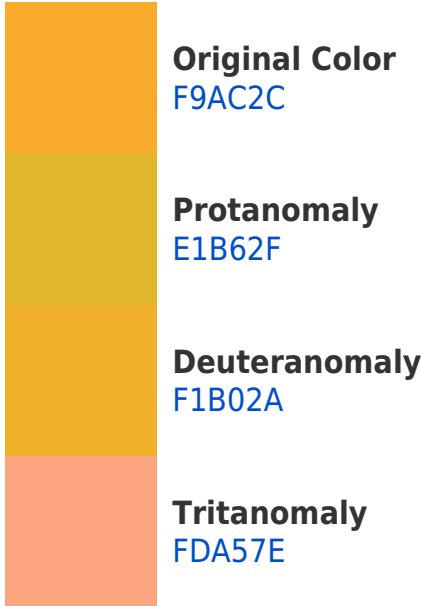
Dichromacy





Tritanopia
FFA1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9AC2C 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 #F9AC2C looks like.

```
.text, #text, p{  
    color:#F9AC2C  
}
```

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 #F9AC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9AC2C
}
```

Border

The CSS property to change the border of an element to Hex F9AC2C 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
#F9AC2C }
```

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

```
.border{ border-color:#F9AC2C }
```

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

Here you see how a box with a 4 pixel #F9AC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9AC2C; -webkit-box-shadow:4px 4px  
4px 4px #F9AC2C; box-shadow:4px 4px 4px  
4px #F9AC2C }
```

Background

The CSS property to change the background color of an element to Hex F9AC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9AC2C }
```

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

```
.background{ background-color:#F9AC2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor