

Converting Colors

Hex(F4A838)

Have a look what the booklet for
Hex(F4A838) contains.

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Color

Hex(F4A838)

Conversions

Conversions Part 1

Format	Color
Hex	F4A838
RGB	244, 168, 56
RGB Percent	96%, 66%, 22%
CMY	0.0431, 0.3412, 0.7804
CMYK	0.00, 0.31, 0.77, 0.04
HSL	36°, 90%, 59%
HSV	36°, 77%, 96%
XYZ	52.0247, 47.5239, 10.1724
YIQ	177.9560, 81.2480, -18.7200

Conversions

Conversions Part 2

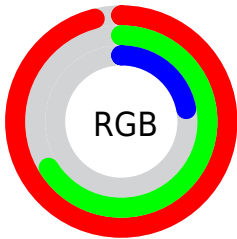
Format	Color
RYB	184, 244, 56
Decimal	16033848
CIELab	74.52, 18.82, 65.32
CIELCh	75, 67.980, 73.932
Yxy	47.5239, 0.4742, 0.4331
Android (android.graphics.Color)	4294223928 (0xFFFF4A838)
YUV	177.9560, -60.1243, 57.9206
Hunter-Lab	68.9376, 14.0667, 39.5075

Details

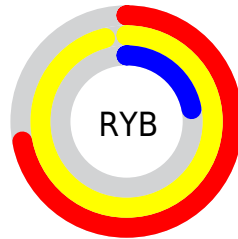
The Hex color **F4A838** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3884F4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDF6F**, and **B77400** is the 20% darker color. If you saturate the color by 10%, you get **F49E20**, and if you desaturate by 10%, it is **F4B250**.

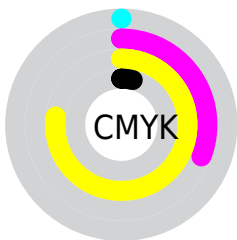
Distribution



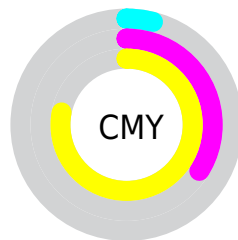
- Red (96%)
- Green (66%)
- Blue (22%)



- Red (72%)
- Yellow (96%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (77%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4A838 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 F4A838 by changing the saturation by 10% instead.

 F4A838

 F4A838

FFFFFF

 D58E19

 FFDF6F

 B77400

 FFFC8A

 995B00

 FFFFA5

 7B4400

 FFFFC2

 5E2D00

 FFFFDE

 431800

FFFFFFC

 2A0100

 000000

 F4A838

 F4A838

 F49E20

 F4B250

 F49407

 F4BC69

 F49100

 F4C681

 F4CF9A

 F4D9B2

 F4E3CA

 F4EDE3

 F4F7FB

 F4FFFF

Harmonies

Analogous

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



FF8F63



F4A838



BDBD31

Triad

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



F4A838



00D6D4



E09AFF

Complementary

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



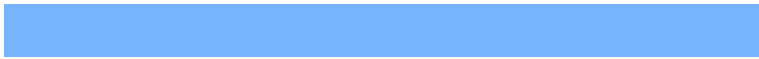
F4A838



3884F4

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.



76B4FF



F4A838



00D2FF

Square

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



F4A838



00D392



00C8FF



FF83DC

Rectangle

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



F4A838



90C848



00C8FF



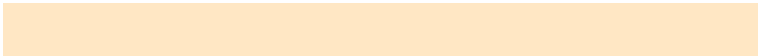
C4A3FF

Sweetspot

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



F4A838



FFE7C4



F43886



80715C



000000



808080

Same Dimension

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



F4A838



FFA014



E4F438



7A756E



BA6F00



3B2300

Inverse Universe

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



3884F4



1473FF



4838F4



6E737A



004BBA



00183B

Previews

White Background



This preview shows how the Hex color F4A838 looks on a white background.

Color Contrast Check

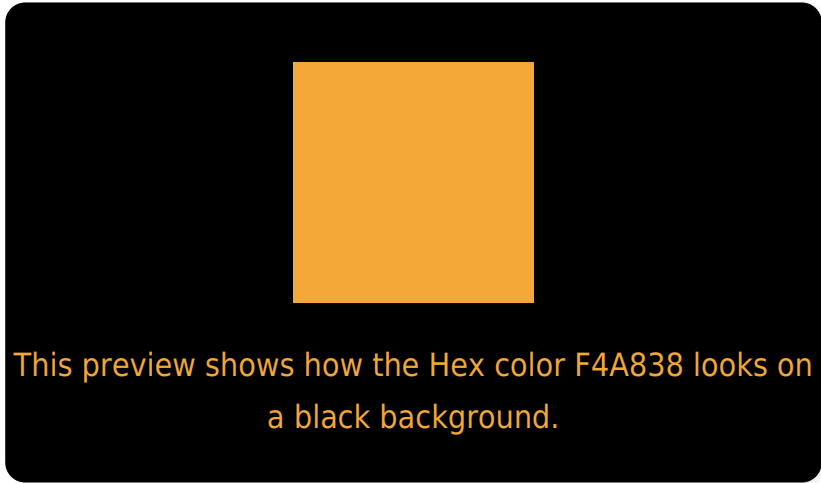
Large Text (above 18pt) WCAG AA × Fail

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 F4A838 Background



This preview shows how black text looks on a background with the Hex color F4A838.



This preview shows how white text looks on a background with the Hex color F4A838.

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
F4A838

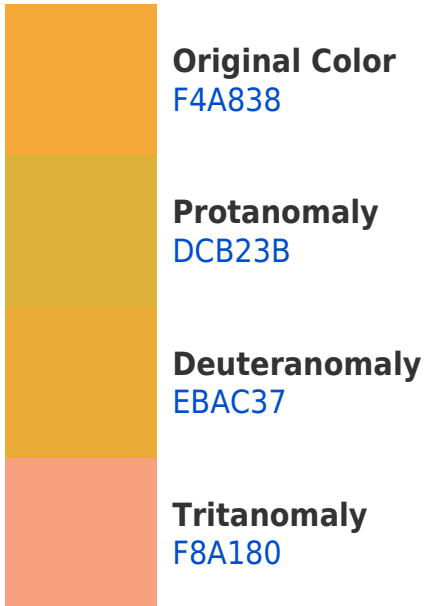
Protanopia
CEB83C

Deuteranopia
E6AE36



Tritanopia
FB9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4A838 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 #F4A838 looks like.

```
.text, #text, p{  
    color:#F4A838  
}
```

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 #F4A838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4A838
}
```

Border

The CSS property to change the border of an element to Hex F4A838 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
#F4A838 }
```

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

```
.border{ border-color:#F4A838 }
```

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

Here you see how a box with a 4 pixel #F4A838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4A838; -webkit-box-shadow:4px 4px  
4px 4px #F4A838; box-shadow:4px 4px 4px  
4px #F4A838 }
```

Background

The CSS property to change the background color of an element to Hex F4A838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4A838 }
```

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

```
.background{ background-color:#F4A838 }
```

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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