

Converting Colors

Hex(F7AF44)

Have a look what the booklet for
Hex(F7AF44) contains.

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Color

Hex(F7AF44)

Conversions

Conversions Part 1

Format	Color
Hex	F7AF44
RGB	247, 175, 68
RGB Percent	97%, 69%, 27%
CMY	0.0314, 0.3137, 0.7333
CMYK	0.00, 0.29, 0.72, 0.03
HSL	36°, 92%, 62%
HSV	36°, 72%, 97%
XYZ	54.7311, 50.8515, 12.3995
YIQ	184.3300, 77.2590, -18.0130

Conversions

Conversions Part 2

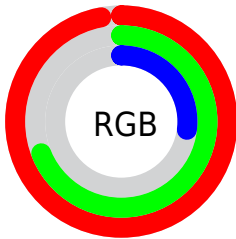
Format	Color
RYB	188, 247, 68
Decimal	16232260
CIELab	76.59, 16.89, 62.69
CIElCh	77, 64.928, 74.926
Yxy	50.8515, 0.4639, 0.4310
Android (android.graphics.Color)	4294422340 (0xFF7AF44)
YUV	184.3300, -57.3507, 54.9616
Hunter-Lab	71.3102, 12.2073, 39.6077

Details

The Hex color **F7AF44** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **448CF7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE67A**, and **BA7B01** is the 20% darker color. If you saturate the color by 10%, you get **F7A52B**, and if you desaturate by 10%, it is **F7B95D**.

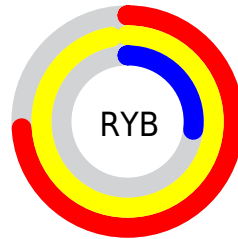
Distribution



Red (97%)

Green (69%)

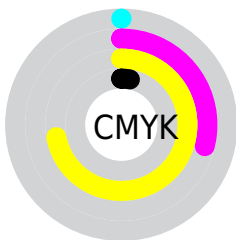
Blue (27%)



Red (74%)

Yellow (97%)

Blue (27%)

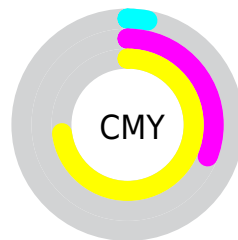


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7AF44 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 F7AF44 by changing the saturation by 10% instead.

 F7AF44

 F7AF44

FFFFFF

 D89428

 FFE67A

 BA7B01

 FFFF95

 9C6200

 FFFFB1

 7F4A00

 FFFFCD

 623300

 FFFFEA

 461E00

 2C0900

 060000

 000000

 F7AF44

 F7AF44

 F7A52B

 F7B95D

 F79B13

 F7C375

 F79400

 F7CD8E

 F7D7A7

 F7E1BF

 F7EBD8

 F7F5F1

 F7FEFF

 F7FFFF

Harmonies

Analogous

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



FF986A



F7AF44



C1C340

Triad

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



F7AF44



00DADA



E7A1FF

Complementary

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



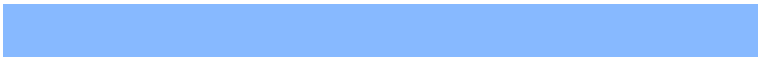
F7AF44



448CF7

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.



87B9FF



F7AF44



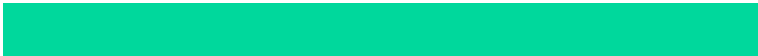
00D7FF

Square

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



F7AF44



00D89C



00CCFF



FF8BDE

Rectangle

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



F7AF44



96CD54



00CCFF



CDA9FF

Sweetspot

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



F7AF44



FFE8C7



F7448F



80725E



000000



808080

Same Dimension

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



F7AF44



FFA621



E8F744



7A756E



BA6F00



3B2300

Inverse Universe

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



448CF7



217AFF



5344F7



6E737A



004BBA



00183B

Previews

White Background



This preview shows how the Hex color F7AF44 looks on a white background.

Color Contrast Check

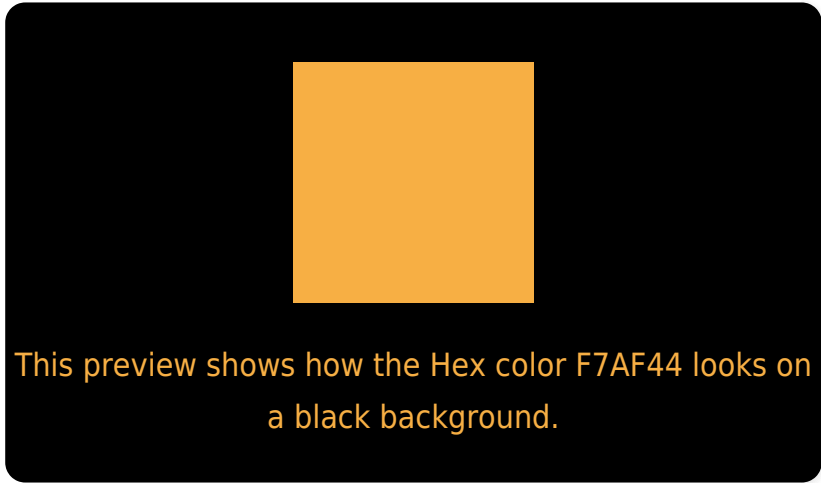
Large Text (above 18pt) WCAG AA × Fail

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 F7AF44 Background



This preview shows how black text looks on a background with the Hex color F7AF44.



This preview shows how white text looks on a background with the Hex color F7AF44.

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
F7AF44

Protanopia
D3BE48

Deuteranopia
ECB442

Trichromacy



Original Color
F7AF44

Protanomaly
E0B947

Deuteranomaly
F0B243

Tritanomaly
FBA889

Monochromacy



Original Color
F7AF44

Achromatopsia
B8B8B8

Achromatomaly
CFB58E

CSS Examples

Text

The CSS property to change the color of the text to Hex F7AF44 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 #F7AF44 looks like.

```
.text, #text, p{  
    color:#F7AF44  
}
```

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 #F7AF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7AF44
}
```

Border

The CSS property to change the border of an element to Hex F7AF44 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
#F7AF44 }
```

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

```
.border{ border-color:#F7AF44 }
```

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

Here you see how a box with a 4 pixel #F7AF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7AF44; -webkit-box-shadow:4px 4px  
4px 4px #F7AF44; box-shadow:4px 4px 4px  
4px #F7AF44 }
```

Background

The CSS property to change the background color of an element to Hex F7AF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7AF44 }
```

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

```
.background{ background-color:#F7AF44 }
```

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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