

Converting Colors

Hex(FFAE47)

Have a look what the booklet for
Hex(FFAE47) contains.

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Color

Hex(FFAE47)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE47
RGB	255, 174, 71
RGB Percent	100%, 68%, 28%
CMY	0.0000, 0.3176, 0.7216
CMYK	0.00, 0.32, 0.72, 0.00
HSL	34°, 100%, 64%
HSV	34°, 72%, 100%
XYZ	57.5134, 51.9870, 12.9645
YIQ	186.4770, 81.3390, -14.8610

Conversions

Conversions Part 2

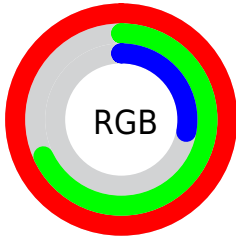
Format	Color
RYB	216, 255, 71
Decimal	16756295
CIELab	77.27, 20.87, 62.42
CIELCh	77, 65.820, 71.514
Yxy	51.9870, 0.4696, 0.4245
Android (android.graphics.Color)	4294946375 (0xFFFFAE47)
YUV	186.4770, -56.9302, 60.0947
Hunter-Lab	72.1020, 16.2049, 39.8107

Details

The Hex color **FFAE47** 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 **4798FF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE67D**, and **C17A08** is the 20% darker color. If you saturate the color by 10%, you get **FFA32E**, and if you desaturate by 10%, it is **FFB961**.

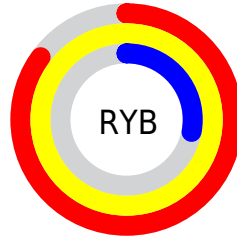
Distribution



Red (100%)

Green (68%)

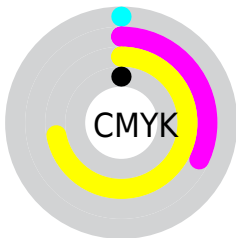
Blue (28%)



Red (85%)

Yellow (100%)

Blue (28%)

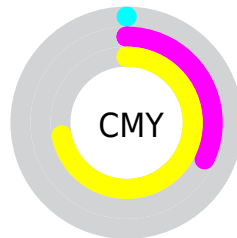


Cyan (0%)

Magenta (32%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAE47 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 FFAE47 by changing the saturation by 10% instead.

 FFAE47

 FFAE47

FFFFFF

 E0932B

 FFE67D

 C17A08

 FFFF98

 A36100

 FFFFB4

 864900

 FFFF00

 693200

 FFFFED

 4C1C00

 320700

 140000

 000000

FFAE47

FFAE47

FFA32E

FFB961

FF9814

FFC47A

FF8F00

FFD093

FFDBAD

FFE6C7

FFF1E0

FFFDFA

FFFFFF

Harmonies

Analogous

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



FF9671



FFAE47



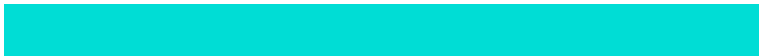
CAC33E

Triad

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



FFAE47



00DDD5



E1A5FF

Complementary

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



FFAE47



4798FF

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.



78BEFF



FFAE47



00DAFF

Square

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



FFAE47



00DA96



00D0FF



FF8EE7

Rectangle

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



FFAE47



9FCE50



00D0FF



C5ADFF

Sweetspot

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



FFAE47



FFE6C7



FF479A



80715E



000000



808080

Same Dimension

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



FFAE47



FF9D21



F6FF47



807A73



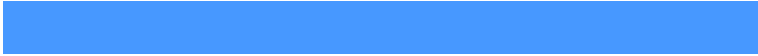
BF6B00



402400

Inverse Universe

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



4798FF



2183FF



5047FF



737880



0054BF



001C40

Previews

White Background



This preview shows how the Hex color FFAE47 looks on a white background.

Color Contrast Check

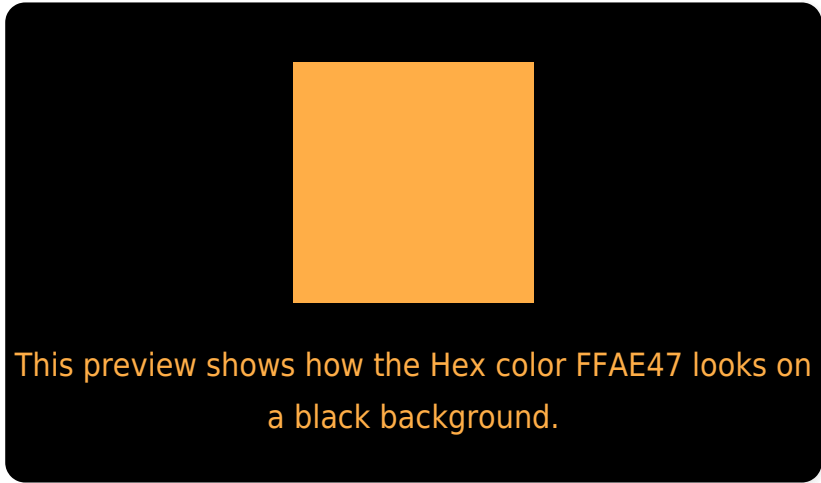
Large Text (above 18pt) WCAG AA × Fail

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 FFAE47 Background



This preview shows how black text looks on a background with the Hex color FFAE47.



This preview shows how white text looks on a background with the Hex color FFAE47.

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
FFAE47

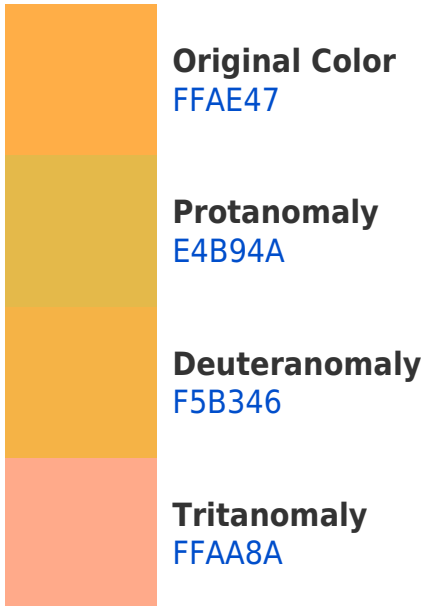
Protanopia
D5C04C

Deuteranopia
EFB645

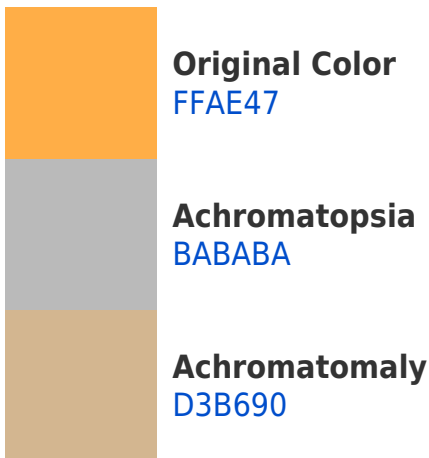


Tritanopia
FFA7B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAE47 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 #FFAE47 looks like.

```
.text, #text, p{  
    color:#FFAE47  
}
```

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 #FFAE47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAE47
}
```

Border

The CSS property to change the border of an element to Hex FFAE47 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
#FFAE47 }
```

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

```
.border{ border-color:#FFAE47 }
```

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

Here you see how a box with a 4 pixel #FFAE47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAE47; -webkit-box-shadow:4px 4px  
4px 4px #FFAE47; box-shadow:4px 4px 4px  
4px #FFAE47 }
```

Background

The CSS property to change the background color of an element to Hex FFAE47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAE47 }
```

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

```
.background{ background-color:#FFAE47 }
```

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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