

# Converting Colors

Hex(FFAD3F)

Have a look what the booklet for  
Hex(FFAD3F) contains.

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# **Color**

**Hex(FFAD3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAD3F
RGB	255, 173, 63
RGB Percent	100%, 68%, 25%
CMY	0.0000, 0.3216, 0.7529
CMYK	0.00, 0.32, 0.75, 0.00
HSL	34°, 100%, 62%
HSV	34°, 75%, 100%
XYZ	57.0808, 51.5060, 11.6358
YIQ	184.9780, 84.1820, -16.8260

# Conversions

## Conversions Part 2

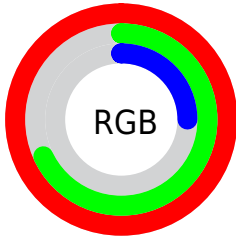
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 255, 63
Decimal	16756031
CIE Lab	76.98, 21.05, 65.41
CIE LCh	77, 68.713, 72.160
Yxy	51.5060, 0.4748, 0.4284
Android (android.graphics.Color)	4294946111 (0xFFFFAD3F)
YUV	184.9780, -60.1352, 61.4093
Hunter-Lab	71.7677, 16.3773, 40.6246

# Details

The Hex color **FFAD3F** 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 **3F91FF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFE475**, and **C17900** is the 20% darker color. If you saturate the color by 10%, you get **FFA225**, and if you desaturate by 10%, it is **FFB859**.

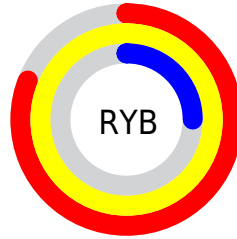
# Distribution



Red (100%)

Green (68%)

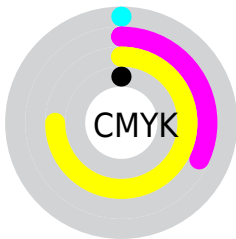
Blue (25%)



Red (81%)

Yellow (100%)

Blue (25%)

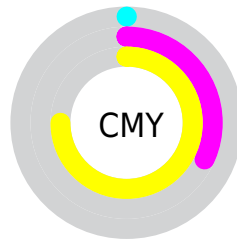


Cyan (0%)

Magenta (32%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAD3F 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 FFAD3F by changing the saturation by 10% instead.



 FFAD3F

 FFAD3F

FFFFFF

 E09222

 FFE475

 C17900

 FFFF91

 A36000

 FFFFAC

 854800

 FFFFC9

 683100

 FFFFEE

 4C1B00

 310600

 130000

 000000

 FFAD3F

 FFAD3F

 FFA225

 FFB859

 FF970C

 FFC372

 FF9200

 FFCE8C

 FFD9A5

 FFE3BF

 FFEED8

 FFF9F2

FFFFFF

# Harmonies

## Analogous

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



FF946B



FFAD3F



C7C335

# Triad

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



FFAD3F



00DDD7



E3A2FF

# Complementary

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



FFAD3F



3F91FF

# 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.



74BCFF



FFAD3F



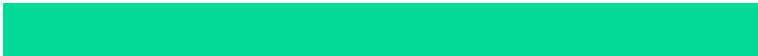
00DAFF

# Square

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



FFAD3F



00DA95



00D0FF



FF8AE7

# Rectangle

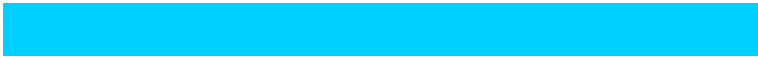
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAD3F



9BCE4A



00D0FF



C6ABFF



# Sweetspot

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



FFAD3F



FFE6C4



FF3F92



80705C



000000



808080



# Same Dimension

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



FFAD3F



FF9D19



F2FF3F



807A73



BF6E00



402500



# Inverse Universe

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



3F91FF



197CFF



4C3FFF



737880



0052BF



001B40



# Previews

## White Background



This preview shows how the Hex color FFAD3F looks on a white background.

## Color Contrast Check

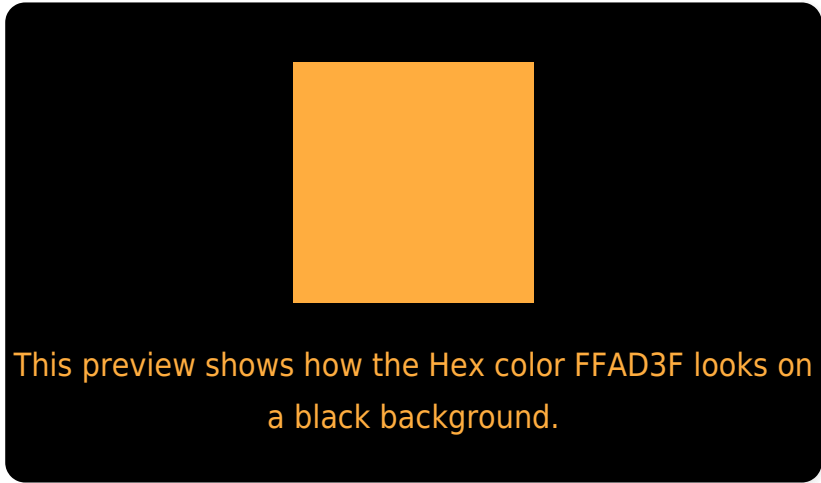
Large Text (above 18pt) WCAG AA × Fail

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 FFAD3F Background



This preview shows how black text looks on a background with the Hex color FFAD3F.

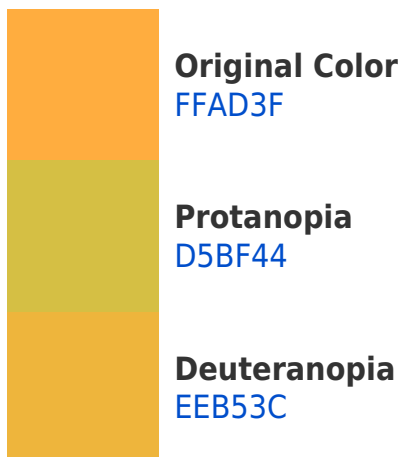


This preview shows how white text looks on a background with the Hex color FFAD3F.

# 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](#).

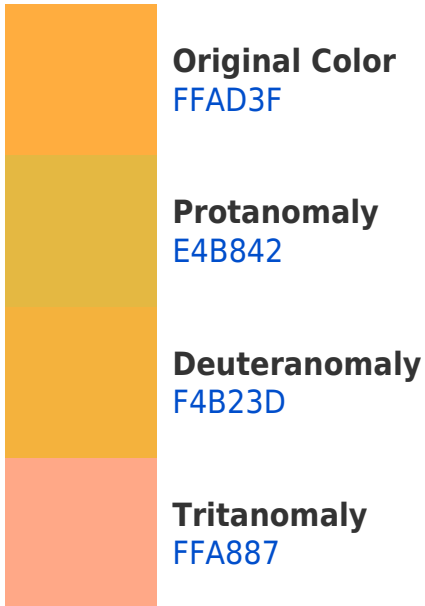
## Dichromacy



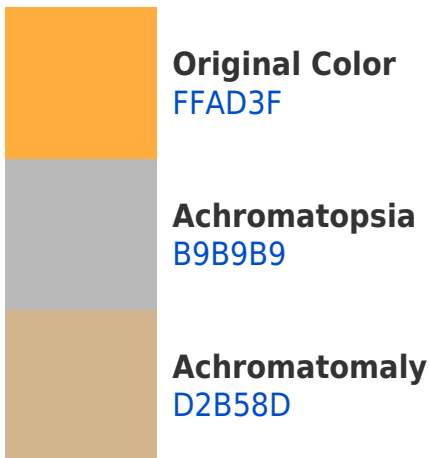


**Tritanopia**  
FFA5B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAD3F 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 #FFAD3F looks like.

```
.text, #text, p{  
    color:#FFAD3F  
}
```

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 #FFAD3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAD3F
}
```

## Border

The CSS property to change the border of an element to Hex FFAD3F 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
#FFAD3F }
```

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

```
.border{ border-color:#FFAD3F }
```

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

Here you see how a box with a 4 pixel #FFAD3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAD3F; -webkit-box-shadow:4px 4px  
4px 4px #FFAD3F; box-shadow:4px 4px 4px  
4px #FFAD3F }
```

# Background

The CSS property to change the background color of an element to Hex FFAD3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAD3F }
```

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

```
.background{ background-color:#FFAD3F }
```

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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