

# Converting Colors

Hex(FFAF77)

Have a look what the booklet for  
Hex(FFAF77) contains.

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# **Color**

**Hex(FFAF77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAF77
RGB	255, 175, 119
RGB Percent	100%, 69%, 47%
CMY	0.0000, 0.3137, 0.5333
CMYK	0.00, 0.31, 0.53, 0.00
HSL	25°, 100%, 73%
HSV	25°, 53%, 100%
XYZ	59.8997, 53.2519, 24.5743
YIQ	192.5360, 65.6560, -0.4560

# Conversions

## Conversions Part 2

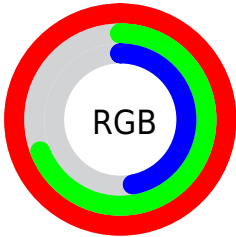
Format	Color
R <sub>Y</sub> B	255, 214, 119
Decimal	16756599
CIE Lab	78.02, 23.41, 40.34
CIE LCh	78, 46.639, 59.878
Yxy	53.2519, 0.4349, 0.3867
Android (android.graphics.Color)	4294946679 (0xFFFFAF77)
YUV	192.5360, -36.2532, 54.7809
Hunter-Lab	72.9739, 18.8154, 31.1155

# Details

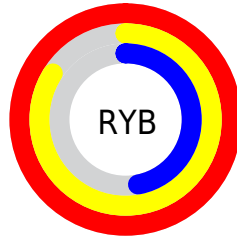
The Hex color **FFAF77** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77C7FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE7AC**, and **C37A45** is the 20% darker color. If you saturate the color by 10%, you get **FFA05E**, and if you desaturate by 10%, it is **FFBE91**.

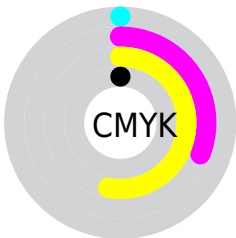
# Distribution



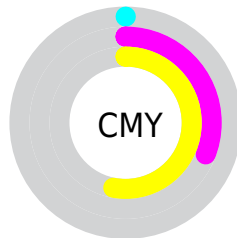
- Red (100%)
- Green (69%)
- Blue (47%)



- Red (100%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAF77 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 FFAF77 by changing the saturation by 10% instead.



 FFAF77

 FFAF77

FFFFFF

 E1945E

 FFE7AC

 C37A45

 FFFFC8

 A6612D

 FFFFE4

 894915

 6D3200

 511B00

 360500

 1C0001

 000000

■ FFAF77

■ FFAF77

■ FFA05E

■ FFBE91

■ FF9144

■ FFCDA A

■ FF822A

■ FFDCC3

■ FF7311

■ FFE BDD

■ FF6900

■ FFFAF7

FFFFFF

# Harmonies

## Analogous

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



FFA298



FFAF77



DCBE69

# Triad

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



FFAF77



30D7BF



C5B6FF

# Complementary

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



FFAF77



77C7FF

# 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.



7CC5FF



FFAF77



00D7EB

# Square

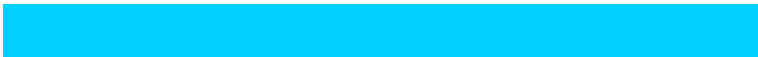
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFAF77



7BD494



00D1FF



F7A6ED

# Rectangle

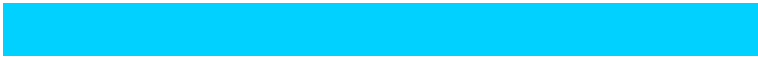
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAF77



C0C76D



00D1FF



AFBBFF

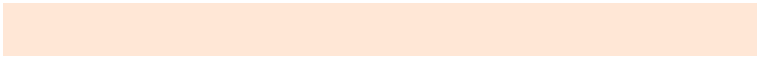


# Sweetspot

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



FFAF77



FFE7D6



FF77C9



807167



000000



808080



# Same Dimension

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



FFAF77



FF9F5C



FFF177



807873



BF4F00

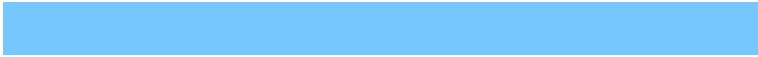


401A00



# Inverse Universe

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



77C7FF



5CBCFF



7785FF



737A80



0071BF



002640



# Previews

## White Background



This preview shows how the Hex color FFAF77 looks on a white background.

## Color Contrast Check

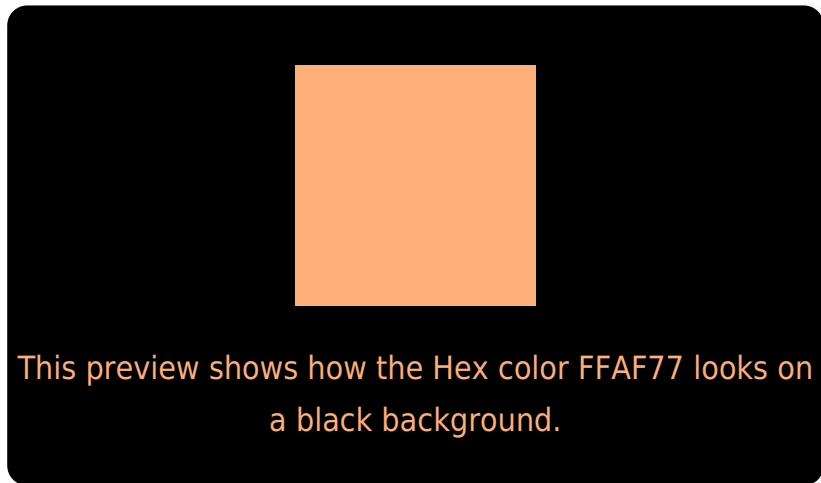
Large Text (above 18pt) WCAG AA × Fail

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 FFAF77 Background



This preview shows how black text looks on a background with the Hex color FFAF77.

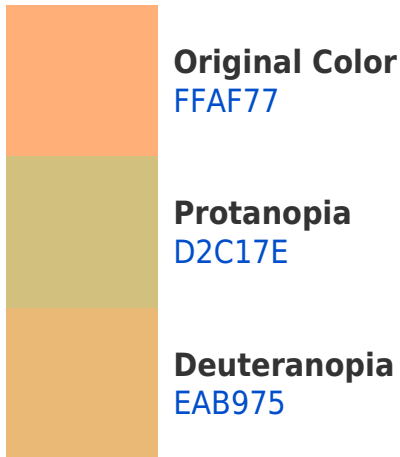


This preview shows how white text looks on a background with the Hex color FFAF77.

# Color Blindness Simulation

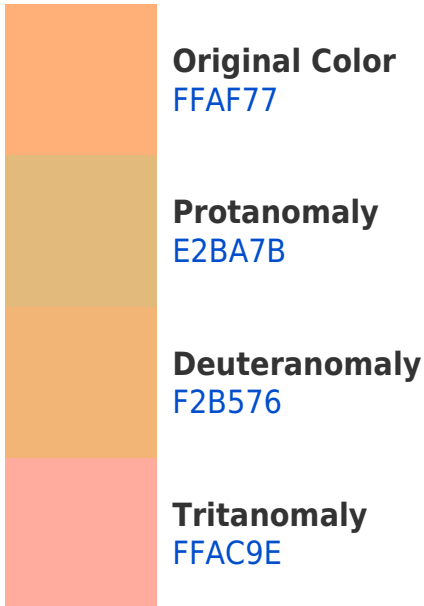
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

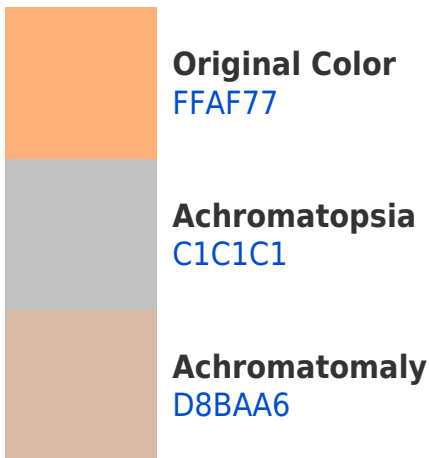




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAF77 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 #FFAF77 looks like.

```
.text, #text, p{  
    color:#FFAF77  
}
```

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 #FFAF77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAF77
}
```

## Border

The CSS property to change the border of an element to Hex FFAF77 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
#FFAF77 }
```

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

```
.border{ border-color:#FFAF77 }
```

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

Here you see how a box with a 4 pixel #FFAF77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAF77; -webkit-box-shadow:4px 4px  
4px 4px #FFAF77; box-shadow:4px 4px 4px  
4px #FFAF77 }
```

# Background

The CSS property to change the background color of an element to Hex FFAF77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAF77 }
```

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

```
.background{ background-color:#FFAF77 }
```

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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