

Converting Colors

Hex(FFAF5E)

Have a look what the booklet for
Hex(FFAF5E) contains.

Hex(FFAF5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFAF5E)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF5E
RGB	255, 175, 94
RGB Percent	100%, 69%, 37%
CMY	0.0000, 0.3137, 0.6314
CMYK	0.00, 0.31, 0.63, 0.00
HSL	30°, 100%, 68%
HSV	30°, 63%, 100%
XYZ	58.5904, 52.7281, 17.6792
YIQ	189.6860, 73.6810, -8.2310

Conversions

Conversions Part 2

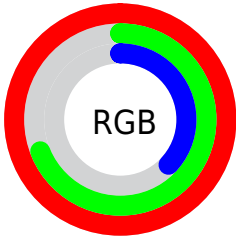
Format	Color
RYB	253, 255, 94
Decimal	16756574
CIELab	77.71, 21.59, 52.47
CIElCh	78, 56.736, 67.631
Yxy	52.7281, 0.4542, 0.4088
Android (android.graphics.Color)	4294946654 (0xFFFFAF5E)
YUV	189.6860, -47.1732, 57.2804
Hunter-Lab	72.6141, 16.9521, 36.3947

Details

The Hex color **FFAF5E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5EAEFF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE793**, and **C27A2B** is the 20% darker color. If you saturate the color by 10%, you get **FFA245**, and if you desaturate by 10%, it is **FFBC78**.

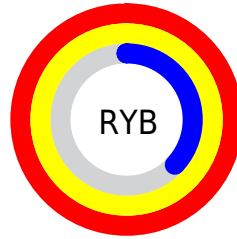
Distribution



Red (100%)

Green (69%)

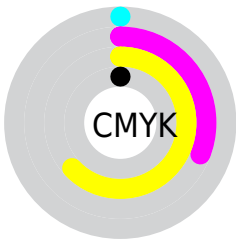
Blue (37%)



Red (99%)

Yellow (100%)

Blue (37%)

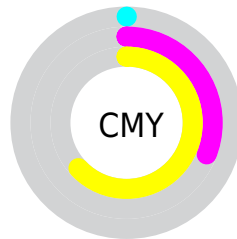


Cyan (0%)

Magenta (31%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAF5E 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 FFAF5E by changing the saturation by 10% instead.

 FFAF5E

 FFAF5E

FFFFFF

 E09444

 FFE793

 C27A2B

 FFFFAE

 A4610E

 FFFFCA

 874900

 FFFF7E

 6B3200

 4E1C00

 330700

 180001

 000000

 FFAF5E

 FFAF5E

 FFA245

 FFBC78

 FF962B

 FFC891

 FF8912

 FFD5AB

 FF8000

 FFE2C4

 FFEEDC

 FFFBF7

FFFFFF

Harmonies

Analogous

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



FF9C82



FFAF5E



D2C253

Triad

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



FFAF5E



00DBCC



D6ADFF

Complementary

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



FFAF5E



5EAEFF

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.



7DC1FF



FFAF5E



00D9FF

Square

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



FFAF5E



4CD896



00D0FF



FF9AE9

Rectangle

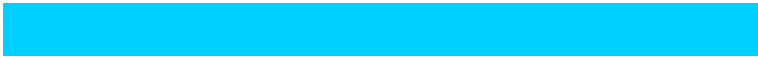
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAF5E



AECB5F



00D0FF



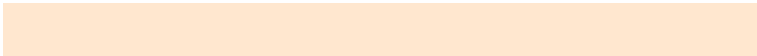
BDB4FF

Sweetspot

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



FFAF5E



FFE7CF



FF5EAF



807162



000000



808080

Same Dimension

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



FFAF5E



FF9F3D



FFFF5E



807973



BF6000



402000

Inverse Universe

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



5EAEFF



3D9DFF



5E5EFF



737980



005FBF



002040

Previews

White Background



This preview shows how the Hex color FFAF5E looks on a white background.

Color Contrast Check

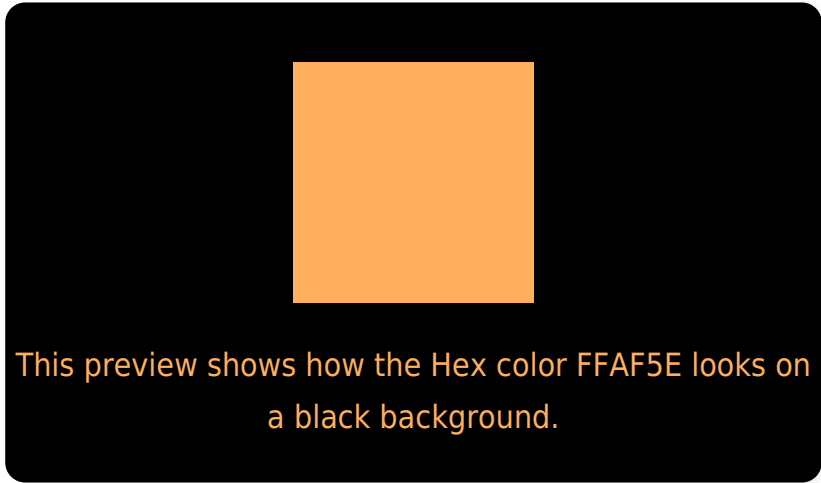
Large Text (above 18pt) WCAG AA × Fail

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 FFAF5E Background



This preview shows how black text looks on a background with the Hex color FFAF5E.

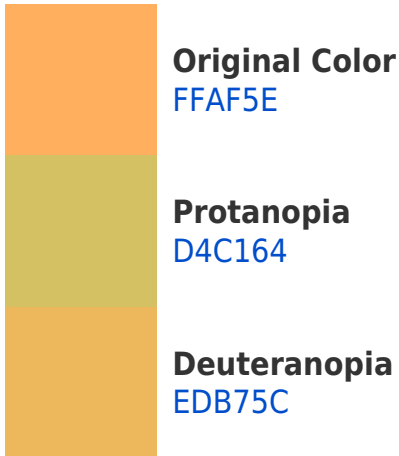


This preview shows how white text looks on a background with the Hex color FFAF5E.

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](#).

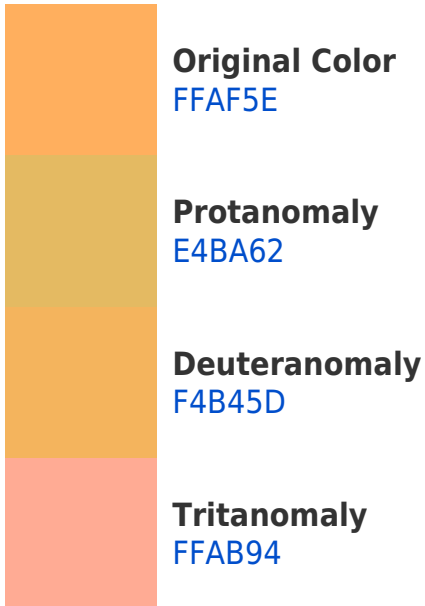
Dichromacy





Tritanopia
FFA8B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAF5E 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 #FFAF5E looks like.

```
.text, #text, p{  
    color:#FFAF5E  
}
```

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 #FFAF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAF5E
}
```

Border

The CSS property to change the border of an element to Hex FFAF5E 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
#FFAF5E }
```

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

```
.border{ border-color:#FFAF5E }
```

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

Here you see how a box with a 4 pixel #FFAF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAF5E; -webkit-box-shadow:4px 4px  
4px 4px #FFAF5E; box-shadow:4px 4px 4px  
4px #FFAF5E }
```

Background

The CSS property to change the background color of an element to Hex FFAF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAF5E }
```

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

```
.background{ background-color:#FFAF5E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor