

# Converting Colors

Hex(FFA45F)

Have a look what the booklet for  
Hex(FFA45F) contains.

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# **Color**

**Hex(FFA45F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA45F
RGB	255, 164, 95
RGB Percent	100%, 64%, 37%
CMY	0.0000, 0.3569, 0.6275
CMYK	0.00, 0.36, 0.63, 0.00
HSL	26°, 100%, 69%
HSV	26°, 63%, 100%
XYZ	56.5810, 48.6371, 17.2322
YIQ	183.3430, 76.3850, -2.1670

# Conversions

## Conversions Part 2

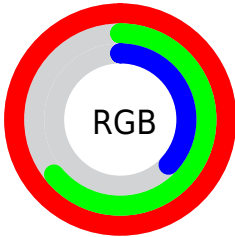
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 216, 95
Decimal	16753759
CIE <sub>Lab</sub>	75.23, 27.40, 49.10
CIE <sub>LCh</sub>	75, 56.229, 60.838
Yxy	48.6371, 0.4621, 0.3972
Android (android.graphics.Color)	4294943839 (0xFFFFA45F)
YUV	183.3430, -43.5531, 62.8432
Hunter-Lab	69.7403, 22.7732, 34.1682

# Details

The Hex color **FFA45F** 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 **5FB AFF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDB93**, and **C2702D** is the 20% darker color. If you saturate the color by 10%, you get **FF9545**, and if you desaturate by 10%, it is **FFB379**.

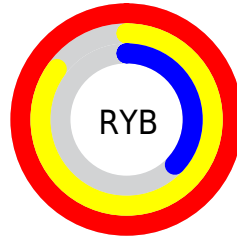
# Distribution



Red (100%)

Green (64%)

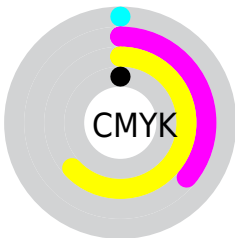
Blue (37%)



Red (100%)

Yellow (85%)

Blue (37%)

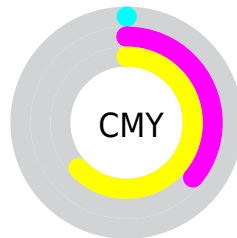


Cyan (0%)

Magenta (36%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA45F 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 FFA45F by changing the saturation by 10% instead.



 FFA45F

 FFA45F

FFFFFF

 E08946

 FFDB93

 C2702D

 FFF8AE

 A45713

 FFFFCA

 863F00

 FFFFE7

 6A2700

 4D1000

 330000

 110000

 000000

■ FFA45F

■ FFA45F

■ FF9545

■ FFB379

■ FF872C

■ FFC192

■ FF7812

■ FFD0AC

■ FF6E00

■ FFDEC5

■ FFEDDF

■ FFFBF8

FFFFFF

# Harmonies

## Analogous

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



FF9387



FFA45F



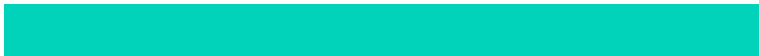
D6B74D

# Triad

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



FFA45F



00D3B9



BEABFF

# Complementary

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



FFA45F



5FBAFF

# 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.



59BEFF



FFA45F



00D2ED

# Square

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



FFA45F



5CCF85



00CCFF



FA97ED

# Rectangle

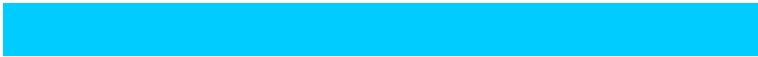
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA45F



B4C154



00CCFF



A3B2FF

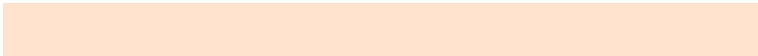


# Sweetspot

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



FFA45F



FFE3CF



FF5FBC



806F62



000000



808080



# Same Dimension

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



FFA45F



FF9240



FFF25F



807873



BF5200



401B00



# Inverse Universe

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



5FBAFF



40ADFF



5F6CFF



737A80



006DBF



002440



# Previews

## White Background



This preview shows how the Hex color FFA45F looks on a white background.

## Color Contrast Check

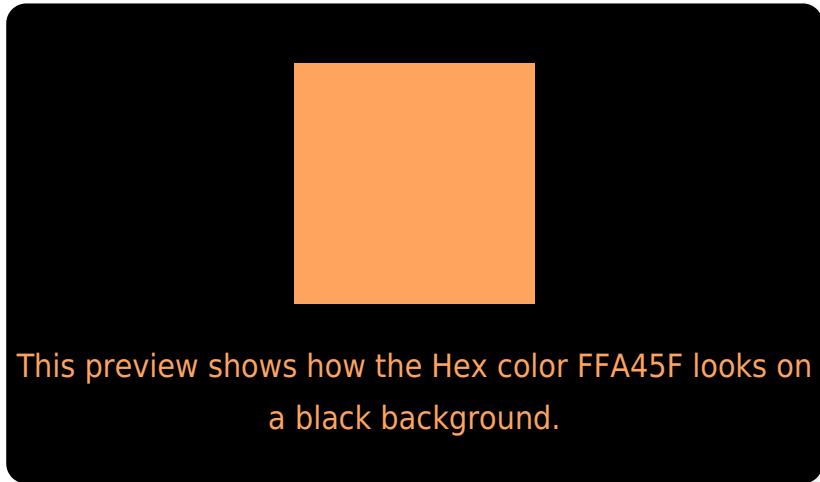
Large Text (above 18pt) WCAG AA × Fail

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

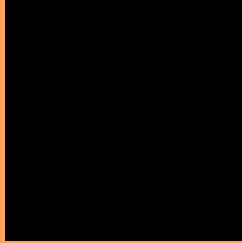
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFA45F Background



This preview shows how black text looks on a background with the Hex color FFA45F.

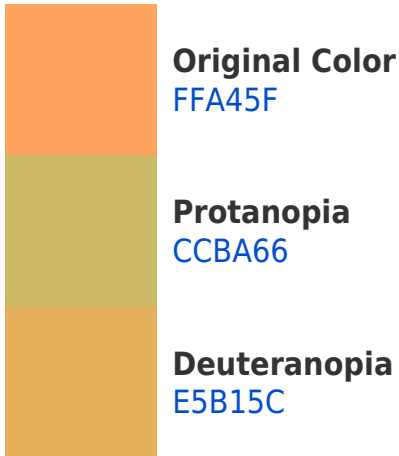


This preview shows how white text looks on a background with the Hex color FFA45F.

# 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](#).

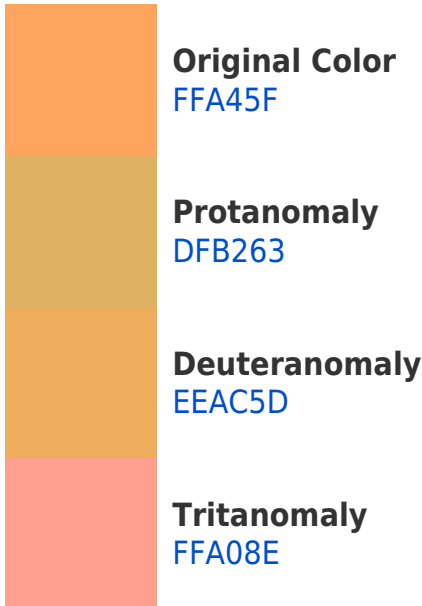
## Dichromacy



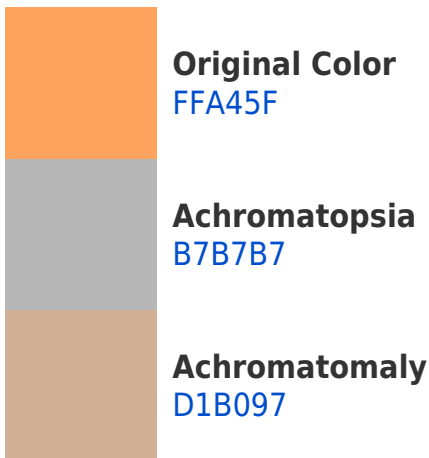


**Tritanopia**  
FF9EA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA45F 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 #FFA45F looks like.

```
.text, #text, p{  
    color:#FFA45F  
}
```

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 #FFA45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA45F
}
```

## Border

The CSS property to change the border of an element to Hex FFA45F 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
#FFA45F }
```

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

```
.border{ border-color:#FFA45F }
```

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

Here you see how a box with a 4 pixel #FFA45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA45F; -webkit-box-shadow:4px 4px  
4px 4px #FFA45F; box-shadow:4px 4px 4px  
4px #FFA45F }
```

# Background

The CSS property to change the background color of an element to Hex FFA45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA45F }
```

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

```
.background{ background-color:#FFA45F }
```

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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