

# Converting Colors

Hex(FFA739)

Have a look what the booklet for  
Hex(FFA739) contains.

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# **Color**

**Hex(FFA739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA739
RGB	255, 167, 57
RGB Percent	100%, 65%, 22%
CMY	0.0000, 0.3451, 0.7765
CMYK	0.00, 0.35, 0.78, 0.00
HSL	33°, 100%, 61%
HSV	33°, 78%, 100%
XYZ	55.7972, 49.1928, 10.4252
YIQ	180.7720, 87.7580, -15.5540

# Conversions

## Conversions Part 2

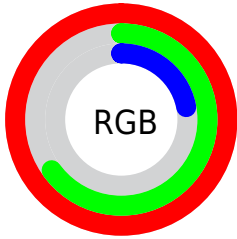
Format	Color
<a href="#">RYB</a>	<a href="#">215, 255, 57</a>
Decimal	<a href="#">16754489</a>
CIELab	<a href="#">75.57, 23.96, 66.38</a>
CIElCh	<a href="#">76, 70.575, 70.157</a>
Yxy	<a href="#">49.1928, 0.4834, 0.4262</a>
Android (android.graphics.Color)	<a href="#">4294944569</a> (0xFFFFA739)
YUV	<a href="#">180.7720, -61.0196, 65.0980</a>
Hunter-Lab	<a href="#">70.1376, 19.2630, 40.2835</a>

# Details

The Hex color **FFA739** 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 **3991FF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDE70**, and **C17300** is the 20% darker color. If you saturate the color by 10%, you get **FF9C1F**, and if you desaturate by 10%, it is **FFB252**.

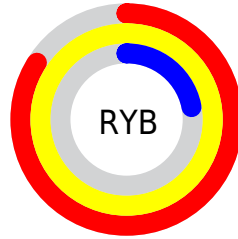
# Distribution



Red (100%)

Green (65%)

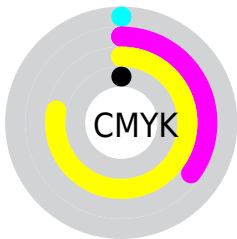
Blue (22%)



Red (84%)

Yellow (100%)

Blue (22%)

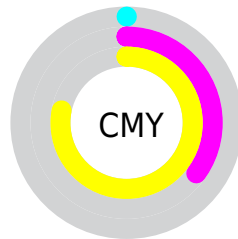


Cyan (0%)

Magenta (35%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA739 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 FFA739 by changing the saturation by 10% instead.



 FFA739

 FFA739

FFFFFF

 E08D1A

 FFDE70

 C17300

 FFFB8B

 A25A00

 FFFFA7

 854200

 FFFFC3

 672B00

 FFFFEO

 4B1500

FFFFFFD

 300000

 0D0000

 000000

■ FFA739

■ FFA739

■ FF9C1F

■ FF8252

■ FF9006

■ FFBE6C

■ FF8E00

■ FFC985

■ FFD49F

■ FFE0B8

■ FFE8D2

■ FFF6EB

FFFFFF

# Harmonies

## Analogous

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



FF8D69



FFA739



C7BE2A

# Triad

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



FFA739



00D9CF



DA9FFF

# Complementary

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



FFA739



3991FF

# 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.



5DBAFF



FFA739



00D7FF

# Square

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



FFA739



00D68B



00CFFF



FF85E8

# Rectangle

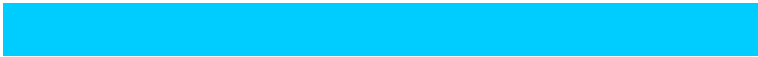
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA739



9AC93F



00CDFF



BAA9FF

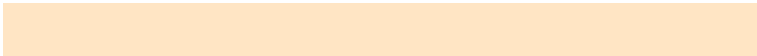


# Sweetspot

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



FFA739



FFE5C4



FF3992



80705C



000000



808080



# Same Dimension

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



FFA739



FF9612



F5FF39



807A73



BF6A00



402300



# Inverse Universe

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



3991FF



127BFF



4339FF



737880



0055BF



001C40



# Previews

## White Background



This preview shows how the Hex color FFA739 looks on a white background.

## Color Contrast Check

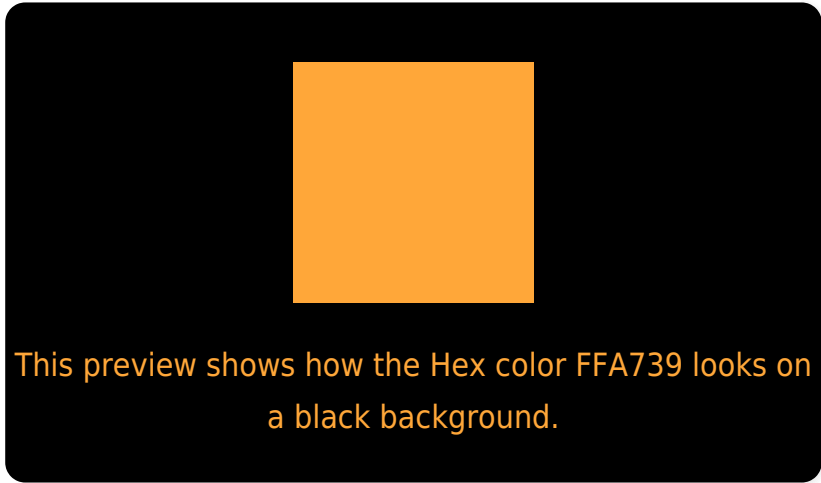
Large Text (above 18pt) WCAG AA × Fail

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 FFA739 Background



This preview shows how black text looks on a background with the Hex color FFA739.



This preview shows how white text looks on a background with the Hex color FFA739.

# 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**  
FFA739

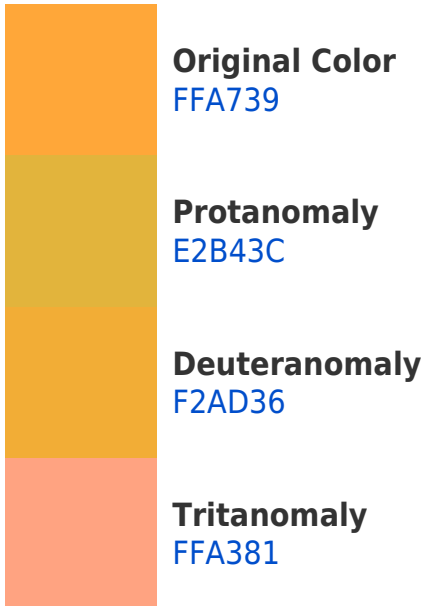
**Protanopia**  
D1BB3E

**Deuteranopia**  
EAB135

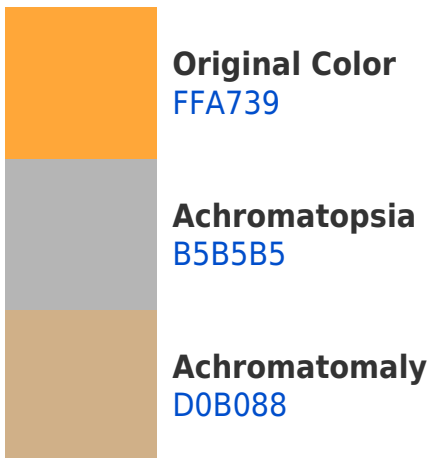


**Tritanopia**  
FFA0AA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA739 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 #FFA739 looks like.

```
.text, #text, p{  
    color:#FFA739  
}
```

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 #FFA739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA739
}
```

## Border

The CSS property to change the border of an element to Hex FFA739 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
#FFA739 }
```

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

```
.border{ border-color:#FFA739 }
```

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

Here you see how a box with a 4 pixel #FFA739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA739; -webkit-box-shadow:4px 4px  
4px 4px #FFA739; box-shadow:4px 4px 4px  
4px #FFA739 }
```

# Background

The CSS property to change the background color of an element to Hex FFA739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA739 }
```

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

```
.background{ background-color:#FFA739 }
```

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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