

# Converting Colors

Hex(FFA741)

Have a look what the booklet for  
Hex(FFA741) contains.

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# **Color**

**Hex(FFA741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA741
RGB	255, 167, 65
RGB Percent	100%, 65%, 25%
CMY	0.0000, 0.3451, 0.7451
CMYK	0.00, 0.35, 0.75, 0.00
HSL	32°, 100%, 63%
HSV	32°, 75%, 100%
XYZ	56.0129, 49.2791, 11.5606
YIQ	181.6840, 85.1900, -13.0660

# Conversions

## Conversions Part 2

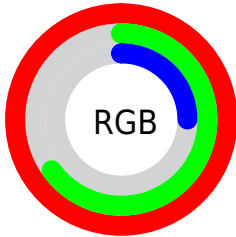
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 255, 65
Decimal	16754497
CIE Lab	75.62, 24.26, 63.27
CIE LCh	76, 67.762, 69.017
Yxy	49.2791, 0.4793, 0.4217
Android (android.graphics.Color)	4294944577 (0xFFFFA741)
YUV	181.6840, -57.5252, 64.2981
Hunter-Lab	70.1991, 19.5794, 39.3752

# Details

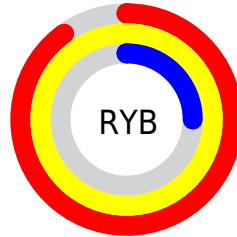
The Hex color **FFA741** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4199FF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFDE77**, and **C17300** is the 20% darker color. If you saturate the color by 10%, you get **FF9B27**, and if you desaturate by 10%, it is **FFB35A**.

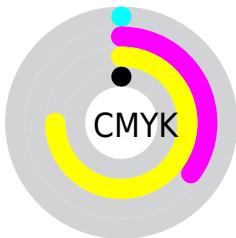
# Distribution



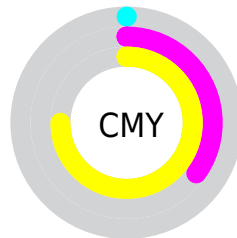
- Red (100%)
- Green (65%)
- Blue (25%)



- Red (90%)
- Yellow (100%)
- Blue (25%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA741 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 FFA741 by changing the saturation by 10% instead.



 FFA741

 FFA741

FFFFFF

 E08C25

 FFDE77

 C17300

 FFFB92

 A35A00

 FFFFAD

 854200

 FFFFCA

 682B00

 FFFFEE

 4B1500

 310000

 0E0000

 000000

 FFA741

 FFA741

 FF9B27

 FFB35A

 FF8F0E

 FFBF74

 FF8900

 FFCA8E

 FFD6A7

 FFE2C1

 FFEEDA

 FFFAF3

FFFFFF

# Harmonies

## Analogous

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



FF8E6F



FFA741



CABD32

# Triad

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



FFA741



00D9CC



D6A2FF

# Complementary

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



FFA741



4199FF

# 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.



5FBBFF



FFA741



00D6FF

# Square

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



FFA741



00D68B



00CDFE



FF89E9

# Rectangle

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



FFA741



9FC844



00CDFF



B7ABFF

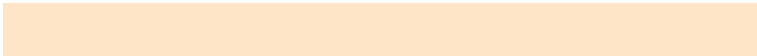


# Sweetspot

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



FFA741



FFE5C7



FF419A



80705E



000000



808080



# Same Dimension

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



FFA741



FF961C



F9FF41



807A73



BF6700



402200



# Inverse Universe

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



4199FF



1C85FF



4741FF



737980



0059BF



001E40



# Previews

## White Background



This preview shows how the Hex color FFA741 looks on a white background.

## Color Contrast Check

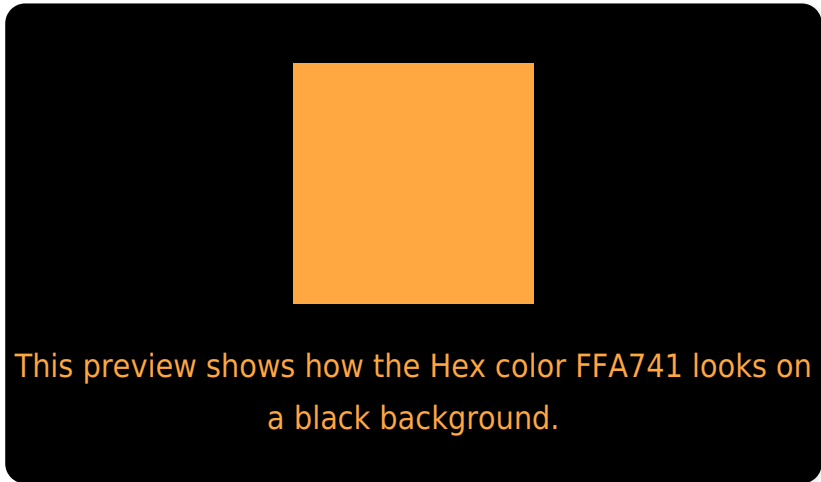
Large Text (above 18pt) WCAG AA × Fail

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 FFA741 Background



This preview shows how black text looks on a background with the Hex color FFA741.



This preview shows how white text looks on a background with the Hex color FFA741.

# 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**  
FFA741

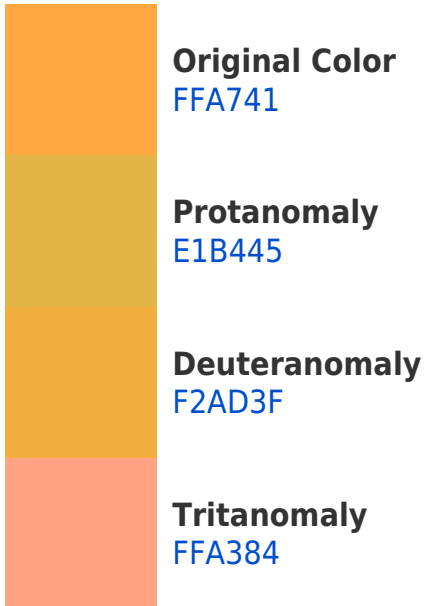
**Protanopia**  
D0BB47

**Deuteranopia**  
EAB13E

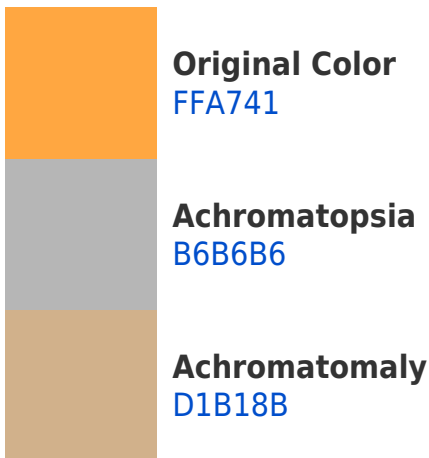


**Tritanopia**  
FFA0AA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA741 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 #FFA741 looks like.

```
.text, #text, p{  
    color:#FFA741  
}
```

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 #FFA741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA741
}
```

## Border

The CSS property to change the border of an element to Hex FFA741 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
#FFA741 }
```

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

```
.border{ border-color:#FFA741 }
```

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

Here you see how a box with a 4 pixel #FFA741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA741; -webkit-box-shadow:4px 4px  
4px 4px #FFA741; box-shadow:4px 4px 4px  
4px #FFA741 }
```

# Background

The CSS property to change the background color of an element to Hex FFA741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA741 }
```

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

```
.background{ background-color:#FFA741 }
```

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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