

Converting Colors

Hex(FFA74D)

Have a look what the booklet for
Hex(FFA74D) contains.

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Color

Hex(FFA74D)

Conversions

Conversions Part 1

Format	Color
Hex	FFA74D
RGB	255, 167, 77
RGB Percent	100%, 65%, 30%
CMY	0.0000, 0.3451, 0.6980
CMYK	0.00, 0.35, 0.70, 0.00
HSL	30°, 100%, 65%
HSV	30°, 70%, 100%
XYZ	56.3983, 49.4333, 13.5902
YIQ	183.0520, 81.3380, -9.3340

Conversions

Conversions Part 2

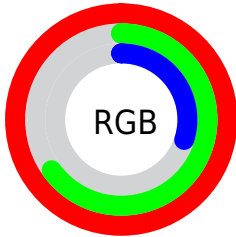
Format	Color
RYB	251, 255, 77
Decimal	16754509
CIELab	75.72, 24.81, 58.19
CIELCh	76, 63.257, 66.905
Yxy	49.4333, 0.4723, 0.4139
Android (android.graphics.Color)	4294944589 (0xFFFFA74D)
YUV	183.0520, -52.2836, 63.0984
Hunter-Lab	70.3088, 20.1436, 37.7558

Details

The Hex color **FFA74D** 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 **4DA5FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDE82**, and **C17316** is the 20% darker color. If you saturate the color by 10%, you get **FF9A34**, and if you desaturate by 10%, it is **FFB467**.

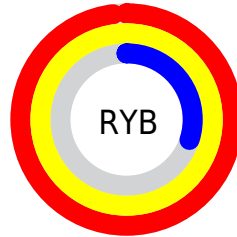
Distribution



Red (100%)

Green (65%)

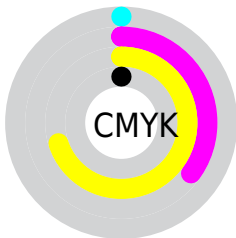
Blue (30%)



Red (98%)

Yellow (100%)

Blue (30%)

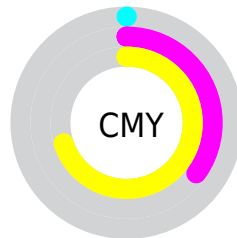


Cyan (0%)

Magenta (35%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA74D 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 FFA74D by changing the saturation by 10% instead.

 FFA74D

 FFA74D

FFFFFF

 E08C33

 FFDE82

 C17316

 FFFB9D

 A35A00

 FFFFB9

 864200

 FFFF5D

 682B00

 FFFFF2

 4C1500

 310000

 100000

 000000

■ FFA74D

■ FFA74D

■ FF9A34

■ FFB467

■ FF8E1A

■ FFC080

■ FF8101

■ FFCD9A

■ FF8100

■ FFD9B3

■ FFE6CD

■ FFF3E6

FFFFFF

Harmonies

Analogous

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



FF9178



FFA74D



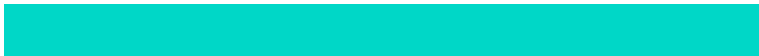
CEBC3E

Triad

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



FFA74D



00D7C7



D0A6FF

Complementary

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



FFA74D



4DA5FF

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.



61BDFF



FFA74D



00D5FF

Square

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



FFA74D



2BD48B



00CDFE



FF8FEA

Rectangle

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



FFA74D



A7C74C



00CDFF



B2AEFF

Sweetspot

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



FFA74D



FFE5C9



FF4DA6



807060



000000



808080

Same Dimension

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



FFA74D



FF9529



FFFF4D



807973



BF6100



402000

Inverse Universe

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



4DA5FF



2993FF



4D4DFF



737980



005FBF



002040

Previews

White Background



This preview shows how the Hex color FFA74D looks on a white background.

Color Contrast Check

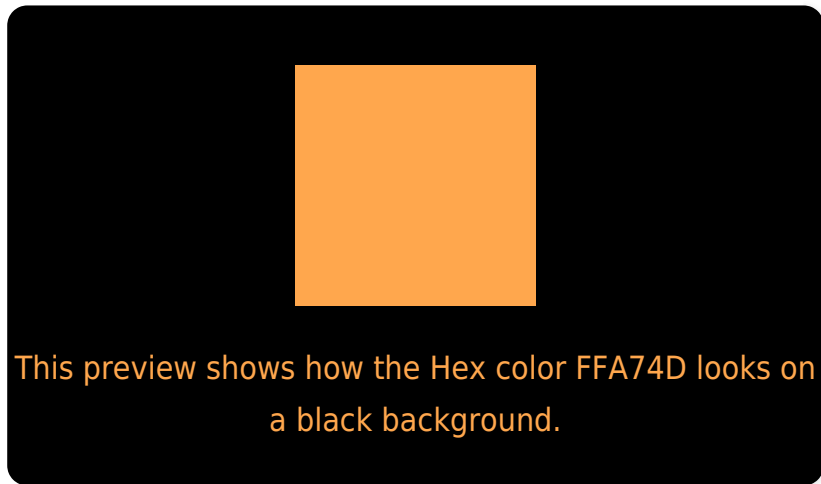
Large Text (above 18pt) WCAG AA × Fail

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 FFA74D Background



This preview shows how black text looks on a background with the Hex color FFA74D.



This preview shows how white text looks on a background with the Hex color FFA74D.

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
FFA74D

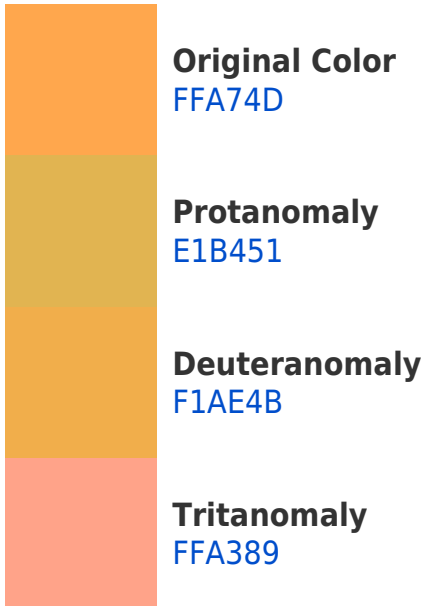
Protanopia
D0BB53

Deuteranopia
E9B24A

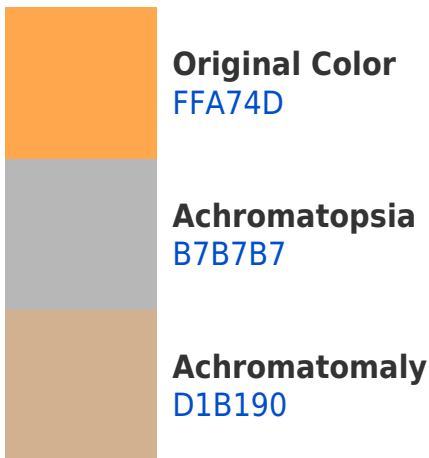


Tritanopia
FFA0AB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA74D 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 #FFA74D looks like.

```
.text, #text, p{  
    color:#FFA74D  
}
```

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 #FFA74D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA74D
}
```

Border

The CSS property to change the border of an element to Hex FFA74D 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
#FFA74D }
```

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

```
.border{ border-color:#FFA74D }
```

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

Here you see how a box with a 4 pixel #FFA74D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA74D; -webkit-box-shadow:4px 4px  
4px 4px #FFA74D; box-shadow:4px 4px 4px  
4px #FFA74D }
```

Background

The CSS property to change the background color of an element to Hex FFA74D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA74D }
```

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

```
.background{ background-color:#FFA74D }
```

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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