

# Converting Colors

Hex(FFA874)

Have a look what the booklet for  
Hex(FFA874) contains.

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# **Color**

**Hex(FFA874)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA874
RGB	255, 168, 116
RGB Percent	100%, 66%, 45%
CMY	0.0000, 0.3412, 0.5451
CMYK	0.00, 0.34, 0.55, 0.00
HSL	22°, 100%, 73%
HSV	22°, 55%, 100%
XYZ	58.3950, 50.5262, 23.1978
YIQ	188.0850, 68.5440, 2.2720

# Conversions

## Conversions Part 2

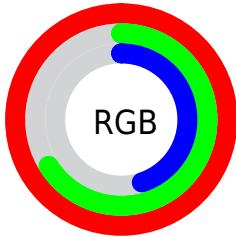
Format	Color
R <sub>Y</sub> B	255, 199, 116
Decimal	16754804
CIE Lab	76.39, 26.82, 39.84
CIE LCh	76, 48.030, 56.053
Yxy	50.5262, 0.4420, 0.3824
Android (android.graphics.Color)	4294944884 (0xFFFFA874)
YUV	188.0850, -35.5379, 58.6845
Hunter-Lab	71.0818, 22.2479, 30.4078

# Details

The Hex color **FFA874** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74CBFF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE0A9**, and **C37342** is the 20% darker color. If you saturate the color by 10%, you get **FF985A**, and if you desaturate by 10%, it is **FFB88E**.

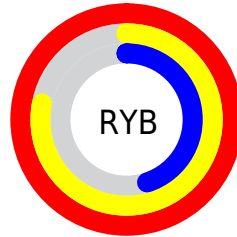
# Distribution



Red (100%)

Green (66%)

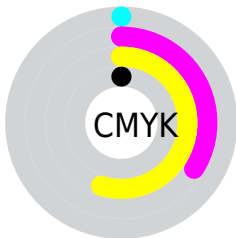
Blue (45%)



Red (100%)

Yellow (78%)

Blue (45%)

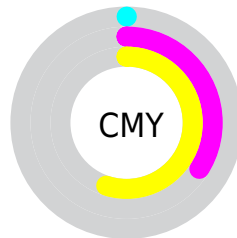


Cyan (0%)

Magenta (34%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA874 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 FFA874 by changing the saturation by 10% instead.



 FFA874

 FFA874

FFFFFF

 E18D5B

 FFE0A9

 C37342

 FFFCC4

 A55A2B

 FFFFE1

 884213

FFFFFFD

 6C2B00

 501400

 350000

 180001

 000000

FFA874

FFA874

FF985A

FFB88E

FF8841

FFC8A7

FF7827

FFD8C1

FF680E

FFE8DA

FF5F00

FFF8F3

FFFFFF

# Harmonies

## Analogous

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



FF9B98



FFA874



DDB862

# Triad

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



FFA874



2CD3B5



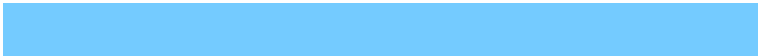
B8B3FF

# Complementary

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



FFA874



74CBFF

# Split Complementary

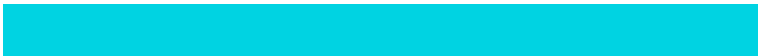
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68C3FF



FFA874



00D3E2

# Square

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



FFA874



7CCF89



00CEFF



EEA3EF

# Rectangle

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



FFA874



C1C165



00CEFF



A0B9FF

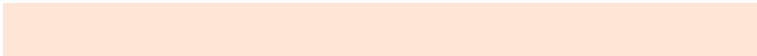


# Sweetspot

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



FFA874



FFE5D6



FF74CC



807067



000000



808080



# Same Dimension

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



FFA874



FF9759



FFEC74



807873



BF4800

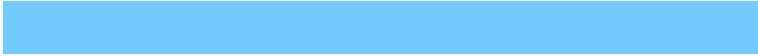


401800



# Inverse Universe

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



74CBFF



59C1FF



7487FF



737B80



0078BF



002840



# Previews

## White Background



This preview shows how the Hex color FFA874 looks on a white background.

## Color Contrast Check

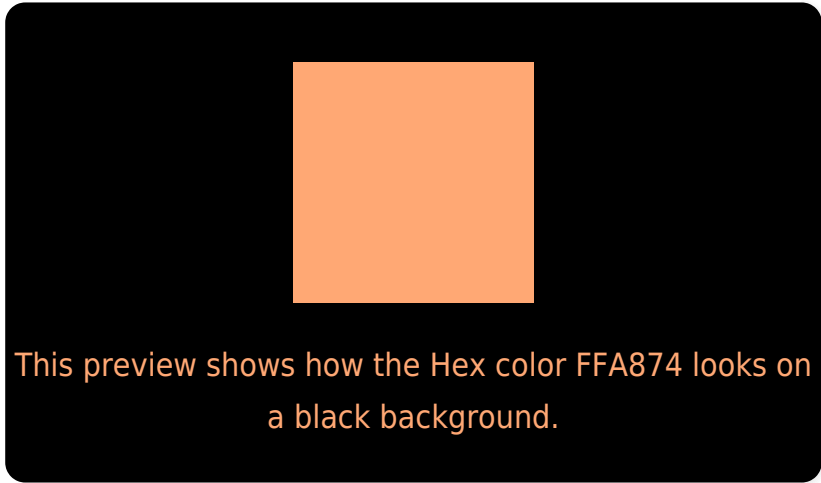
Large Text (above 18pt) WCAG AA × Fail

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

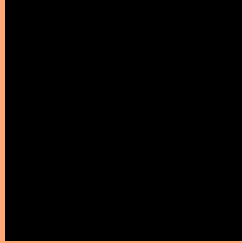
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFA874 Background



This preview shows how black text looks on a background with the Hex color FFA874.

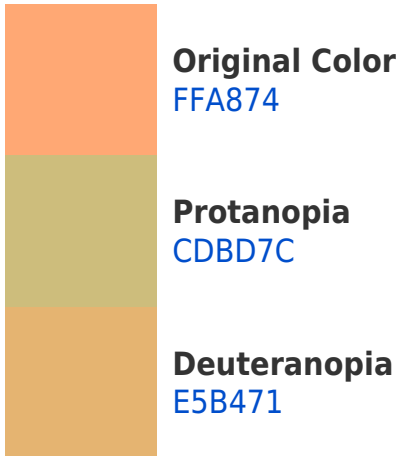


This preview shows how white text looks on a background with the Hex color FFA874.

# 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](#).

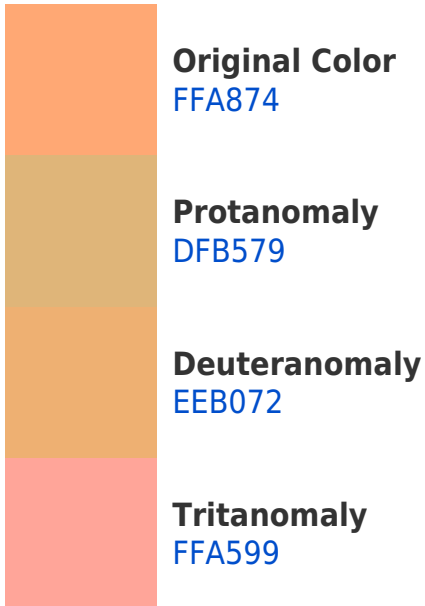
## Dichromacy



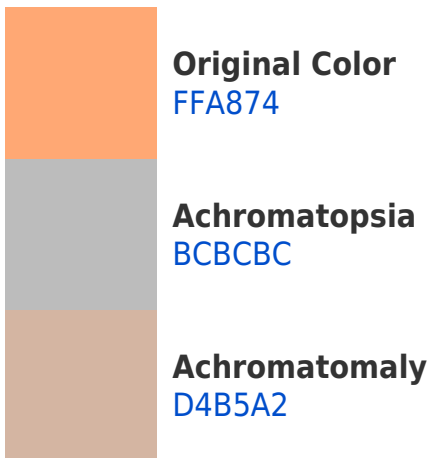


**Tritanopia**  
FFA3AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA874 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 #FFA874 looks like.

```
.text, #text, p{  
    color:#FFA874  
}
```

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 #FFA874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA874
}
```

## Border

The CSS property to change the border of an element to Hex FFA874 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
#FFA874 }
```

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

```
.border{ border-color:#FFA874 }
```

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

Here you see how a box with a 4 pixel #FFA874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA874; -webkit-box-shadow:4px 4px  
4px 4px #FFA874; box-shadow:4px 4px 4px  
4px #FFA874 }
```

# Background

The CSS property to change the background color of an element to Hex FFA874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA874 }
```

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

```
.background{ background-color:#FFA874 }
```

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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