

# Converting Colors

Hex(FFAC81)

Have a look what the booklet for  
Hex(FFAC81) contains.

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# **Color**

**Hex(FFAC81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFAC81
RGB	255, 172, 129
RGB Percent	100%, 67%, 51%
CMY	0.0000, 0.3255, 0.4941
CMYK	0.00, 0.33, 0.49, 0.00
HSL	20°, 100%, 75%
HSV	20°, 49%, 100%
XYZ	59.9550, 52.3500, 27.7135
YIQ	191.9150, 63.2710, 4.2230

# Conversions

## Conversions Part 2

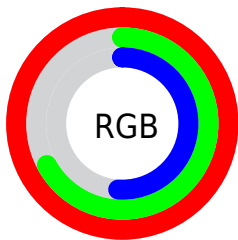
Format	Color
R <sub>Y</sub> B	255, 194, 129
Decimal	16755841
CIE Lab	77.49, 25.84, 34.44
CIE LCh	77, 43.056, 53.123
Yxy	52.3500, 0.4282, 0.3739
Android (android.graphics.Color)	4294945921 (0xFFFFAC81)
YUV	191.9150, -31.0171, 55.3255
Hunter-Lab	72.3533, 21.2942, 27.9375

# Details

The Hex color **FFAC81** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81D4FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE4B6**, and **C3774F** is the 20% darker color. If you saturate the color by 10%, you get **FF9B68**, and if you desaturate by 10%, it is **FFBD9B**.

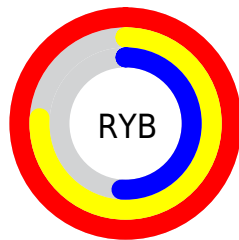
# Distribution



Red (100%)

Green (67%)

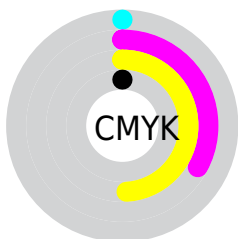
Blue (51%)



Red (100%)

Yellow (76%)

Blue (51%)

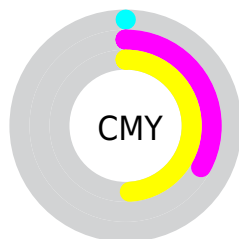


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAC81 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 FFAC81 by changing the saturation by 10% instead.



 FFAC81

 FFAC81

FFFFFF

 E19168

 FFE4B6

 C3774F

 FFFFD2

 A65E37

 FFFFEF

 894621

 6D2E0A

 521700

 370100

 1C0001

 000000

 FFAC81

 FFAC81

 FF9B68

 FFBD9B

 FF8A4E

 FFCEB4

 FF7A35

 FFDECE

 FF691B

 FFEFE7

 FF5802

FFFFFF

 FF5700

# Harmonies

## Analogous

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



FFA2A2



FFAC81



E2BA70

# Triad

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



FFAC81



54D4B5



B6B9FF

# Complementary

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



FFAC81



81D4FF

# 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.



73C6FF



FFAC81



00D4DD

# Square

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



FFAC81



8CCF8E



18D0FE



E9AAF0

# Rectangle

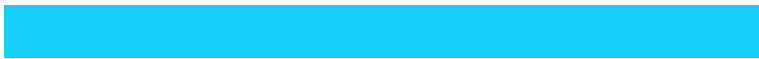
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAC81



C8C370



18D0FE



A2BDFF

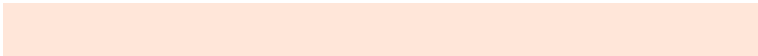


# Sweetspot

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



FFAC81



FFE6D9



FF81D5



807069



000000



808080



# Same Dimension

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



FFAC81



FF9C69



FFEA81



807773



BF4100

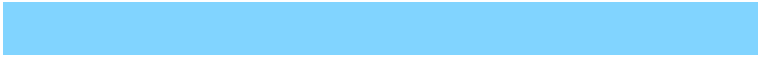


401600

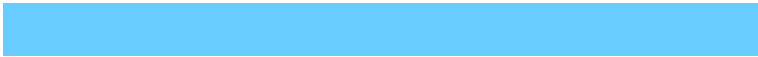


# Inverse Universe

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



81D4FF



69CCFF



8196FF



737B80



007EBF



002A40



# Previews

## White Background



This preview shows how the Hex color FFAC81 looks on a white background.

## Color Contrast Check

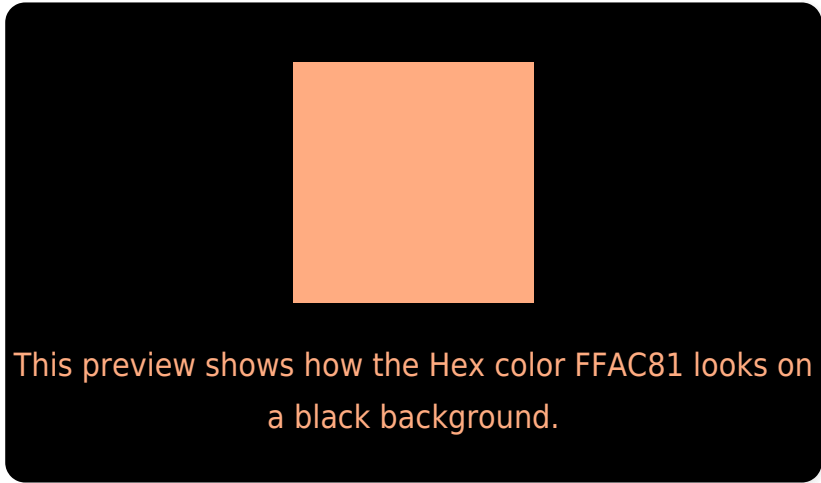
Large Text (above 18pt) WCAG AA × Fail

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

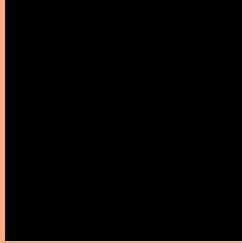
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFAC81 Background



This preview shows how black text looks on a background with the Hex color FFAC81.

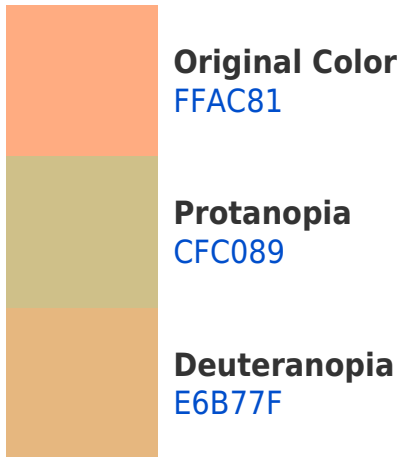


This preview shows how white text looks on a background with the Hex color FFAC81.

# 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**  
FFA8B3

# Trichromacy



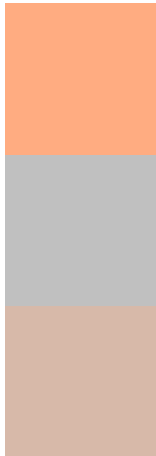
**Original Color**  
FFAC81

**Protanomaly**  
E0B986

**Deuteranomaly**  
EFB380

**Tritanomaly**  
FFA9A1

# Monochromacy



**Original Color**  
FFAC81

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
D7B9A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAC81 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 #FFAC81 looks like.

```
.text, #text, p{  
    color:#FFAC81  
}
```

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 #FFAC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAC81
}
```

## Border

The CSS property to change the border of an element to Hex FFAC81 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
#FFAC81 }
```

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

```
.border{ border-color:#FFAC81 }
```

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

Here you see how a box with a 4 pixel #FFAC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAC81; -webkit-box-shadow:4px 4px  
4px 4px #FFAC81; box-shadow:4px 4px 4px  
4px #FFAC81 }
```

# Background

The CSS property to change the background color of an element to Hex FFAC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAC81 }
```

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

```
.background{ background-color:#FFAC81 }
```

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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