

Converting Colors

Hex(FFAC80)

Have a look what the booklet for
Hex(FFAC80) contains.

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Color

Hex(FFAC80)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC80
RGB	255, 172, 128
RGB Percent	100%, 67%, 50%
CMY	0.0000, 0.3255, 0.4980
CMYK	0.00, 0.33, 0.50, 0.00
HSL	21°, 100%, 75%
HSV	21°, 50%, 100%
XYZ	59.8888, 52.3236, 27.3650
YIQ	191.8010, 63.5920, 3.9120

Conversions

Conversions Part 2

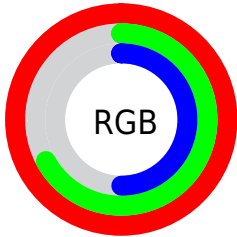
Format	Color
R _Y B	255, 195, 128
Decimal	16755840
CIE Lab	77.47, 25.75, 34.95
CIE LCh	77, 43.408, 53.619
Yxy	52.3236, 0.4291, 0.3749
Android (android.graphics.Color)	4294945920 (0xFFFFAC80)
YUV	191.8010, -31.4539, 55.4255
Hunter-Lab	72.3350, 21.2004, 28.2045

Details

The Hex color **FFAC80** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80D3FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE4B5**, and **C3774E** is the 20% darker color. If you saturate the color by 10%, you get **FF9B67**, and if you desaturate by 10%, it is **FFBD9A**.

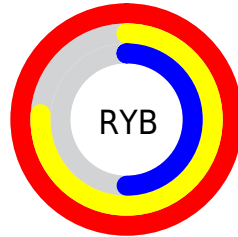
Distribution



Red (100%)

Green (67%)

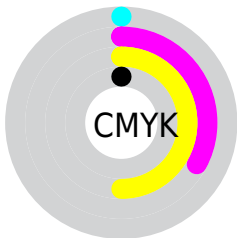
Blue (50%)



Red (100%)

Yellow (76%)

Blue (50%)

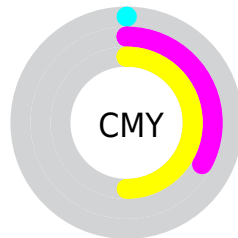


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAC80 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 FFAC80 by changing the saturation by 10% instead.

 FFAC80

 FFAC80

FFFFFF

 E19167

 FFE4B5

 C3774E

 FFFFD1

 A65E36

 FFFFED

 894620

 6D2E08

 521800

 370100

 1C0001

 000000

 FFAC80

 FFAC80

 FF9B67

 FFBD9A

 FF8B4D

 FFCDB3

 FF7A33

 FFDECD

 FF691A

 FFEFE6

 FF5900

FFFFFF

 FF5800

Harmonies

Analogous

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



FFA2A1



FFAC80



E1BA6F

Triad

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



FFAC80



52D4B5



B7B8FF

Complementary

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



FFAC80



80D3FF

Split Complementary

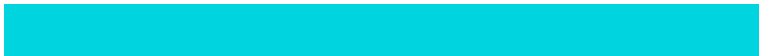
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73C6FF



FFAC80



00D4DE

Square

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



FFAC80



8AD08E



11D0FF



EAAAF0

Rectangle

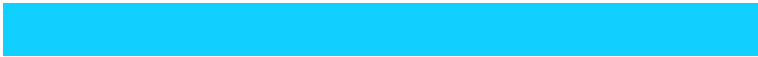
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAC80



C7C370



11D0FF



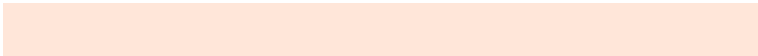
A2BDFF

Sweetspot

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



FFAC80



FFE6D9



FF80D5



807169



000000



808080

Same Dimension

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



FFAC80



FF9B66



FFEA80



807773



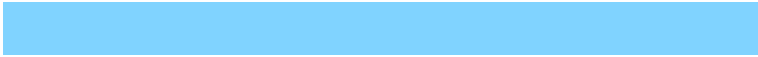
BF4200



401600

Inverse Universe

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



80D3FF



66CAFF



8095FF



737B80



007DBF



002A40

Previews

White Background



This preview shows how the Hex color FFAC80 looks on a white background.

Color Contrast Check

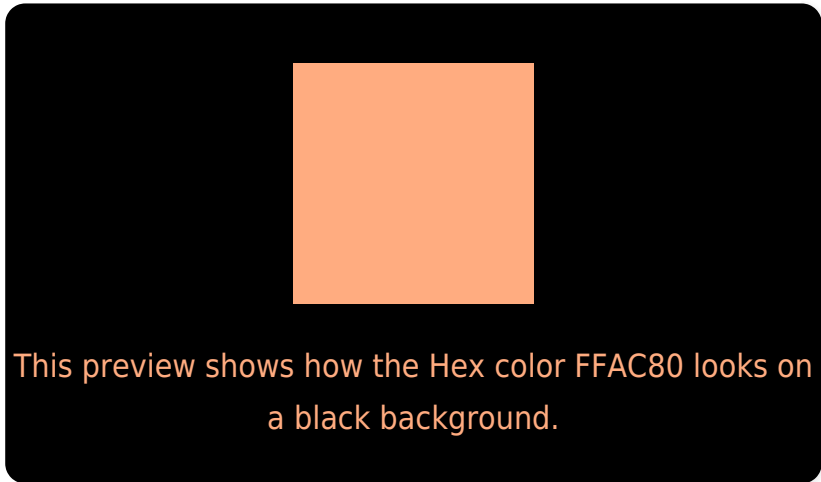
Large Text (above 18pt) WCAG AA × Fail

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 FFAC80 Background



This preview shows how black text looks on a background with the Hex color FFAC80.

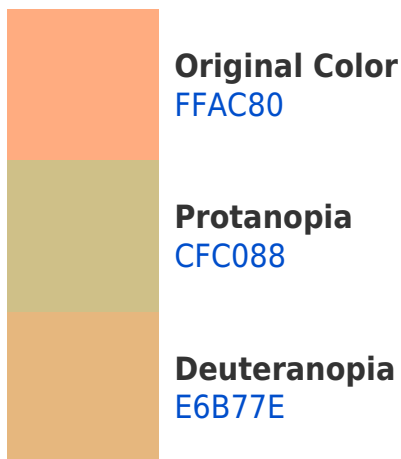


This preview shows how white text looks on a background with the Hex color FFAC80.

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
FFA7B3

Trichromacy



Original Color
FFAC80

Protanomaly
E0B985

Deuteranomaly
EFB37F

Tritanomaly
FFA9A0

Monochromacy



Original Color
FFAC80

Achromatopsia
C0C0C0

Achromatomaly
D7B9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FFAC80 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 #FFAC80 looks like.

```
.text, #text, p{  
    color:#FFAC80  
}
```

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 #FFAC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAC80
}
```

Border

The CSS property to change the border of an element to Hex FFAC80 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
#FFAC80 }
```

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

```
.border{ border-color:#FFAC80 }
```

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

Here you see how a box with a 4 pixel #FFAC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAC80; -webkit-box-shadow:4px 4px  
4px 4px #FFAC80; box-shadow:4px 4px 4px  
4px #FFAC80 }
```

Background

The CSS property to change the background color of an element to Hex FFAC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAC80 }
```

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

```
.background{ background-color:#FFAC80 }
```

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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