

# Converting Colors

Hex(FFAA7E)

Have a look what the booklet for  
Hex(FFAA7E) contains.

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# **Color**

**Hex(FFAA7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAA7E
RGB	255, 170, 126
RGB Percent	100%, 67%, 49%
CMY	0.0000, 0.3333, 0.5059
CMYK	0.00, 0.33, 0.51, 0.00
HSL	20°, 100%, 75%
HSV	20°, 51%, 100%
XYZ	59.3806, 51.5158, 26.5525
YIQ	190.3990, 64.7840, 4.3360

# Conversions

## Conversions Part 2

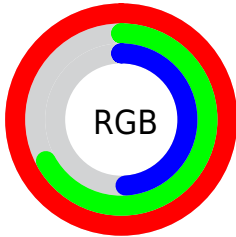
Format	Color
<a href="#">RYB</a>	<a href="#">255, 193, 126</a>
Decimal	<a href="#">16755326</a>
CIELab	<a href="#">76.99, 26.62, 35.38</a>
CIELCh	<a href="#">77, 44.270, 53.043</a>
Yxy	<a href="#">51.5158, 0.4320, 0.3748</a>
Android (android.graphics.Color)	<a href="#">4294945406</a> (0xFFFFAA7E)
YUV	<a href="#">190.3990, -31.7487, 56.6551</a>
Hunter-Lab	<a href="#">71.7745, 22.0715, 28.3082</a>

# Details

The Hex color **FFAA7E** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7ED3FF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE2B3**, and **C3754C** is the 20% darker color. If you saturate the color by 10%, you get **FF9965**, and if you desaturate by 10%, it is **FFBB98**.

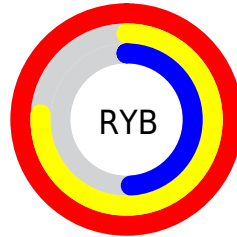
# Distribution



Red (100%)

Green (67%)

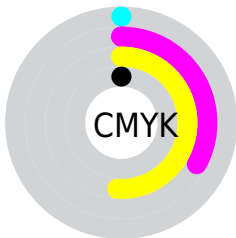
Blue (49%)



Red (100%)

Yellow (76%)

Blue (49%)

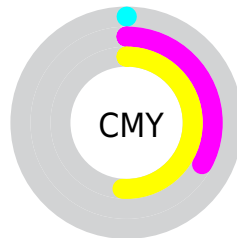


Cyan (0%)

Magenta (33%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFAA7E 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 FFAA7E by changing the saturation by 10% instead.



 FFAA7E

 FFAA7E

FFFFFF

 E18F65

 FFE2B3

 C3754C

 FFFECF

 A65C35

 FFFFEB

 89441E

 6D2C06

 511500

 360000

 1B0001

 000000

 FFAA7E

 FFAA7E

 FF9965

 FFBB98

 FF884B

 FFCCB1

 FF7831

 FFDCCB

 FF6718

 FFEDE4

 FF5700

FFFEFE

FFFFFF

# Harmonies

## Analogous

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



FF9FA0



FFAA7E



E1B86C

# Triad

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



FFAA7E



4ED3B3



B4B7FF

# Complementary

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



FFAA7E



7ED3FF

# 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.



6DC5FF



FFAA7E



00D3DD

# Square

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



FFAA7E



89CE8B



00CFFE



E8A8F0

# Rectangle

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



FFAA7E



C7C16D



00CFFE



9FBCFF

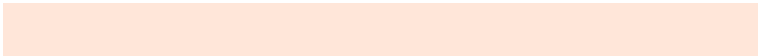


# Sweetspot

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



FFAA7E



FFE6D9



FF7ED4



807069



000000



808080



# Same Dimension

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



FFAA7E



FF9963



FFEA7E



807773



BF4100

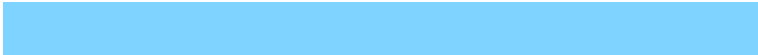


401600



# Inverse Universe

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



7ED3FF



63CAFF



7E94FF



737B80



007EBF



002A40



# Previews

## White Background



This preview shows how the Hex color FFAA7E looks on a white background.

## Color Contrast Check

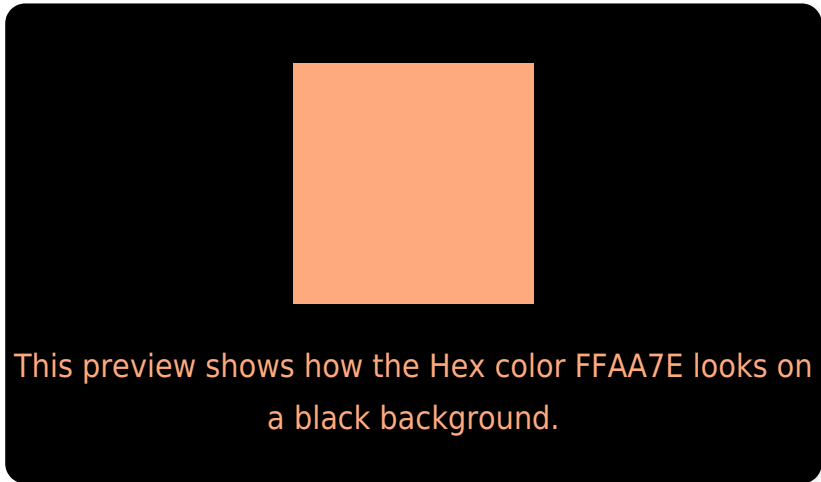
Large Text (above 18pt) WCAG AA × Fail

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

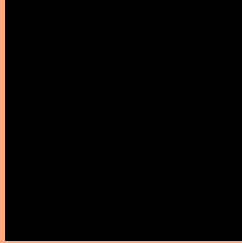
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFAA7E Background



This preview shows how black text looks on a background with the Hex color FFAA7E.

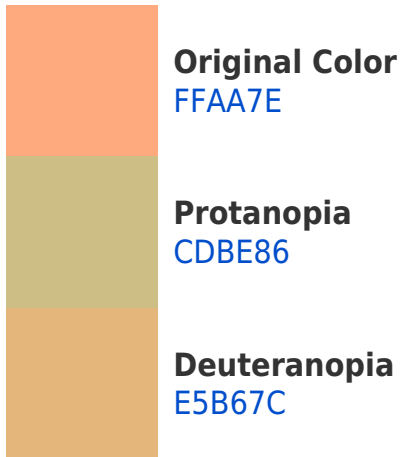


This preview shows how white text looks on a background with the Hex color FFAA7E.

# 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](#).

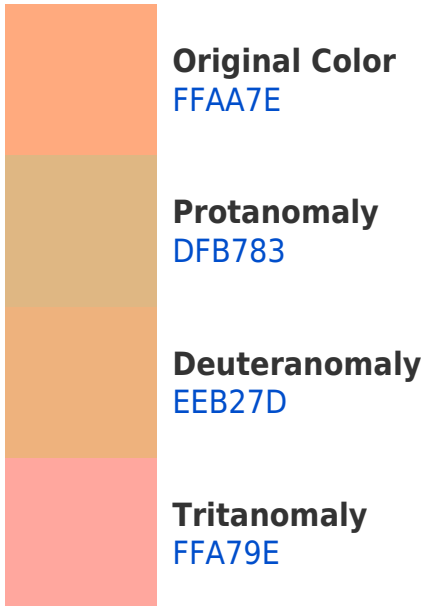
## Dichromacy



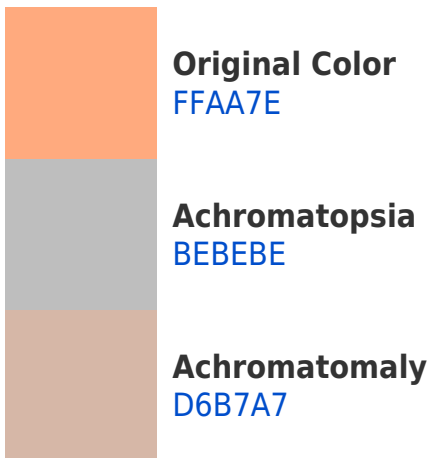


**Tritanopia**  
FFA5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFAA7E 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 #FFAA7E looks like.

```
.text, #text, p{  
    color:#FFAA7E  
}
```

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 #FFAA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAA7E
}
```

## Border

The CSS property to change the border of an element to Hex FFAA7E 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
#FFAA7E }
```

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

```
.border{ border-color:#FFAA7E }
```

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

Here you see how a box with a 4 pixel #FFAA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAA7E; -webkit-box-shadow:4px 4px  
4px 4px #FFAA7E; box-shadow:4px 4px 4px  
4px #FFAA7E }
```

# Background

The CSS property to change the background color of an element to Hex FFAA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAA7E }
```

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

```
.background{ background-color:#FFAA7E }
```

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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