

# Converting Colors

Hex(FF9C7E)

Have a look what the booklet for  
Hex(FF9C7E) contains.

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# **Color**

**Hex(F99C7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9C7E
RGB	255, 156, 126
RGB Percent	100%, 61%, 49%
CMY	0.0000, 0.3882, 0.5059
CMYK	0.00, 0.39, 0.51, 0.00
HSL	14°, 100%, 75%
HSV	14°, 51%, 100%
XYZ	56.8944, 46.5433, 25.7238
YIQ	182.1810, 68.6340, 11.6580

# Conversions

## Conversions Part 2

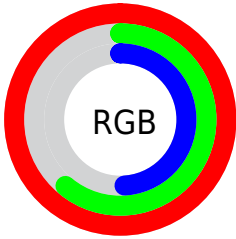
Format	Color
R <sub>Y</sub> B	255, 165, 126
Decimal	16751742
CIE Lab	73.90, 33.90, 31.36
CIE LCh	74, 46.178, 42.767
Yxy	46.5433, 0.4405, 0.3603
Android (android.graphics.Color)	4294941822 (0xFFFF9C7E)
YUV	182.1810, -27.6972, 63.8623
Hunter-Lab	68.2226, 29.4707, 25.4002

# Details

The Hex color **FF9C7E** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7EE1FF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD3B3**, and **C3674D** is the 20% darker color. If you saturate the color by 10%, you get **FF8865**, and if you desaturate by 10%, it is **FFB098**.

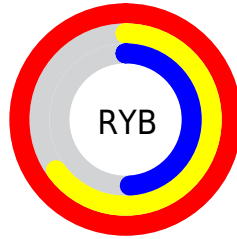
# Distribution



Red (100%)

Green (61%)

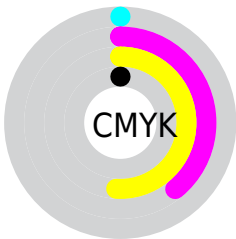
Blue (49%)



Red (100%)

Yellow (65%)

Blue (49%)

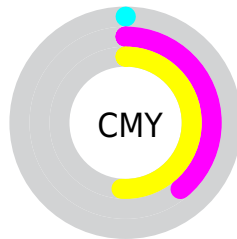


Cyan (0%)

Magenta (39%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9C7E 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 FF9C7E by changing the saturation by 10% instead.



 FF9C7E

 FF9C7E

FFFFFF

 E18165

 FFD3B3

 C3674D

 FFF0CF

 A54E35

 FFFFEB

 88361F

 6C1D09

 500100

 350000

 120000

 000000

■ FF9C7E

■ FF9C7E

■ FF8865

■ FFB098

■ FF754B

■ FFC3B1

■ FF6131

■ FFD7CB

■ FF4E18

■ FFEAE4

■ FF3B00

FFFEFE

FFFFFF

# Harmonies

## Analogous

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



FF94A5



FF9C7E



E5AB64

# Triad

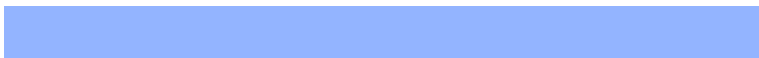
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF9C7E



55CA9B



93B4FF

# Complementary

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



FF9C7E



7EE1FF

# 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.



35C1FF



FF9C7E



00CCC7

# Square

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



FF9C7E



90C476



00C9EE



D1A4F4

# Rectangle

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



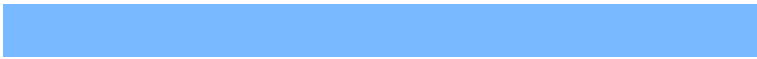
FF9C7E



CCB45F



00C9EE



79B9FF

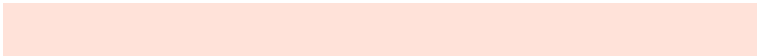


# Sweetspot

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



FF9C7E



FFE2D9



FF7EE3



806E69



000000



808080



# Same Dimension

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



FF9C7E



FF8863



FFDA7E



807673



BF2C00



400F00

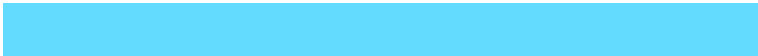


# Inverse Universe

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



7EE1FF



63DBFF



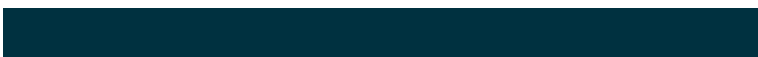
7EA3FF



737D80



0093BF



003140



# Previews

## White Background



This preview shows how the Hex color FF9C7E looks on a white background.

## Color Contrast Check

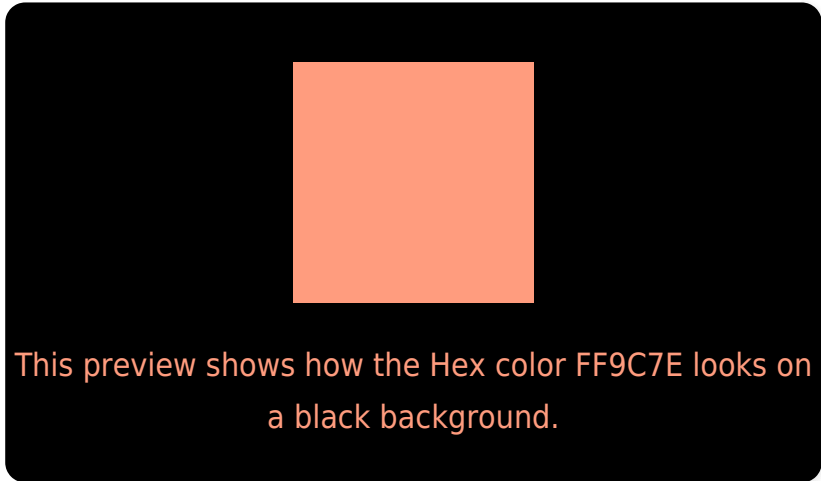
Large Text (above 18pt) WCAG AA × Fail

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 FF9C7E Background



This preview shows how black text looks on a background with the Hex color FF9C7E.

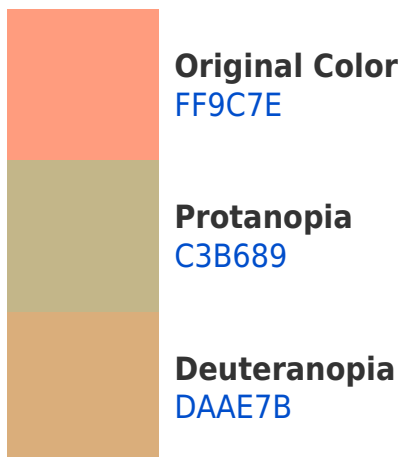


This preview shows how white text looks on a background with the Hex color FF9C7E.

# 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**  
FF99A3

# Trichromacy



**Original Color**  
FF9C7E

**Protanomaly**  
D9AD85

**Deuteranomaly**  
E7A77C

**Tritanomaly**  
FF9A96

# Monochromacy



**Original Color**  
FF9C7E

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
D1ADA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9C7E 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 #FF9C7E looks like.

```
.text, #text, p{  
    color:#FF9C7E  
}
```

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 #FF9C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9C7E
}
```

## Border

The CSS property to change the border of an element to Hex FF9C7E 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
#FF9C7E }
```

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

```
.border{ border-color:#FF9C7E }
```

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

Here you see how a box with a 4 pixel #FF9C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9C7E; -webkit-box-shadow:4px 4px  
4px 4px #FF9C7E; box-shadow:4px 4px 4px  
4px #FF9C7E }
```

# Background

The CSS property to change the background color of an element to Hex FF9C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9C7E }
```

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

```
.background{ background-color:#FF9C7E }
```

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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