

# Converting Colors

Hex(FF9687)

Have a look what the booklet for  
Hex(FF9687) contains.

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# **Color**

**Hex(F9687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9687
RGB	255, 150, 135
RGB Percent	100%, 59%, 53%
CMY	0.0000, 0.4118, 0.4706
CMYK	0.00, 0.41, 0.47, 0.00
HSL	8°, 100%, 76%
HSV	8°, 47%, 100%
XYZ	56.5195, 44.8220, 28.5943
YIQ	179.6850, 67.3950, 17.5950

# Conversions

## Conversions Part 2

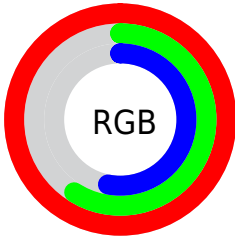
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 152, 135
Decimal	16750215
CIE Lab	72.77, 37.81, 24.98
CIE LCh	73, 45.318, 33.455
Yxy	44.8220, 0.4350, 0.3450
Android (android.graphics.Color)	4294940295 (0xFFFF9687)
YUV	179.6850, -22.0297, 66.0513
Hunter-Lab	66.9492, 33.5313, 21.5415

# Details

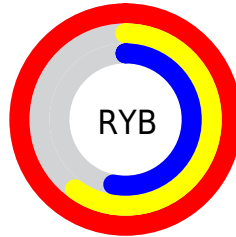
The Hex color **FF9687** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87F0FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFCDBC**, and **C36155** is the 20% darker color. If you saturate the color by 10%, you get **FF806E**, and if you desaturate by 10%, it is **FFACA1**.

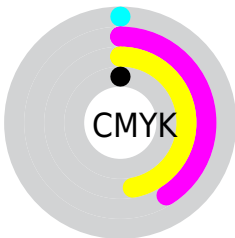
# Distribution



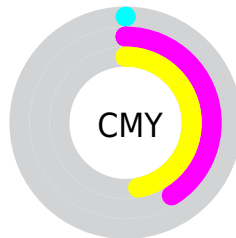
- Red (100%)
- Green (59%)
- Blue (53%)



- Red (100%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9687 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 FF9687 by changing the saturation by 10% instead.



 FF9687

 FF9687

FFFFFF

 E17B6E

 FFCDBC

 C36155

 FFEAD8

 A5483E

 FFFFF5

 882F28

 6C1413

 500000

 360000

 100000

 000000

 FF9687

 FF9687

 FF806E

 FFACA1

 FF6954

 FFC3BA

 FF533A

 FFD9D4

 FF3D21

 FFEFED

 FF2608

FFFFFF

 FF2000

# Harmonies

## Analogous

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



FF91AF



FF9687



EAA369

# Triad

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



FF9687



68C58C



79B5FF

# Complementary

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



FF9687



87F0FF

# 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.



00C1FC



FF9687



03C8B6

# Square

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



FF9687



9CBE6B



00C7DF



BDA6F8

# Rectangle

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



FF9687



D5AD5F



00C7DF



5DBAFF



# Sweetspot

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



FF9687



FFE0DB



FF87F1



806D6A



000000



808080



# Same Dimension

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



FF9687



FF8270



FFD187



807473



BF1800

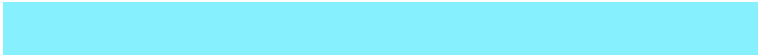


400800



# Inverse Universe

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



87F0FF



70EDFF



87B5FF



737E80



00A7BF



003840



# Previews

## White Background



This preview shows how the Hex color FF9687 looks on a white background.

## Color Contrast Check

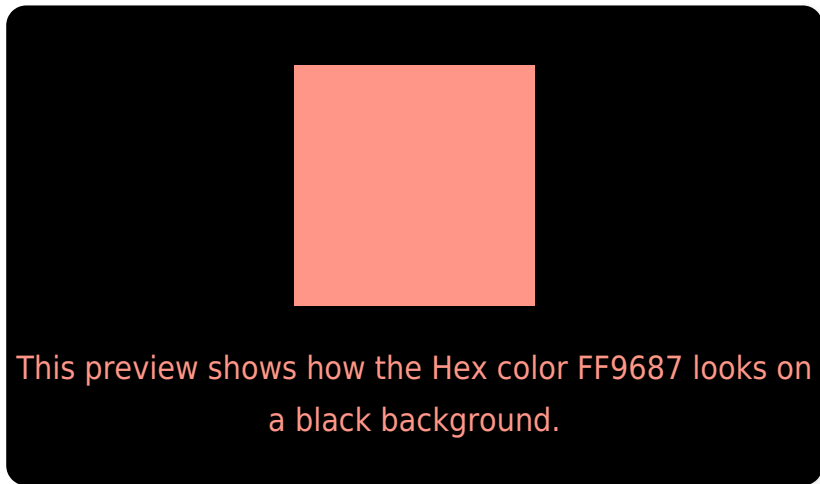
Large Text (above 18pt) WCAG AA × Fail

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 FF9687 Background



This preview shows how black text looks on a background with the Hex color FF9687.

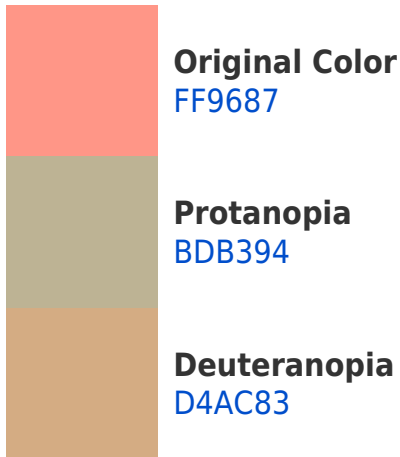


This preview shows how white text looks on a background with the Hex color FF9687.

# 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



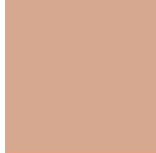


**Tritanopia**  
FF949E

# Trichromacy



**Original Color**  
FF9687



**Protanomaly**  
D5A88F



**Deuteranomaly**  
E4A484

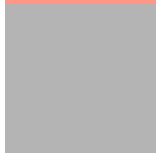


**Tritanomaly**  
FF9596

# Monochromacy



**Original Color**  
FF9687



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CFA9A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9687 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 #FF9687 looks like.

```
.text, #text, p{  
    color:#FF9687  
}
```

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 #FF9687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9687
}
```

## Border

The CSS property to change the border of an element to Hex FF9687 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
#FF9687 }
```

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

```
.border{ border-color:#FF9687 }
```

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

Here you see how a box with a 4 pixel #FF9687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9687; -webkit-box-shadow:4px 4px  
4px 4px #FF9687; box-shadow:4px 4px 4px  
4px #FF9687 }
```

# Background

The CSS property to change the background color of an element to Hex FF9687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9687 }
```

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

```
.background{ background-color:#FF9687 }
```

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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