

# Converting Colors

Hex(F9827E)

Have a look what the booklet for  
Hex(F9827E) contains.

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# **Color**

**Hex(F9827E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9827E
RGB	249, 130, 126
RGB Percent	98%, 51%, 49%
CMY	0.0235, 0.4902, 0.5059
CMYK	0.00, 0.48, 0.49, 0.02
HSL	2°, 91%, 74%
HSV	2°, 49%, 98%
XYZ	50.8154, 37.6114, 24.3201
YIQ	165.1250, 72.2080, 23.9840

# Conversions

## Conversions Part 2

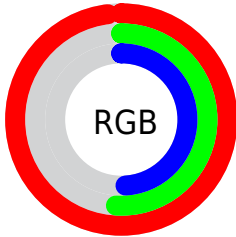
Format	Color
R <sub>Y</sub> B	249, 130, 126
Decimal	16351870
CIE Lab	67.73, 44.89, 23.02
CIE LCh	68, 50.449, 27.149
Yxy	37.6114, 0.4507, 0.3336
Android (android.graphics.Color)	4294541950 (0xFFFF9827E)
YUV	165.1250, -19.2886, 73.5584
Hunter-Lab	61.3281, 40.5780, 19.4178

# Details

The Hex color **F9827E** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7EF5F9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB9B3**, and **BC4D4D** is the 20% darker color. If you saturate the color by 10%, you get **F96A65**, and if you desaturate by 10%, it is **F99A97**.

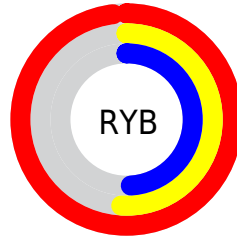
# Distribution



Red (98%)

Green (51%)

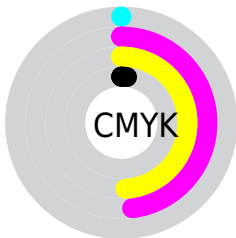
Blue (49%)



Red (98%)

Yellow (51%)

Blue (49%)

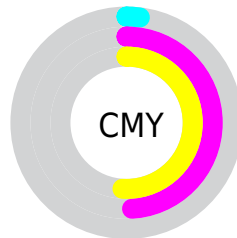


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9827E 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 F9827E by changing the saturation by 10% instead.



 F9827E

 F9827E

FFFFFF

 DA6765

 FFB9B3

 BC4D4D

 FFD5CE

 9F3336


 FFF2EA

 811521

 65000B

 480000

 2E0002

 000000

 F9827E

 F9827E

 F96A65

 F99A97

 F9524C

 F9B2B0

 F93A33

 F9CAC9

 F9221A

 F9E2E2

 F90A02

 F9FAFB

 F90800

 F9FFFF

# Harmonies

## Analogous

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



F67FAB



F9827E



E69059

# Triad

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



F9827E



5DB872



42ABFF

# Complementary

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



F9827E



7EF5F9

# 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.



00B6F1



F9827E



00BC9F

# Square

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



F9827E



96AF50



00BBCD



A19BF6

# Rectangle

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



F9827E



D09C4A



00BBCD



00AFFD



# Sweetspot

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



F9827E



FFDAD9



F97EF7



806969



000000



808080



# Same Dimension

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



F9827E



FF6D69



F9BE7E



7D7170



BD0600



3D0200



# Inverse Universe

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



7EF5F9



69FAFF



7EB9F9



707D7D



00B7BD



003B3D



# Previews

## White Background



This preview shows how the Hex color F9827E looks on a white background.

## Color Contrast Check

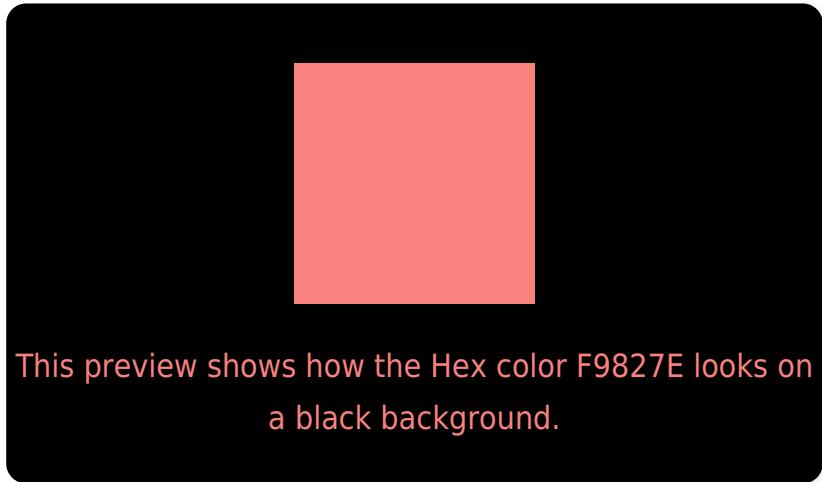
Large Text (above 18pt) WCAG AA × Fail

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 F9827E Background



This preview shows how black text looks on a background with the Hex color F9827E.



This preview shows how white text looks on a background with the Hex color F9827E.

# 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





# Trichromacy



**Original Color**  
F9827E



**Protanomaly**  
C99888



**Deuteranomaly**  
D7947B



**Tritanomaly**  
FA8185

# Monochromacy



**Original Color**  
F9827E



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C49897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9827E 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 #F9827E looks like.

```
.text, #text, p{  
    color:#F9827E  
}
```

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 #F9827E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9827E
}
```

## Border

The CSS property to change the border of an element to Hex F9827E 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
#F9827E }
```

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

```
.border{ border-color:#F9827E }
```

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

Here you see how a box with a 4 pixel #F9827E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9827E; -webkit-box-shadow:4px 4px  
4px 4px #F9827E; box-shadow:4px 4px 4px  
4px #F9827E }
```

# Background

The CSS property to change the background color of an element to Hex F9827E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9827E }
```

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

```
.background{ background-color:#F9827E }
```

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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