

# Converting Colors

Hex(FC837C)

Have a look what the booklet for  
Hex(FC837C) contains.

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# **Color**

**Hex(FC837C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC837C
RGB	252, 131, 124
RGB Percent	99%, 51%, 49%
CMY	0.0118, 0.4863, 0.5137
CMYK	0.00, 0.48, 0.51, 0.01
HSL	3°, 96%, 74%
HSV	3°, 51%, 99%
XYZ	51.8993, 38.3833, 23.7421
YIQ	166.3810, 74.3630, 23.4750

# Conversions

## Conversions Part 2

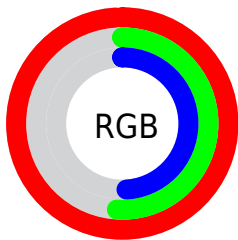
Format	Color
R <sub>Y</sub> B	252, 131, 124
Decimal	16548732
CIE Lab	68.30, 45.30, 24.97
CIE LCh	68, 51.729, 28.862
Yxy	38.3833, 0.4552, 0.3366
Android (android.graphics.Color)	4294738812 (0xFFFC837C)
YUV	166.3810, -20.8938, 75.0879
Hunter-Lab	61.9542, 41.1101, 20.6469

# Details

The Hex color **FC837C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7CF5FC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBAB1**, and **BF4E4B** is the 20% darker color. If you saturate the color by 10%, you get **FC6B63**, and if you desaturate by 10%, it is **FC9B95**.

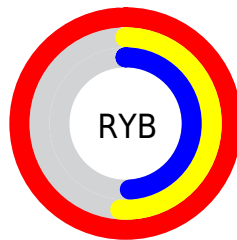
# Distribution



Red (99%)

Green (51%)

Blue (49%)



Red (99%)

Yellow (51%)

Blue (49%)

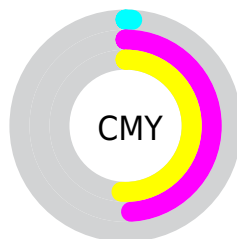


Cyan (0%)

Magenta (48%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (49%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC837C 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 FC837C by changing the saturation by 10% instead.



 FC837C

 FC837C

FFFFFF

 DD6863

 FFBA11

 BF4E4B

 FFD7CC

 A13334

 FFF4E8

 84161F

 670009

 4A0000

 310002

 000000

 FC837C

 FC837C

 FC6B63

 FC9B95

 FC534A

 FCB3AE

 FC3C30

 FCCAC8

 FC2417

 FCE2E1

 FC0E00

 FCFAFA

 FCFFFF

# Harmonies

## Analogous

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



FA7FAA



FC837C



E79257

# Triad

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



FC837C



58BA74



47ACFF

# Complementary

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



FC837C



7CF5FC

# 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.



00B8F6



FC837C



00BEA3

# Square

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



FC837C



94B151



00BDD2



A69BF9

# Rectangle

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



FC837C



D19E48



00BDD2



00B1FF



# Sweetspot

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



FC837C



FFDBD9



FC7CF6



806A69



000000



808080



# Same Dimension

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



FC837C



FF6C63



FCC27C



7D7170



BD0A00



3D0300



# Inverse Universe

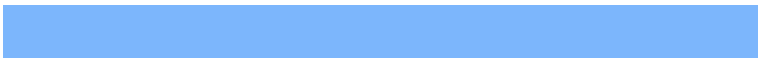
The Inverse Universe completely reimagines the original color for something new.



7CF5FC



63F6FF



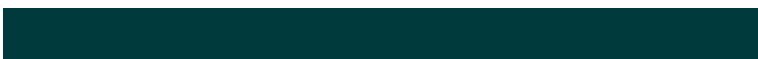
7CB6FC



707C7D



00B2BD



003A3D



# Previews

## White Background



This preview shows how the Hex color FC837C looks on a white background.

## Color Contrast Check

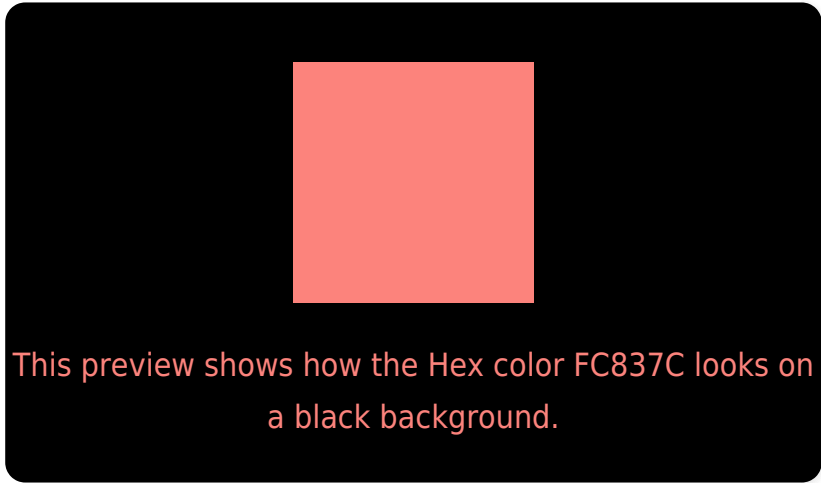
Large Text (above 18pt) WCAG AA × Fail

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 FC837C Background



This preview shows how black text looks on a background with the Hex color FC837C.

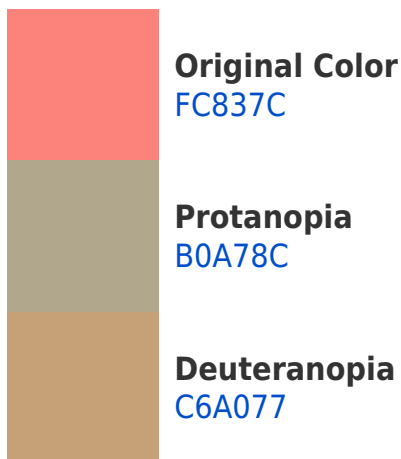



This preview shows how white text looks on a background with the Hex color FC837C.

# 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**  
FD818A

# Trichromacy



**Original Color**  
FC837C



**Protanomaly**  
CC9A86



**Deuteranomaly**  
DA9579



**Tritanomaly**  
FD8285

# Monochromacy



**Original Color**  
FC837C



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
C59997

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC837C 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 #FC837C looks like.

```
.text, #text, p{  
    color:#FC837C  
}
```

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 #FC837C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC837C  
}
```

## Border

The CSS property to change the border of an element to Hex FC837C is called "border". The border property can be set on classes, ids or directly on the HTML element.

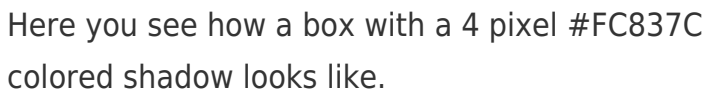
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#FC837C }
```

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

```
.border{ border-color:#FC837C }
```

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



Here you see how a box with a 4 pixel `#FC837C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC837C; -webkit-box-shadow:4px 4px  
4px 4px #FC837C; box-shadow:4px 4px 4px  
4px #FC837C }
```

# Background

The CSS property to change the background color of an element to Hex FC837C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC837C }
```

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

```
.background{ background-color:#FC837C }
```

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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