

# Converting Colors

Hex(F983A7)

Have a look what the booklet for  
Hex(F983A7) contains.

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**Color**

**Hex(F983A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F983A7
RGB	249, 131, 167
RGB Percent	98%, 51%, 65%
CMY	0.0235, 0.4863, 0.3451
CMYK	0.00, 0.47, 0.33, 0.02
HSL	342°, 91%, 75%
HSV	342°, 47%, 98%
XYZ	54.1583, 39.1624, 41.2639
YIQ	170.3860, 58.7720, 36.2120

# Conversions

## Conversions Part 2

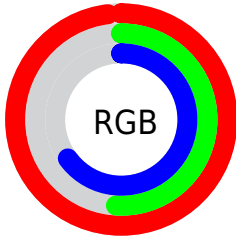
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 131, 167
Decimal	16352167
CIE Lab	68.87, 48.71, 1.59
CIE LCh	69, 48.733, 1.873
Yxy	39.1624, 0.4024, 0.2910
Android (android.graphics.Color)	4294542247 (0xFFFF983A7)
YUV	170.3860, -1.6693, 68.9445
Hunter-Lab	62.5798, 44.9640, 4.7113

# Details

The Hex color **F983A7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83F9D5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBADE**, and **BE4D73** is the 20% darker color. If you saturate the color by 10%, you get **F96A96**, and if you desaturate by 10%, it is **F99CB8**.

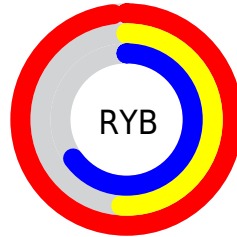
# Distribution



Red (98%)

Green (51%)

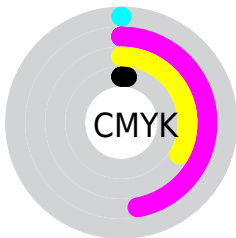
Blue (65%)



Red (98%)

Yellow (51%)

Blue (65%)

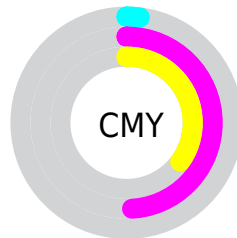


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F983A7 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 F983A7 by changing the saturation by 10% instead.



 F983A7

 F983A7

FFFFFF

 DB688D

 FFBADE

 BE4D73

 FFD7FB

 A1325B

 FFF4FF

 841343

 68002D

 4D0019

 350002

 020000

 000000

 F983A7

 F983A7

 F96A96

 F99CB8

 F95184

 F9B5CA

 F93873

 F9CEDB

 F91F62

 F9E7EC

 F90650

 F9FFFE

 F9004C

 F9FFFF

# Harmonies

## Analogous

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



E18BD2



F983A7



F8887C

# Triad

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



F983A7



92B35A



00B7F5

# Complementary

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



F983A7



83F9D5

# 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.



00BDD5



F983A7



59BB7D

# Square

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



F983A7



C0A74D



00BFA9



60ACFF

# Rectangle

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



F983A7



EC9164



00BFA9



00BAEC



# Sweetspot

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



F983A7



FFDBE6



D483F9



806A70



000000



808080



# Same Dimension

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



F983A7



FF6E9A



F99983



7D7074



BD003A



3D0013



# Inverse Universe

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



F983A7



FF6E9A



83E3F9



7D7074



BD003A



3D0013



# Previews

## White Background



This preview shows how the Hex color F983A7 looks on a white background.

## Color Contrast Check

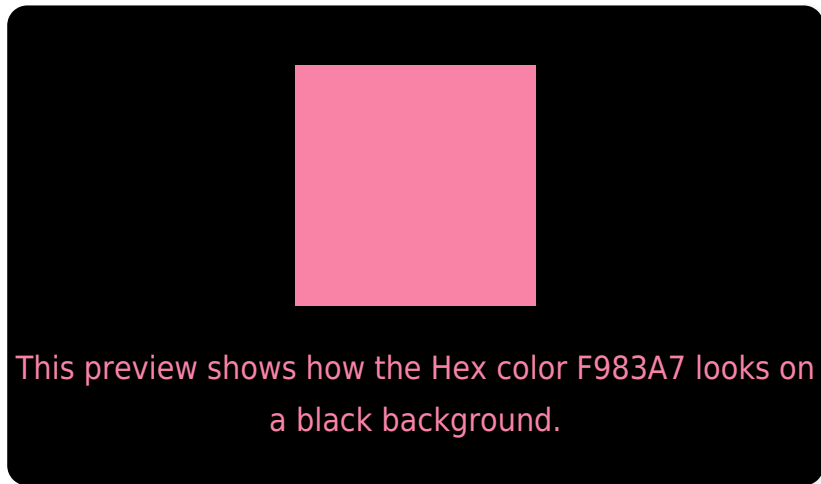
Large Text (above 18pt) WCAG AA × Fail

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 F983A7 Background



This preview shows how black text looks on a background with the Hex color F983A7.

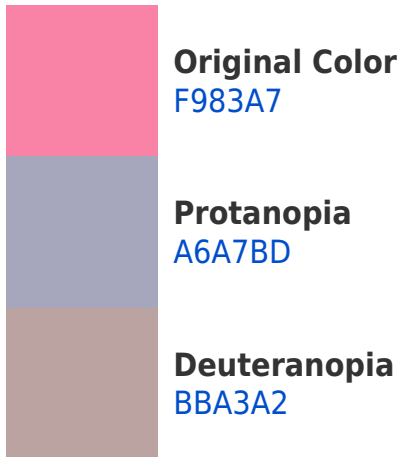


This preview shows how white text looks on a background with the Hex color F983A7.

# 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**  
F78791

# Trichromacy



**Original Color**  
F983A7



**Protanomaly**  
C49AB5



**Deuteranomaly**  
D297A4



**Tritanomaly**  
F88699

# Monochromacy



**Original Color**  
F983A7



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C79CA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F983A7 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 #F983A7 looks like.

```
.text, #text, p{  
    color:#F983A7  
}
```

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 #F983A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F983A7
}
```

## Border

The CSS property to change the border of an element to Hex F983A7 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
#F983A7 }
```

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

```
.border{ border-color:#F983A7 }
```

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

Here you see how a box with a 4 pixel #F983A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F983A7; -webkit-box-shadow:4px 4px  
4px 4px #F983A7; box-shadow:4px 4px 4px  
4px #F983A7 }
```

# Background

The CSS property to change the background color of an element to Hex F983A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F983A7 }
```

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

```
.background{ background-color:#F983A7 }
```

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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