

Converting Colors

Hex(F983A8)

Have a look what the booklet for
Hex(F983A8) contains.

Hex(F983A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F983A8)

Conversions

Conversions Part 1

Format	Color
Hex	F983A8
RGB	249, 131, 168
RGB Percent	98%, 51%, 66%
CMY	0.0235, 0.4863, 0.3412
CMYK	0.00, 0.47, 0.33, 0.02
HSL	341°, 91%, 75%
HSV	341°, 47%, 98%
XYZ	54.2511, 39.1995, 41.7527
YIQ	170.5000, 58.4510, 36.5230

Conversions

Conversions Part 2

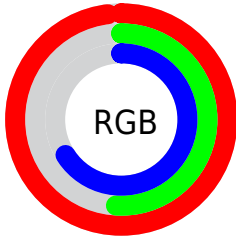
Format	Color
R_{YB}	249, 131, 168
Decimal	16352168
CIE _{Lab}	68.90, 48.83, 1.07
CIE _{LCh}	69, 48.839, 1.255
Yxy	39.1995, 0.4013, 0.2899
Android (android.graphics.Color)	4294542248 (0xFFFF983A8)
YUV	170.5000, -1.2325, 68.8445
Hunter-Lab	62.6095, 45.1036, 4.2876

Details

The Hex color **F983A8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83F9D4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBADF**, and **BE4D74** is the 20% darker color. If you saturate the color by 10%, you get **F96A97**, and if you desaturate by 10%, it is **F99CB9**.

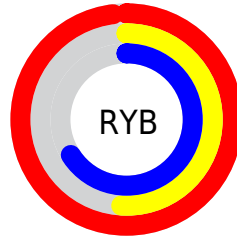
Distribution



Red (98%)

Green (51%)

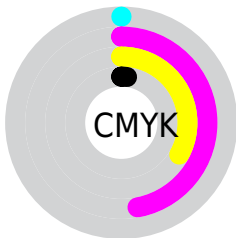
Blue (66%)



Red (98%)

Yellow (51%)

Blue (66%)

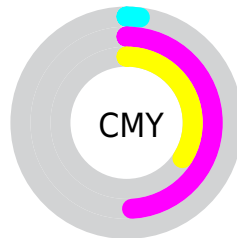


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color F983A8 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 F983A8 by changing the saturation by 10% instead.

 F983A8

 F983A8

FFFFFF

 DB688E

 FFBADF

 BE4D74

 FFD7FC

 A1325C

 FFF4FF

 841344

 68002E

 4D001A

 350002

 030000

 000000

 F983A8

 F983A8

 F96A97

 F99CB9

 F95186

 F9B5CA

 F93875

 F9CEDB

 F91F64

 F9E7EC

 F90653

 F9FFFD

 F9004E

 F9FFFF

Harmonies

Analogous

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



E08BD3



F983A8



F9887D

Triad

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



F983A8



93B35A



00B8F5

Complementary

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



F983A8



83F9D4

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.



00BED5



F983A8



5ABB7C

Square

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



F983A8



C1A64D



00BFA9



5EACFF

Rectangle

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



F983A8



ED9165



00BFA9



00BAEC

Sweetspot

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



F983A8



FFDBE6



D483F9



806A71



000000



808080

Same Dimension

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



F983A8



FF6E9B



F99983



7D7074



BD003B



3D0013

Inverse Universe

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



F983A8



FF6E9B



83E3F9



7D7074



BD003B



3D0013

Previews

White Background



This preview shows how the Hex color F983A8 looks on a white background.

Color Contrast Check

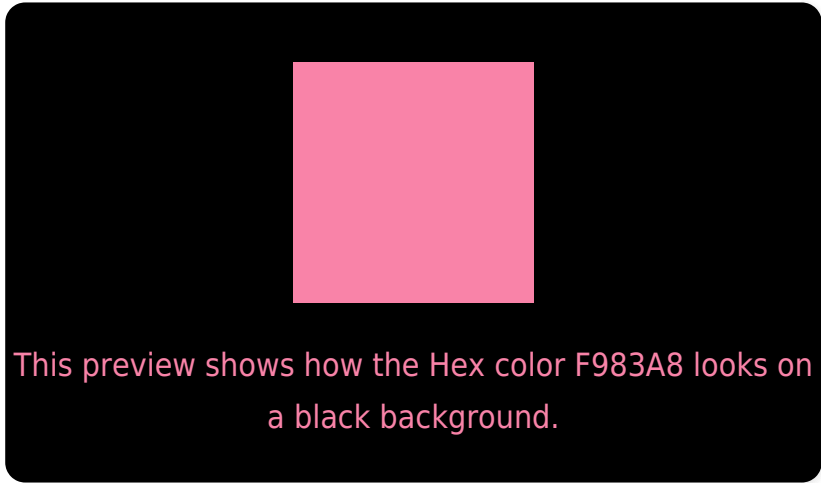
Large Text (above 18pt) WCAG AA × Fail

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 F983A8 Background



This preview shows how black text looks on a background with the Hex color F983A8.

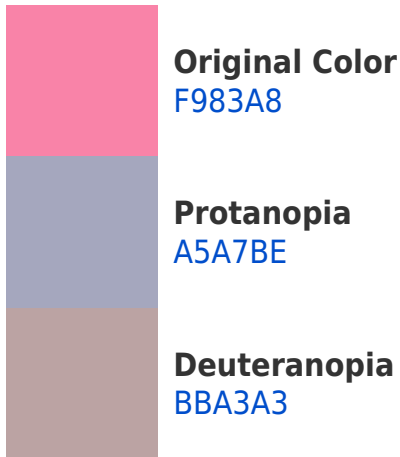


This preview shows how white text looks on a background with the Hex color F983A8.

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
F983A8



Protanomaly
C49AB6



Deuteranomaly
D297A5

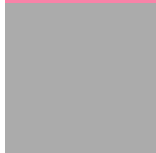


Tritanomaly
F88699

Monochromacy



Original Color
F983A8



Achromatopsia
ABABAB



Achromatomaly
C79CAA

CSS Examples

Text

The CSS property to change the color of the text to Hex F983A8 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 #F983A8 looks like.

```
.text, #text, p{  
    color:#F983A8  
}
```

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 #F983A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F983A8
}
```

Border

The CSS property to change the border of an element to Hex F983A8 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
#F983A8 }
```

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

```
.border{ border-color:#F983A8 }
```

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

Here you see how a box with a 4 pixel #F983A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F983A8; -webkit-box-shadow:4px 4px  
4px 4px #F983A8; box-shadow:4px 4px 4px  
4px #F983A8 }
```

Background

The CSS property to change the background color of an element to Hex F983A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F983A8 }
```

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

```
.background{ background-color:#F983A8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor