

Converting Colors

Hex(FF9CAF)

Have a look what the booklet for
Hex(FF9CAF) contains.

Hex(FF9CAF)	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(F99CAF)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CAF
RGB	255, 156, 175
RGB Percent	100%, 61%, 69%
CMY	0.0000, 0.3882, 0.3137
CMYK	0.00, 0.39, 0.31, 0.00
HSL	348°, 100%, 81%
HSV	348°, 39%, 100%
XYZ	60.8663, 48.1321, 46.6399
YIQ	187.7670, 52.9050, 26.8970

Conversions

Conversions Part 2

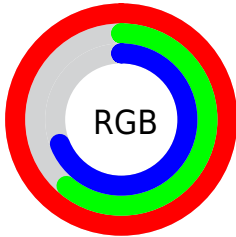
Format	Color
R _Y B	255, 156, 175
Decimal	16751791
CIE Lab	74.91, 39.13, 5.97
CIE LCh	75, 39.581, 8.682
Yxy	48.1321, 0.3911, 0.3093
Android (android.graphics.Color)	4294941871 (0xFFFF9CAF)
YUV	187.7670, -6.2941, 58.9633
Hunter-Lab	69.3773, 35.1920, 8.7056

Details

The Hex color **FF9CAF** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9CFFEC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD4E6**, and **C4677B** is the 20% darker color. If you saturate the color by 10%, you get **FF839A**, and if you desaturate by 10%, it is **FFB6C4**.

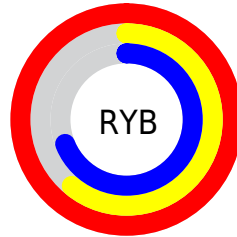
Distribution



Red (100%)

Green (61%)

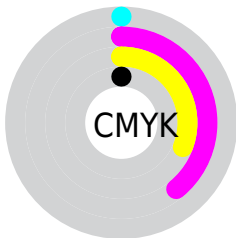
Blue (69%)



Red (100%)

Yellow (61%)

Blue (69%)

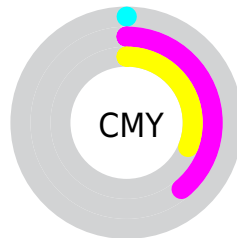


Cyan (0%)

Magenta (39%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9CAF 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 FF9CAF by changing the saturation by 10% instead.

 FF9CAF

FFFFFF

 FFD4E6

 FFF0FF

 FF9CAF

 E18194

 C4677B

 A74D62

 8B344A

 701A34

 55001F

 3B0005

 1F0001

 000000

 FF9CAF

 FF9CAF

 FF839A

 FFB6C4

 FF6986

 FFCFD8

 FF5071

 FFE9ED

 FF365D

FFFFFF

 FF1D48

 FF0333

 FF0031

Harmonies

Analogous

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



EFA0D4



FF9CAF



FBA28D

Triad

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



FF9CAF



9EC47E



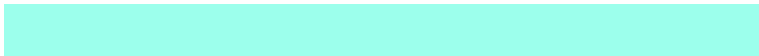
56C3FB

Complementary

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



FF9CAF



9CFFEC

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.



1ECAE5



FF9CAF



71CA9D

Square

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



FF9CAF



C6BA6F



3FCCC2



95B8FF

Rectangle

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



FF9CAF



EFA97B



3FCCC2



40C6F6

Sweetspot

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



FF9CAF



FFE0E6



EB9CFF



806E71



000000



808080

Same Dimension

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



FF9CAF



FF879E



FFBA9C



807375



BF0025



40000C

Inverse Universe

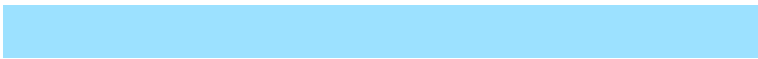
The Inverse Universe completely reimagines the original color for something new.



FF9CAF



FF879E



9CE1FF



807375



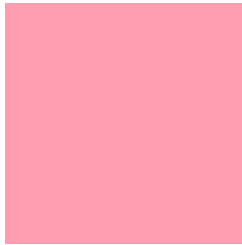
BF0025



40000C

Previews

White Background



This preview shows how the Hex color FF9CAF looks on a white background.

Color Contrast Check

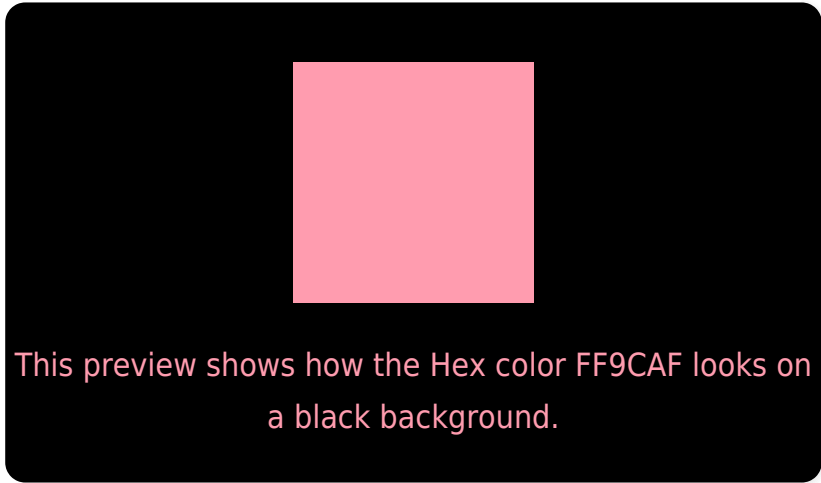
Large Text (above 18pt) WCAG AA × Fail

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 FF9CAF Background



This preview shows how black text looks on a background with the Hex color FF9CAF.

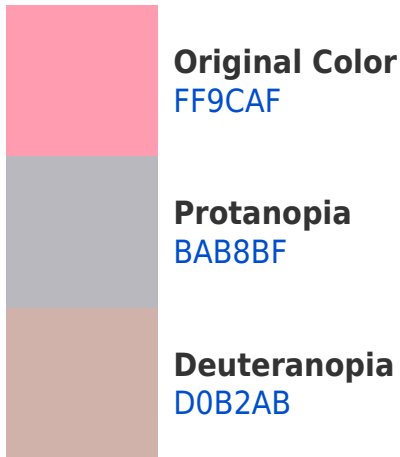


This preview shows how white text looks on a background with the Hex color FF9CAF.

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
FE9DA9

Trichromacy



Original Color
FF9CAF



Protanomaly
D3AEB9



Deuteranomaly
E1AAAC



Tritanomaly
FE9DAB

Monochromacy



Original Color
FF9CAF



Achromatopsia
BCBCBC



Achromatomaly
D4B0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9CAF 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 #FF9CAF looks like.

```
.text, #text, p{  
    color:#FF9CAF  
}
```

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 #FF9CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9CAF
}
```

Border

The CSS property to change the border of an element to Hex FF9CAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

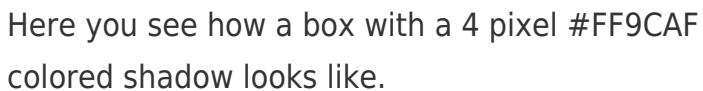
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9CAF }
```

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

```
.border{ border-color:#FF9CAF }
```

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



Here you see how a box with a 4 pixel #FF9CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9CAF; -webkit-box-shadow:4px 4px  
4px 4px #FF9CAF; box-shadow:4px 4px 4px  
4px #FF9CAF }
```

Background

The CSS property to change the background color of an element to Hex FF9CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9CAF }
```

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

```
.background{ background-color:#FF9CAF }
```

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