

Converting Colors

Hex(FF99CA)

Have a look what the booklet for
Hex(FF99CA) contains.

Hex(FF99CA)	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(F999CA)

Conversions

Conversions Part 1

Format	Color
Hex	FF99CA
RGB	255, 153, 202
RGB Percent	100%, 60%, 79%
CMY	0.0000, 0.4000, 0.2078
CMYK	0.00, 0.40, 0.21, 0.00
HSL	331°, 100%, 80%
HSV	331°, 40%, 100%
XYZ	63.2919, 48.3067, 61.8654
YIQ	189.0840, 45.0630, 36.8630

Conversions

Conversions Part 2

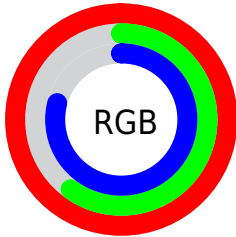
Format	Color
R _Y B	255, 153, 202
Decimal	16751050
CIE Lab	75.02, 44.30, -8.72
CIE LCh	75, 45.155, 348.862
Yxy	48.3067, 0.3649, 0.2785
Android (android.graphics.Color)	4294941130 (0xFFFF99CA)
YUV	189.0840, 6.3676, 57.8083
Hunter-Lab	69.5030, 40.9180, -4.1225

Details

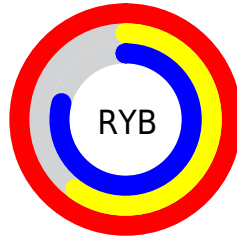
The Hex color **FF99CA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **99FFCE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFD1FF**, and **C46494** is the 20% darker color. If you saturate the color by 10%, you get **FF80BD**, and if you desaturate by 10%, it is **FFB3D7**.

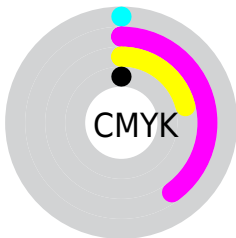
Distribution



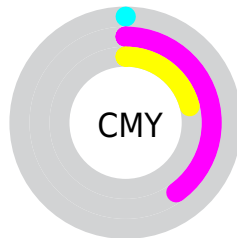
- Red (100%)
- Green (60%)
- Blue (79%)



- Red (100%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF99CA 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 FF99CA by changing the saturation by 10% instead.

 FF99CA

 FF99CA

FFFFFF

 E17EAF


 FFD1FF

 C46494

 FFE0FF

 A8497A

 8C2F61

 71124A

 560033

 3C001E

 240001

 000000

 FF99CA

 FF99CA

 FF80BD

 FFB3D7

 FF66B0

 FFCCE5

 FF4DA2

 FFE6F2

 FF3395

FFFFFF

 FF1988

 FF007B

Harmonies

Analogous

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



DDA4F0



FF99CA



FF98A0

Triad

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



FF99CA



B9BE68



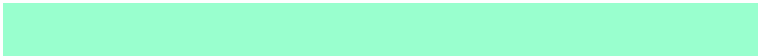
00CBF6

Complementary

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



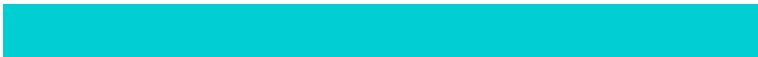
FF99CA



99FFCE

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.



00CED2



FF99CA



89C880

Square

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



FF99CA



E1B167



4DCEA7



57C1FF

Rectangle

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



FF99CA



FF9E87



4DCEA7



00CCEC

Sweetspot

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



FF99CA



FFE0EF



CE99FF



806E76



000000



808080

Same Dimension

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



FF99CA



FF85BF



FF9B99



807379



BF005C



40001F

Inverse Universe

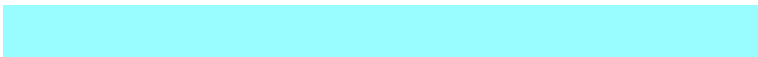
The Inverse Universe completely reimagines the original color for something new.



FF99CA



FF85BF



99FDFD



807379



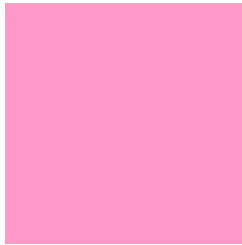
BF005C



40001F

Previews

White Background



This preview shows how the Hex color FF99CA looks on a white background.

Color Contrast Check

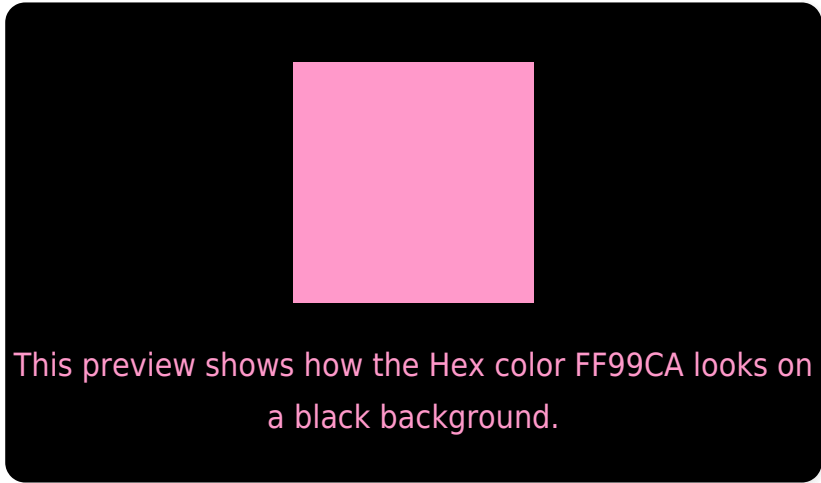
Large Text (above 18pt) WCAG AA × Fail

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 FF99CA Background



This preview shows how black text looks on a background with the Hex color FF99CA.



This preview shows how white text looks on a background with the Hex color FF99CA.

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



Original Color
FF99CA

Protanopia
B1B7DE

Deuteranopia
C5B4C5



Tritanopia
FC9FAB

Trichromacy



Original Color
FF99CA



Protanomaly
CDACD7



Deuteranomaly
DAAAC7



Tritanomaly
FD9DB6

Monochromacy



Original Color
FF99CA



Achromatopsia
BDBDBD



Achromatomaly
D5B0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex FF99CA 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 #FF99CA looks like.

```
.text, #text, p{  
    color:#FF99CA  
}
```

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 #FF99CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99CA
}
```

Border

The CSS property to change the border of an element to Hex FF99CA 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
#FF99CA }
```

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

```
.border{ border-color:#FF99CA }
```

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

Here you see how a box with a 4 pixel #FF99CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99CA; -webkit-box-shadow:4px 4px  
4px 4px #FF99CA; box-shadow:4px 4px 4px  
4px #FF99CA }
```

Background

The CSS property to change the background color of an element to Hex FF99CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99CA }
```

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

```
.background{ background-color:#FF99CA }
```

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