

Converting Colors

Hex(FF349A)

Have a look what the booklet for
Hex(FF349A) contains.

Hex(FF349A)	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(**FF349A**)

Conversions

Conversions Part 1

Format	Color
Hex	FF349A
RGB	255, 52, 154
RGB Percent	100%, 20%, 60%
CMY	0.0000, 0.7961, 0.3961
CMYK	0.00, 0.80, 0.40, 0.00
HSL	330°, 100%, 60%
HSV	330°, 80%, 100%
XYZ	48.3007, 26.0491, 33.0541
YIQ	124.3250, 88.2460, 74.7580

Conversions

Conversions Part 2

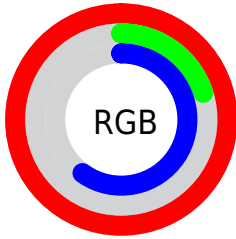
Format	Color
R_{YB}	255, 52, 154
Decimal	16725146
CIE _{Lab}	58.08, 79.68, -6.69
CIE _{LCh}	58, 79.956, 355.203
Yxy	26.0491, 0.4497, 0.2425
Android (android.graphics.Color)	4294915226 (0xFFFF349A)
YUV	124.3250, 14.6298, 114.6020
Hunter-Lab	51.0383, 79.6087, -2.6714

Details

The Hex color **FF349A** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **34FF99**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF78D0**, and **C10067** is the 20% darker color. If you saturate the color by 10%, you get **FF1A8D**, and if you desaturate by 10%, it is **FF4EA7**.

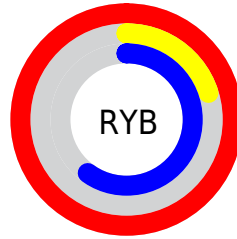
Distribution



Red (100%)

Green (20%)

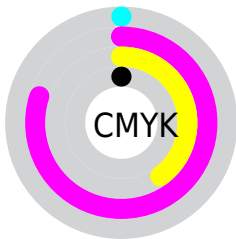
Blue (60%)



Red (100%)

Yellow (20%)

Blue (60%)

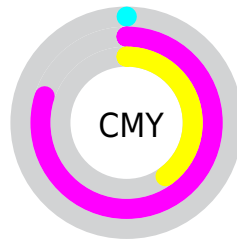


Cyan (0%)

Magenta (80%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF349A 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 FF349A by changing the saturation by 10% instead.

 FF349A

 FF349A

FFFFFF

 E00080

 FF78D0

 C10067

 FF96ED

 A2004F

 FFB4FF

 830038

 FFD2FF

 650023

 FFF1FF

 49000C

 290001

 000000

 FF349A

 FF349A

 FF1A8D

 FF4EA7

 FF0181

 FF67B3

 FF0080

 FF81C0

 FF9ACD

 FFB3D9

 FFCDE6

 FFE7F3

FFFFFF

Harmonies

Analogous

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



D358DD



FF349A



FF4055

Triad

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



FF349A



6F9900



00A5FF

Complementary

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



FF349A



34FF99

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.



00AAC6



FF349A



00A433

Square

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



FF349A



B28500



00A97E



0098FF

Rectangle

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



FF349A



F15928



00A97E



00A8EE

Sweetspot

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



FF349A



FFC2E1



9634FF



805B6D



000000



808080

Same Dimension

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



FF349A



FF0A85



FF3437



807379



BF0060



400020

Inverse Universe

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



FF349A



FF0A85



34FFFC



807379



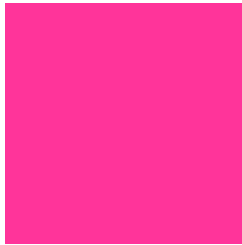
BF0060



400020

Previews

White Background



This preview shows how the Hex color FF349A looks on a white background.

Color Contrast Check

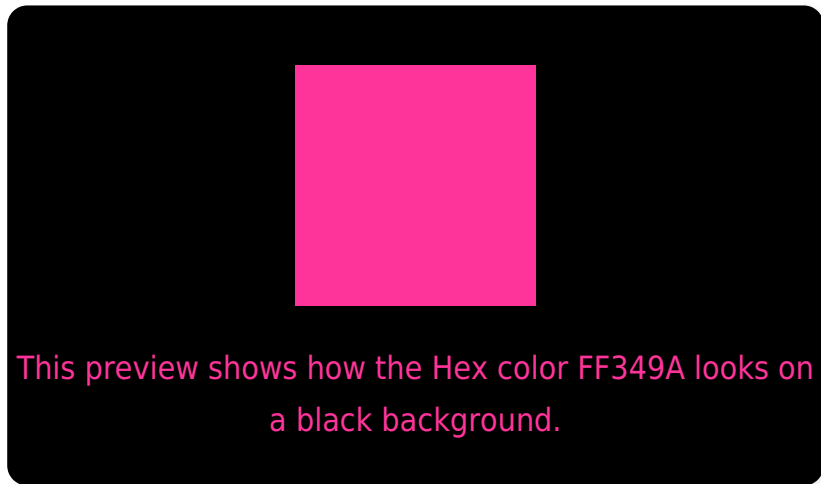
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF349A Background



This preview shows how black text looks on a background with the Hex color FF349A.



This preview shows how white text looks on a background with the Hex color FF349A.

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
FA4B4F

Trichromacy



Original Color
FF349A



Protanomaly
A76BBD



Deuteranomaly
BD6994



Tritanomaly
FC436A

Monochromacy



Original Color
FF349A



Achromatopsia
7C7C7C



Achromatomaly
AC6287

CSS Examples

Text

The CSS property to change the color of the text to Hex FF349A 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 #FF349A looks like.

```
.text, #text, p{  
    color:#FF349A  
}
```

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 #FF349A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF349A
}
```

Border

The CSS property to change the border of an element to Hex FF349A 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
#FF349A }
```

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

```
.border{ border-color:#FF349A }
```

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

Here you see how a box with a 4 pixel #FF349A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF349A; -webkit-box-shadow:4px 4px  
4px 4px #FF349A; box-shadow:4px 4px 4px  
4px #FF349A }
```

Background

The CSS property to change the background color of an element to Hex FF349A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF349A }
```

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

```
.background{ background-color:#FF349A }
```

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