

Converting Colors

Hex(FF009F)

Have a look what the booklet for
Hex(FF009F) contains.

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Color

Hex(FF009F)

Conversions

Conversions Part 1

Format	Color
Hex	FF009F
RGB	255, 0, 159
RGB Percent	100%, 0%, 62%
CMY	0.0000, 1.0000, 0.3765
CMYK	0.00, 1.00, 0.38, 0.00
HSL	323°, 100%, 50%
HSV	323°, 100%, 100%
XYZ	47.4980, 23.7632, 34.8842
YIQ	94.3710, 100.9410, 103.5090

Conversions

Conversions Part 2

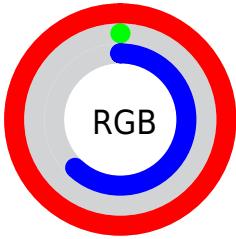
Format	Color
R_{YB}	255, 0, 159
Decimal	16711839
CIE _{Lab}	55.85, 87.08, -12.97
CIE _{LCh}	56, 88.042, 351.526
Yxy	23.7632, 0.4475, 0.2239
Android (android.graphics.Color)	4294901919 (0xFFFF009F)
YUV	94.3710, 31.8621, 140.8716
Hunter-Lab	48.7475, 88.6165, -8.3053

Details

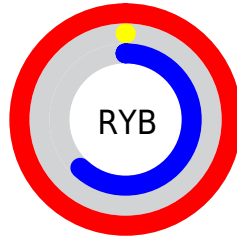
The Hex color **FF009F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00FF60**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF65D6**, and **C0006C** is the 20% darker color. If you saturate the color by 10%, you get **FF009F**, and if you desaturate by 10%, it is **FF19A9**.

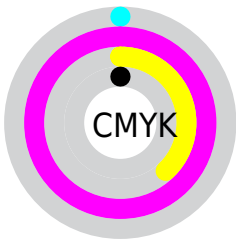
Distribution



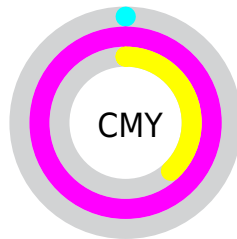
- Red (100%)
- Green (0%)
- Blue (62%)



- Red (100%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF009F 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 FF009F by changing the saturation by 10% instead.

 FF009F

 FF009F

FFFFFF

 DF0085

 FF65D6

 C0006C

 FF85F2

 A10053

 FFA4FF

 83003C

 FFC3FF

 640027

 FFE2FF

 470011

 270001

 000000

 FF009F

 FF19A9

 FF33B2

 FF4DBC

 FF66C5

 FF80CF

 FF99D9

 FFB3E2

 FFCCEC

 FFE6F5

Harmonies

Analogous

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



C94FE6



FF009F



FF1553

Triad

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



FF009F



6E9200



00A3FE

Complementary

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



FF009F



00FF60

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.



00A6BC



FF009F



009F0F

Square

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



FF009F



B57B00



00A46D



0096FF

Rectangle

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



FF009F



F64320



00A46D



00A4EB

Sweetspot

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



FF009F



FFB3E2



5D00FF



80526E



000000



808080

Same Dimension

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



FF009F



FF0022



80737B



BF0077



400028

Inverse Universe

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



FF009F



00FFDD



80737B



BF0077



400028

Previews

White Background



This preview shows how the Hex color FF009F looks on a white background.

Color Contrast Check

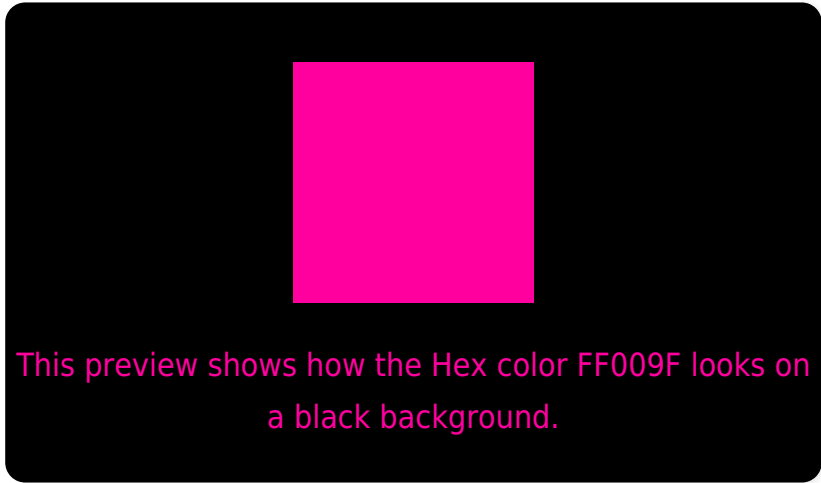
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF009F Background



This preview shows how black text looks on a background with the Hex color FF009F.



This preview shows how white text looks on a background with the Hex color FF009F.

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
F93F41

Trichromacy



Original Color
FF009F



Protanomaly
9954CB



Deuteranomaly
B75398



Tritanomaly
FB2863

Monochromacy



Original Color
FF009F



Achromatopsia
5E5E5E



Achromatomaly
993C76

CSS Examples

Text

The CSS property to change the color of the text to Hex FF009F 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 #FF009F looks like.

```
.text, #text, p{  
    color:#FF009F  
}
```

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 #FF009F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF009F
}
```

Border

The CSS property to change the border of an element to Hex FF009F 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
#FF009F }
```

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

```
.border{ border-color:#FF009F }
```

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

Here you see how a box with a 4 pixel #FF009F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF009F; -webkit-box-shadow:4px 4px  
4px 4px #FF009F; box-shadow:4px 4px 4px  
4px #FF009F }
```

Background

The CSS property to change the background color of an element to Hex FF009F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF009F }
```

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

```
.background{ background-color:#FF009F }
```

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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