

Converting Colors

Hex(FF009E)

Have a look what the booklet for
Hex(FF009E) contains.

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Color

Hex(FF009E)

Conversions

Conversions Part 1

Format	Color
Hex	FF009E
RGB	255, 0, 158
RGB Percent	100%, 0%, 62%
CMY	0.0000, 1.0000, 0.3804
CMYK	0.00, 1.00, 0.38, 0.00
HSL	323°, 100%, 50%
HSV	323°, 100%, 100%
XYZ	47.4116, 23.7286, 34.4290
YIQ	94.2570, 101.2620, 103.1980

Conversions

Conversions Part 2

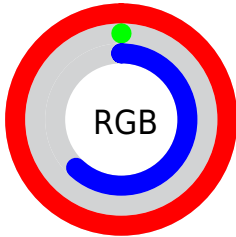
Format	Color
R_{YB}	255, 0, 158
Decimal	16711838
CIE _{Lab}	55.82, 86.99, -12.44
CIE _{LCh}	56, 87.875, 351.865
Yxy	23.7286, 0.4491, 0.2248
Android (android.graphics.Color)	4294901918 (0xFFFF009E)
YUV	94.2570, 31.4253, 140.9716
Hunter-Lab	48.7120, 88.4885, -7.8069

Details

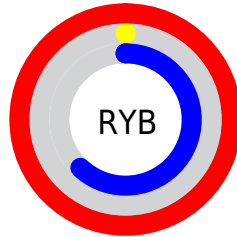
The Hex color **FF009E** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00FF61**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF65D5**, and **C0006B** is the 20% darker color. If you saturate the color by 10%, you get **FF009E**, and if you desaturate by 10%, it is **FF19A8**.

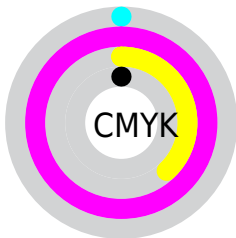
Distribution



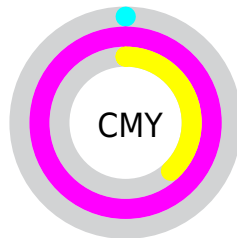
- Red (100%)
- Green (0%)
- Blue (62%)



- 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 FF009E 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 FF009E by changing the saturation by 10% instead.

 FF009E

 FF009E

FFFFFF

 DF0084

 FF65D5

 C0006B

 FF85F1

 A10052

 FFA4FF

 82003B

 FFC3FF

 640026

 FFE2FF

 47000F

 270001

 000000

 FF009E

 FF19A8

 FF33B1

 FF4DBB

 FF66C5

 FF80CF

 FF99D8

 FFB3E2

 FFCCEC

 FFE6F5

Harmonies

Analogous

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



CA4EE5



FF009E



FF1753

Triad

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



FF009E



6D9200



00A2FE

Complementary

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



FF009E



00FF61

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.



00A6BD



FF009E



009F12

Square

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



FF009E



B47B00



00A46E



0096FF

Rectangle

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



FF009E



F5441F



00A46E



00A4EB

Sweetspot

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



FF009E



FFB3E2



5D00FF



80526E



000000



808080

Same Dimension

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



FF009E



FF0022



80737B



BF0077



400028

Inverse Universe

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



FF009E



00FFDD



80737B



BF0077



400028

Previews

White Background



This preview shows how the Hex color FF009E looks on a white background.

Color Contrast Check

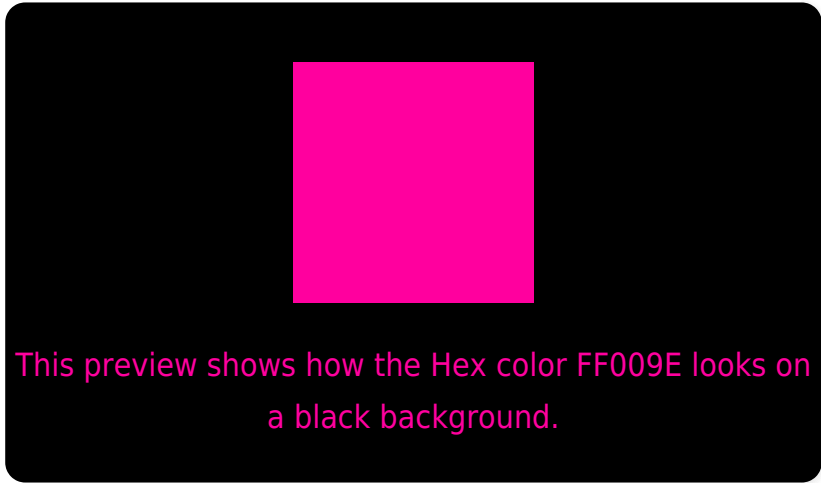
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF009E Background



This preview shows how black text looks on a background with the Hex color FF009E.



This preview shows how white text looks on a background with the Hex color FF009E.

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
F93E40

Trichromacy



Original Color
FF009E



Protanomaly
9A54C9



Deuteranomaly
B85397



Tritanomaly
FB2762

Monochromacy



Original Color
FF009E



Achromatopsia
5E5E5E



Achromatomaly
993C75

CSS Examples

Text

The CSS property to change the color of the text to Hex FF009E 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 #FF009E looks like.

```
.text, #text, p{  
    color:#FF009E  
}
```

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 #FF009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF009E
}
```

Border

The CSS property to change the border of an element to Hex FF009E 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
#FF009E }
```

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

```
.border{ border-color:#FF009E }
```

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

Here you see how a box with a 4 pixel #FF009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF009E; -webkit-box-shadow:4px 4px  
4px 4px #FF009E; box-shadow:4px 4px 4px  
4px #FF009E }
```

Background

The CSS property to change the background color of an element to Hex FF009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF009E }
```

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

```
.background{ background-color:#FF009E }
```

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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