

# Converting Colors

Hex(F009F0)

Have a look what the booklet for  
Hex(F009F0) contains.

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**Color**

**Hex(F009F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F009F0
RGB	240, 9, 240
RGB Percent	94%, 4%, 94%
CMY	0.0588, 0.9647, 0.0588
CMYK	0.00, 0.96, 0.00, 0.06
HSL	300°, 93%, 49%
HSV	300°, 96%, 94%
XYZ	51.7610, 25.0119, 84.5377
YIQ	104.4030, 63.5250, 120.8130

# Conversions

## Conversions Part 2

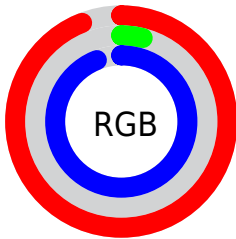
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 9, 240
Decimal	15731184
CIE <sub>Lab</sub>	57.09, 93.28, -57.81
CIE <sub>LCh</sub>	57, 109.741, 328.213
Yxy	25.0119, 0.3209, 0.1551
Android (android.graphics.Color)	4293921264 (0xFFFF009F0)
YUV	104.4030, 66.8493, 118.9186
Hunter-Lab	50.0119, 97.2221, -65.2127

# Details

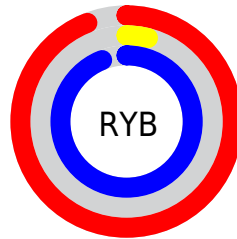
The Hex color **F009F0** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **09F009**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF68FF**, and **B300B7** is the 20% darker color. If you saturate the color by 10%, you get **F000F0**, and if you desaturate by 10%, it is **F021F0**.

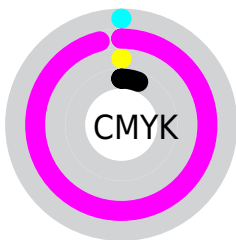
# Distribution



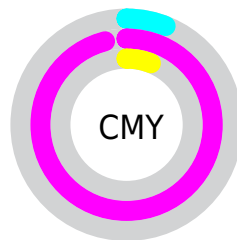
- Red (94%)
- Green (4%)
- Blue (94%)



- Red (94%)
- Yellow (4%)
- Blue (94%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (96%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F009F0 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 F009F0 by changing the saturation by 10% instead.



 F009F0

 F009F0

FFFFFF

 D100D3

 FF68FF

 B300B7

 FF88FF

 95009C

 FFA7FF

 770081

 FFC6FF

 5A0067

 FFE5FF

 3E004E

 1E0036

 00021F

 000003

 F009F0

 F009F0

 F000F0

 F021F0

 F039F0

 F051F0

 F069F0

 F081F0

 F099F0

 F0B1F0

 F0C9F0

 F0E1F0

# Harmonies

## Analogous

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



5172FF



F009F0



FF0093

# Triad

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



F009F0



AC8400



00AEE2

# Complementary

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



F009F0



09F009

# 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.



00AD80



F009F0



489D00

# Square

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



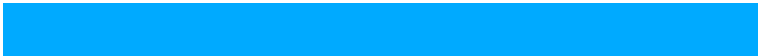
F009F0



F25300



00A800



00AAFF

# Rectangle

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



F09F0



FF055



00A800



00AEC3



# Sweetspot

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



F009F0



FFB5FF



0909F0



805380



000000



808080



# Same Dimension

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



F009F0



FF00FF



F0097D



786C78



B800B8



380038



# Inverse Universe

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



F009F0



FF00FF



09F07D



786C78



B800B8



380038



# Previews

## White Background



This preview shows how the Hex color F009F0 looks on a white background.

## Color Contrast Check

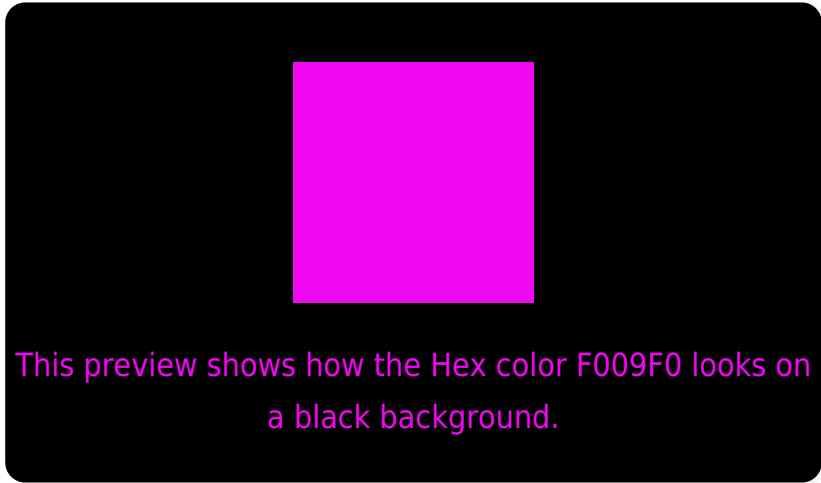
Large Text (above 18pt) WCAG AA ✓ Pass

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

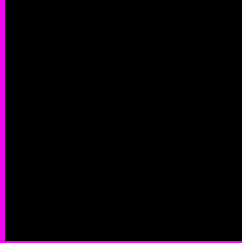
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex F009F0 Background



This preview shows how black text looks on a background with the Hex color F009F0.



This preview shows how white text looks on a background with the Hex color F009F0.

# 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**  
E15E65

# Trichromacy



**Original Color**  
F009F0



**Protanomaly**  
8659FA



**Deuteranomaly**  
8C5BE7



**Tritanomaly**  
E63F98

# Monochromacy



**Original Color**  
F009F0



**Achromatopsia**  
686868



**Achromatomaly**  
994599

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F009F0 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 #F009F0 looks like.

```
.text, #text, p{  
    color:#F009F0  
}
```

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 #F009F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F009F0
}
```

## Border

The CSS property to change the border of an element to Hex F009F0 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
#F009F0 }
```

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

```
.border{ border-color:#F009F0 }
```

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

Here you see how a box with a 4 pixel #F009F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F009F0; -webkit-box-shadow:4px 4px  
4px 4px #F009F0; box-shadow:4px 4px 4px  
4px #F009F0 }
```

# Background

The CSS property to change the background color of an element to Hex F009F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F009F0 }
```

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

```
.background{ background-color:#F009F0 }
```

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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