

# Converting Colors

Hex(FB049F)

Have a look what the booklet for  
Hex(FB049F) contains.

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**Color**

**Hex(FB049F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB049F
RGB	251, 4, 159
RGB Percent	98%, 2%, 62%
CMY	0.0157, 0.9843, 0.3765
CMYK	0.00, 0.98, 0.37, 0.02
HSL	322°, 97%, 50%
HSV	322°, 98%, 98%
XYZ	46.0851, 23.0993, 34.8305
YIQ	95.5230, 97.4570, 100.5690

# Conversions

## Conversions Part 2

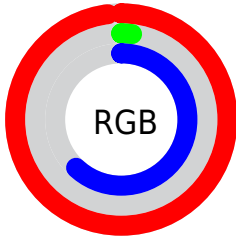
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 4, 159
Decimal	16450719
CIELab	55.17, 86.02, -14.07
CIELCh	55, 87.162, 350.712
Yxy	23.0993, 0.4431, 0.2221
Android (android.graphics.Color)	4294640799 (0xFFFB049F)
YUV	95.5230, 31.2942, 136.3533
Hunter-Lab	48.0617, 87.0509, -9.3246

# Details

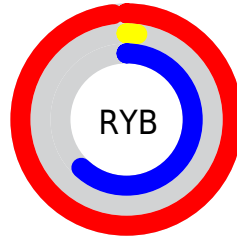
The Hex color **FB049F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **04FB60**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65D6**, and **BC006C** is the 20% darker color. If you saturate the color by 10%, you get **FB009E**, and if you desaturate by 10%, it is **FB1DA8**.

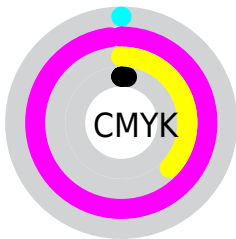
# Distribution



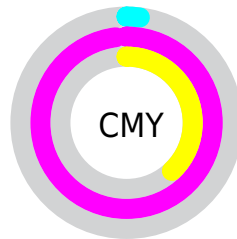
- Red (98%)
- Green (2%)
- Blue (62%)



- Red (98%)
- Yellow (2%)
- Blue (62%)



- Cyan (0%)
- Magenta (98%)
- Yellow (37%)
- Black (2%)



- Cyan (2%)
- Magenta (98%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB049F 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 FB049F by changing the saturation by 10% instead.



 FB049F

 FB049F

FFFFFF

 DC0085

 FF65D6

 BC006C

 FF85F2

 9E0053

 FFA4FF

 7F003C

 FFC2FF

 610026

 FFE1FF

 440010

 240001

 000000

 FB049F

 FB049F

 FB009E

 FB1DA8

 FB36B2

 FB4FBB

 FB68C4

 FB82CE

 FB9BD7

 FBB4E0

 FBCDEA

 FBE6F3

# Harmonies

## Analogous

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



C44FE5



FB049F



FF1354

# Triad

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



FB049F



6F9000



00A1F9

# Complementary

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



FB049F



04FB60

# 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.



00A4B8



FB049F



009C0A

# Square

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



FB049F



B47900



00A269



0095FF

# Rectangle

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



FB049F



F44122



00A269



00A2E6



# Sweetspot

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



FB049F



FFB3E3



5F04FB



80526E



000000



808080



# Same Dimension

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



FB049F



FF00A0



FB0425



7D7078



BD0076



3D0026



# Inverse Universe

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



FB049F



FF00A0



04FBDA



7D7078



BD0076



3D0026



# Previews

## White Background



This preview shows how the Hex color FB049F looks on a white background.

## Color Contrast Check

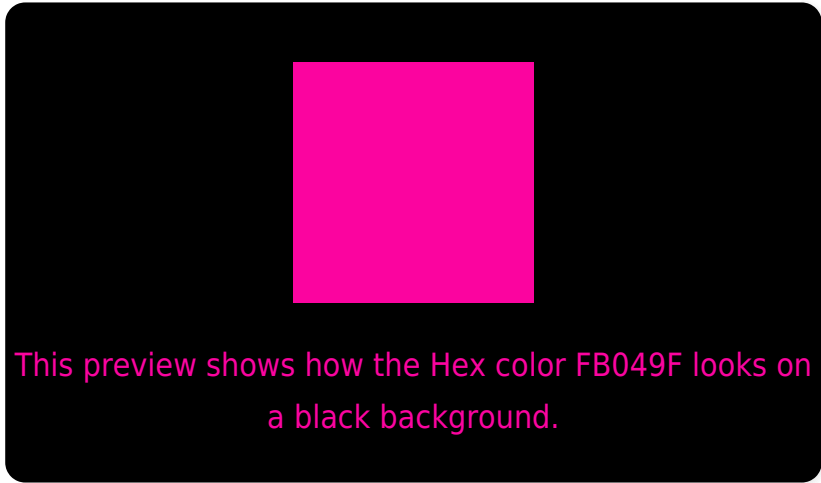
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB049F Background



This preview shows how black text looks on a background with the Hex color FB049F.



This preview shows how white text looks on a background with the Hex color FB049F.

# 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**  
F53F41

# Trichromacy



**Original Color**  
FB049F



**Protanomaly**  
9554CB



**Deuteranomaly**  
B45498



**Tritanomaly**  
F72A63

# Monochromacy



**Original Color**  
FB049F



**Achromatopsia**  
606060



**Achromatomaly**  
983F77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB049F 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 #FB049F looks like.

```
.text, #text, p{  
    color:#FB049F  
}
```

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 #FB049F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB049F
}
```

## Border

The CSS property to change the border of an element to Hex FB049F 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
#FB049F }
```

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

```
.border{ border-color:#FB049F }
```

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

Here you see how a box with a 4 pixel #FB049F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB049F; -webkit-box-shadow:4px 4px  
4px 4px #FB049F; box-shadow:4px 4px 4px  
4px #FB049F }
```

# Background

The CSS property to change the background color of an element to Hex FB049F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB049F }
```

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

```
.background{ background-color:#FB049F }
```

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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