

Converting Colors

Hex(F50DA9)

Have a look what the booklet for
Hex(F50DA9) contains.

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Color

Hex(F50DA9)

Conversions

Conversions Part 1

Format	Color
Hex	F50DA9
RGB	245, 13, 169
RGB Percent	96%, 5%, 66%
CMY	0.0392, 0.9490, 0.3373
CMYK	0.00, 0.95, 0.31, 0.04
HSL	320°, 92%, 51%
HSV	320°, 95%, 96%
XYZ	44.9615, 22.5649, 39.5218
YIQ	100.1520, 88.1960, 97.7000

Conversions

Conversions Part 2

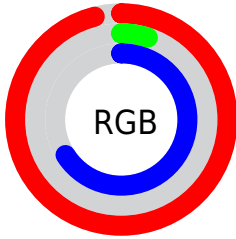
Format	Color
R _Y B	245, 13, 169
Decimal	16059817
CIE Lab	54.62, 85.18, -20.91
CIE LCh	55, 87.712, 346.211
Yxy	22.5649, 0.4200, 0.2108
Android (android.graphics.Color)	4294249897 (0xFFFF50DA9)
YUV	100.1520, 33.9421, 127.0317
Hunter-Lab	47.5025, 85.8224, -16.0772

Details

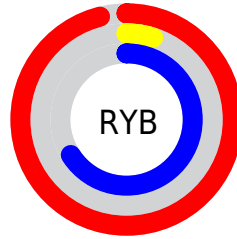
The Hex color **F50DA9** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0DF559**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF66E0**, and **B70075** is the 20% darker color. If you saturate the color by 10%, you get **F500A5**, and if you desaturate by 10%, it is **F526B1**.

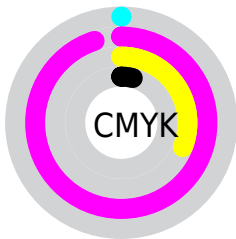
Distribution



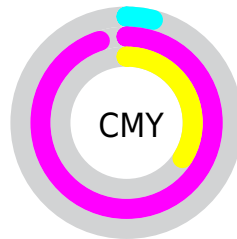
- Red (96%)
- Green (5%)
- Blue (66%)



- Red (96%)
- Yellow (5%)
- Blue (66%)



- Cyan (0%)
- Magenta (95%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (95%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50DA9 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 F50DA9 by changing the saturation by 10% instead.

 F50DA9

 F50DA9

FFFFFF

 D6008E

 FF66E0

 B70075

 FF85FD

 99005C

 FFA4FF

 7B0044

 FFC3FF

 5D002E

 FFE1FF

 400019

 210001

 000000

 F50DA9

 F50DA9

 F500A5

 F526B1

 F53EB9

 F557C1

 F56FC9

 F588D1

 F5A0D9

 F5B9E1

 F5D1E9

 F5EAF1

Harmonies

Analogous

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



B655ED



F50DA9



FF005E

Triad

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



F50DA9



798C00



00A0F0

Complementary

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



F50DA9



0DF559

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.



00A2AB



F50DA9



009A00

Square

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



F50DA9



BB7300



00A05C



0096FF

Rectangle

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



F50DA9



F7352C



00A05C



00A2DB

Sweetspot

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



F50DA9



FFB8E8



560DF5



805471



000000



808080

Same Dimension

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



F50DA9



FF00AB



F50D38



7A6E76



BA007D



3B0027

Inverse Universe

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



F50DA9



FF00AB



0DF5CA



7A6E76



BA007D



3B0027

Previews

White Background



This preview shows how the Hex color F50DA9 looks on a white background.

Color Contrast Check

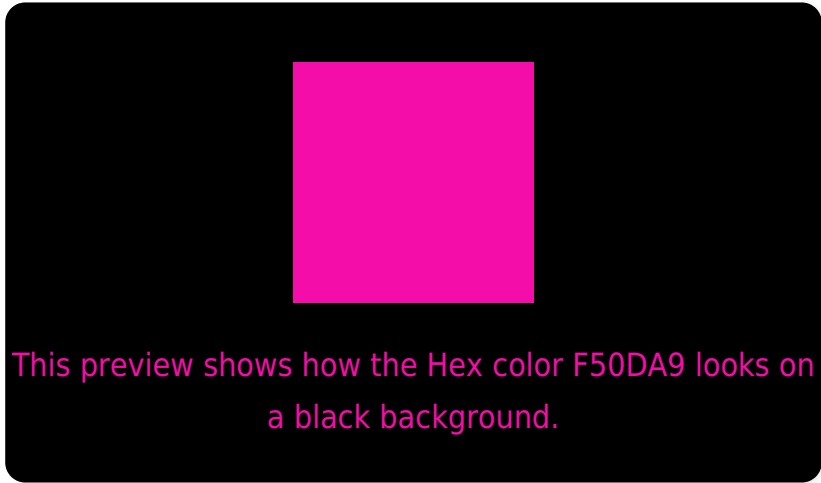
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50DA9 Background



This preview shows how black text looks on a background with the Hex color F50DA9.



This preview shows how white text looks on a background with the Hex color F50DA9.

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



Trichromacy



Original Color
F50DA9



Protanomaly
8956D6



Deuteranomaly
AC57A2



Tritanomaly
F12F6A

Monochromacy



Original Color
F50DA9



Achromatopsia
646464



Achromatomaly
99447D

CSS Examples

Text

The CSS property to change the color of the text to Hex F50DA9 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 #F50DA9 looks like.

```
.text, #text, p{  
  color:#F50DA9  
}
```

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 #F50DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50DA9
}
```

Border

The CSS property to change the border of an element to Hex F50DA9 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
#F50DA9 }
```

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

```
.border{ border-color:#F50DA9 }
```

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

Here you see how a box with a 4 pixel #F50DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50DA9; -webkit-box-shadow:4px 4px  
4px 4px #F50DA9; box-shadow:4px 4px 4px  
4px #F50DA9 }
```

Background

The CSS property to change the background color of an element to Hex F50DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50DA9 }
```

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

```
.background{ background-color:#F50DA9 }
```

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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