

Converting Colors

Hex(FD008F)

Have a look what the booklet for
Hex(FD008F) contains.

Hex(FD008F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FD008F)

Conversions

Conversions Part 1

Format	Color
Hex	FD008F
RGB	253, 0, 143
RGB Percent	99%, 0%, 56%
CMY	0.0078, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.43, 0.01
HSL	326°, 100%, 50%
HSV	326°, 100%, 99%
XYZ	45.4659, 22.8658, 28.0038
YIQ	91.9490, 104.8850, 98.1090

Conversions

Conversions Part 2

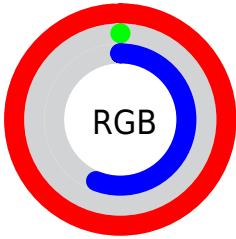
Format	Color
RYB	253, 0, 143
Decimal	16580751
CIELab	54.93, 85.29, -4.89
CIElCh	55, 85.429, 356.719
Yxy	22.8658, 0.4720, 0.2374
Android (android.graphics.Color)	4294770831 (0xFFFD008F)
YUV	91.9490, 25.1681, 141.2417
Hunter-Lab	47.8182, 86.0373, -1.2493

Details

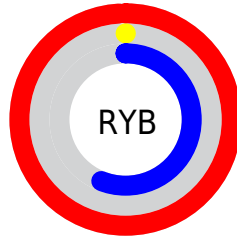
The Hex color **FD008F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **00FD6E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF64C5**, and **BE005D** is the 20% darker color. If you saturate the color by 10%, you get **FD008F**, and if you desaturate by 10%, it is **FD199A**.

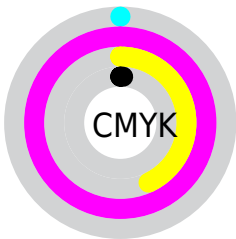
Distribution



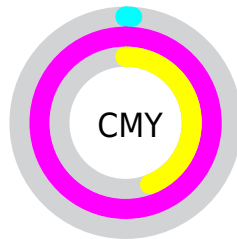
- Red (99%)
- Green (0%)
- Blue (56%)



- Red (99%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD008F 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 FD008F by changing the saturation by 10% instead.

 FD008F

 FD008F

FFFFFF

 DD0075

 FF64C5

 BE005D

 FF84E1

 9F0046

 FFA3FD

 80002F

 FFC1FF

 61001B

 FFE0FF

 440003

 220001

 000000

 FD008F

 FD199A

 FD33A5

 FD4CB0

 FD65BB

 FD7FC6

 FD98D1

 FDB1DC

 FDCAE7

 FDE4F2

Harmonies

Analogous

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



D246D6



FD008F



FD2846

Triad

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



FD008F



5E9200



009EFF

Complementary

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



FD008F



00FD6E

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.



00A2C5



FD008F



009D27

Square

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



FD008F



A67E00



00A279



0090FF

Rectangle

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



FD008F



EA4D10



00A279



00A0EF

Sweetspot

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



FD008F



FFB3DE



6E00FD



80526C



000000



808080

Same Dimension

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



FD008F



FF0090



FD0011



80737A



BF006C



400024

Inverse Universe

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



FD008F



FF0090



00FDEC



80737A



BF006C



400024

Previews

White Background



This preview shows how the Hex color FD008F looks on a white background.

Color Contrast Check

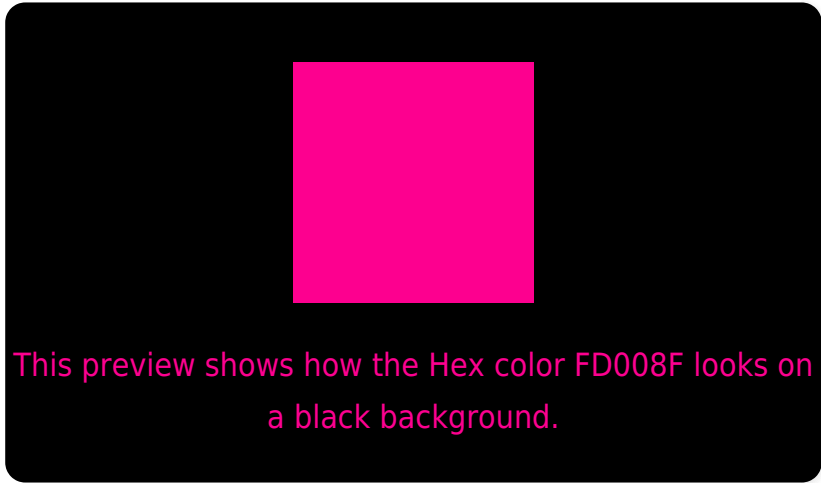
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD008F Background



This preview shows how black text looks on a background with the Hex color FD008F.



This preview shows how white text looks on a background with the Hex color FD008F.

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
F8393A

Trichromacy



Original Color
FD008F



Protanomaly
9F53B7



Deuteranomaly
B95288



Tritanomaly
FA2459

Monochromacy



Original Color
FD008F



Achromatopsia
5C5C5C



Achromatomaly
973B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex FD008F 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 #FD008F looks like.

```
.text, #text, p{  
    color:#FD008F  
}
```

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 #FD008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD008F
}
```

Border

The CSS property to change the border of an element to Hex FD008F 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
#FD008F }
```

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

```
.border{ border-color:#FD008F }
```

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

Here you see how a box with a 4 pixel #FD008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD008F; -webkit-box-shadow:4px 4px  
4px 4px #FD008F; box-shadow:4px 4px 4px  
4px #FD008F }
```

Background

The CSS property to change the background color of an element to Hex FD008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD008F }
```

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

```
.background{ background-color:#FD008F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

[@ConvertingColor](#)