

Converting Colors

Hex(FD008B)

Have a look what the booklet for
Hex(FD008B) contains.

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Color

Hex(FD008B)

Conversions

Conversions Part 1

Format	Color
Hex	FD008B
RGB	253, 0, 139
RGB Percent	99%, 0%, 55%
CMY	0.0078, 1.0000, 0.4549
CMYK	0.00, 1.00, 0.45, 0.01
HSL	327°, 100%, 50%
HSV	327°, 100%, 99%
XYZ	45.1682, 22.7467, 26.4360
YIQ	91.4930, 106.1690, 96.8650

Conversions

Conversions Part 2

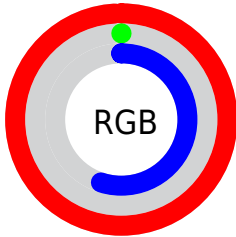
Format	Color
R_{YB}	253, 0, 139
Decimal	16580747
CIE _{Lab}	54.81, 84.97, -2.68
CIE _{LCh}	55, 85.008, 358.192
Yxy	22.7467, 0.4787, 0.2411
Android (android.graphics.Color)	4294770827 (0xFFFD008B)
YUV	91.4930, 23.4210, 141.6416
Hunter-Lab	47.6935, 85.5850, 0.5216

Details

The Hex color **FD008B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00FD72**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF64C0**, and **BE0059** is the 20% darker color. If you saturate the color by 10%, you get **FD008B**, and if you desaturate by 10%, it is **FD1996**.

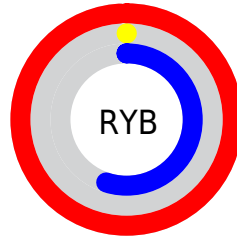
Distribution



Red (99%)

Green (0%)

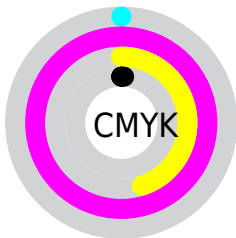
Blue (55%)



Red (99%)

Yellow (0%)

Blue (55%)

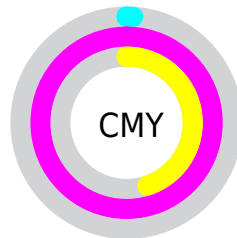


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD008B 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 FD008B by changing the saturation by 10% instead.

 FD008B

 FD008B

FFFFFF

 DD0072

 FF64C0

 BE0059

 FF84DC

 9E0042

 FFA3F9

 7F002C

 FFC1FF

 610018

 FFE0FF

 430003

 210001

 000000

 FD008B

 FD1996

 FD33A2

 FD4CAD

 FD65B9

 FD7FC4

 FD98CF

 FDB1DB

 FDCAE6

 FDE4F2

Harmonies

Analogous

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



D443D2



FD008B



FB2C43

Triad

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



FD008B



5A9300



009DFF

Complementary

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



FD008B



00FD72

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.



00A2C7



FD008B



009D2C

Square

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



FD008B



A37F00



00A17C



008FFF

Rectangle

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



FD008B



E84F09



00A17C



00A0F1

Sweetspot

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



FD008B



FFB3DD



7200FD



80526B



000000



808080

Same Dimension

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



FD008B



FF008C



FD000D



80737A



BF0069



400023

Inverse Universe

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



FD008B



FF008C



00DFD0



80737A



BF0069



400023

Previews

White Background



This preview shows how the Hex color FD008B looks on a white background.

Color Contrast Check

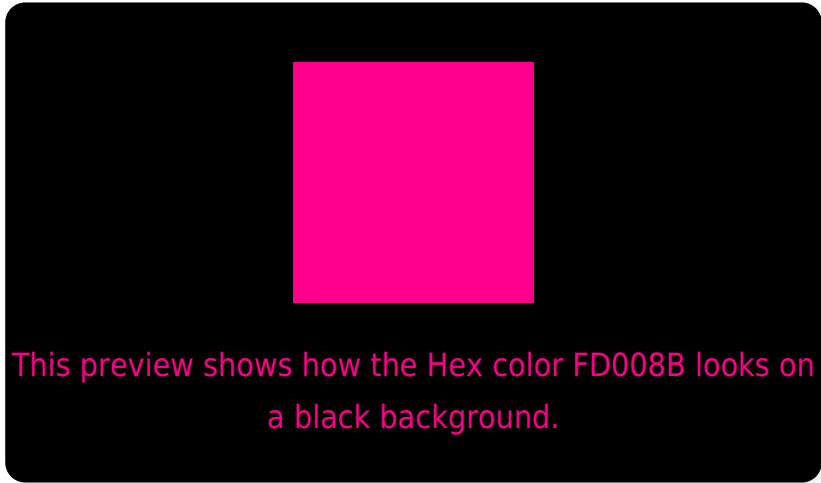
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD008B Background



This preview shows how black text looks on a background with the Hex color FD008B.



This preview shows how white text looks on a background with the Hex color FD008B.

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
F93738

Trichromacy



Original Color
FD008B



Protanomaly
A153B2



Deuteranomaly
BA5184



Tritanomaly
FA2356

Monochromacy



Original Color
FD008B



Achromatopsia
5B5B5B



Achromatomaly
963A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex FD008B 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 #FD008B looks like.

```
.text, #text, p{  
    color:#FD008B  
}
```

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 #FD008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD008B
}
```

Border

The CSS property to change the border of an element to Hex FD008B 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
#FD008B }
```

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

```
.border{ border-color:#FD008B }
```

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

Here you see how a box with a 4 pixel #FD008B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD008B; -webkit-box-shadow:4px 4px  
4px 4px #FD008B; box-shadow:4px 4px 4px  
4px #FD008B }
```

Background

The CSS property to change the background color of an element to Hex FD008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD008B }
```

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

```
.background{ background-color:#FD008B }
```

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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