

Converting Colors

Hex(FC008A)

Have a look what the booklet for
Hex(FC008A) contains.

Hex(FC008A)	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(FC008A)

Conversions

Conversions Part 1

Format	Color
Hex	FC008A
RGB	252, 0, 138
RGB Percent	99%, 0%, 54%
CMY	0.0118, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.45, 0.01
HSL	327°, 100%, 49%
HSV	327°, 100%, 99%
XYZ	44.7323, 22.5304, 26.0359
YIQ	91.0800, 105.8940, 96.3420

Conversions

Conversions Part 2

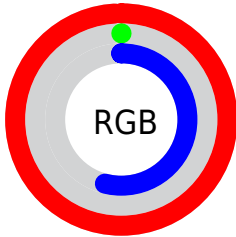
Format	Color
RYB	252, 0, 138
Decimal	16515210
CIELab	54.59, 84.68, -2.44
CIElCh	55, 84.712, 358.351
Yxy	22.5304, 0.4795, 0.2415
Android (android.graphics.Color)	4294705290 (0xFFFC008A)
YUV	91.0800, 23.1316, 141.1268
Hunter-Lab	47.4662, 85.1531, 0.7049

Details

The Hex color **FC008A** 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 **00FC72**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF63BF**, and **BD0058** is the 20% darker color. If you saturate the color by 10%, you get **FC008A**, and if you desaturate by 10%, it is **FC1995**.

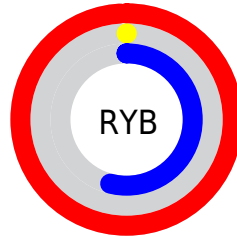
Distribution



Red (99%)

Green (0%)

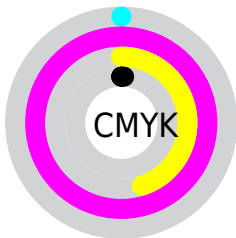
Blue (54%)



Red (99%)

Yellow (0%)

Blue (54%)

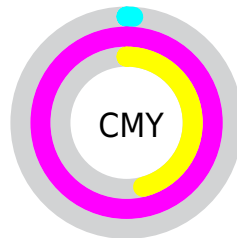


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC008A 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 FC008A by changing the saturation by 10% instead.

 FC008A

 FC008A

FFFFFF

 DC0071

 FF63BF

 BD0058

 FF83DB

 9E0041

 FFA2F7

 7F002C

 FFC1FF

 600017

 FFE0FF

 420003

FFFEFF

 200001

 000000

 FC008A

 FC1995

 FC32A1

 FC4CAC

 FC65B8

 FC7EC3

 FC97CE

 FCB0DA

 FCCAE5

 FCE3F1

Harmonies

Analogous

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



D443D1



FC008A



FA2C42

Triad

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



FC008A



599200



009CFF

Complementary

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



FC008A



00FC72

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.



00A1C7



FC008A



009C2C

Square

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



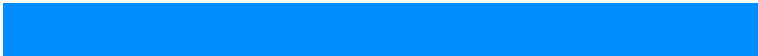
FC008A



A27E00



00A17C



008EFF

Rectangle

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



FC008A



E64F08



00A17C



009FF0

Sweetspot

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



FC008A



FFB3DC



7100FC



80526B



000000



808080

Same Dimension

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



FC008A



FF008C



FC000D



7D7077



BD0067



3D0022

Inverse Universe

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



FC008A



FF008C



00FCEF



7D7077



BD0067



3D0022

Previews

White Background



This preview shows how the Hex color FC008A looks on a white background.

Color Contrast Check

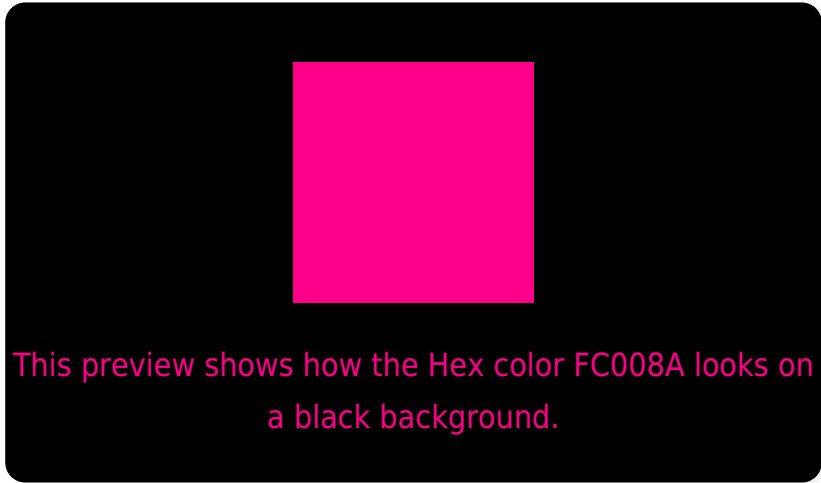
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC008A Background



This preview shows how black text looks on a background with the Hex color FC008A.



This preview shows how white text looks on a background with the Hex color FC008A.

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
F83738

Trichromacy



Original Color
FC008A



Protanomaly
A053B1



Deuteranomaly
B95183



Tritanomaly
F92356

Monochromacy



Original Color
FC008A



Achromatopsia
5B5B5B



Achromatomaly
963A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex FC008A 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 #FC008A looks like.

```
.text, #text, p{  
    color:#FC008A  
}
```

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 #FC008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC008A
}
```

Border

The CSS property to change the border of an element to Hex FC008A 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
#FC008A }
```

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

```
.border{ border-color:#FC008A }
```

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

Here you see how a box with a 4 pixel #FC008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC008A; -webkit-box-shadow:4px 4px  
4px 4px #FC008A; box-shadow:4px 4px 4px  
4px #FC008A }
```

Background

The CSS property to change the background color of an element to Hex FC008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC008A }
```

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

```
.background{ background-color:#FC008A }
```

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