

Converting Colors

Hex(FC008C)

Have a look what the booklet for
Hex(FC008C) contains.

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Color

Hex(FC008C)

Conversions

Conversions Part 1

Format	Color
Hex	FC008C
RGB	252, 0, 140
RGB Percent	99%, 0%, 55%
CMY	0.0118, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.44, 0.01
HSL	327°, 100%, 49%
HSV	327°, 100%, 99%
XYZ	44.8785, 22.5889, 26.8057
YIQ	91.3080, 105.2520, 96.9640

Conversions

Conversions Part 2

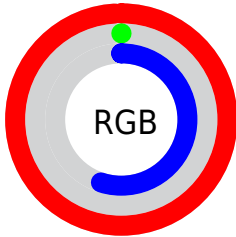
Format	Color
R_{YB}	252, 0, 140
Decimal	16515212
CIE _{Lab}	54.65, 84.84, -3.54
CIE _{LCh}	55, 84.911, 357.608
Yxy	22.5889, 0.4760, 0.2396
Android (android.graphics.Color)	4294705292 (0xFFFC008C)
YUV	91.3080, 24.0052, 140.9269
Hunter-Lab	47.5278, 85.3765, -0.1701

Details

The Hex color **FC008C** 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 **00FC70**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF63C1**, and **BD005A** is the 20% darker color. If you saturate the color by 10%, you get **FC008C**, and if you desaturate by 10%, it is **FC1997**.

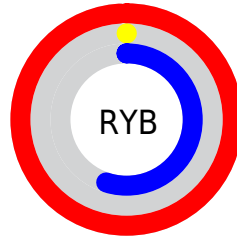
Distribution



Red (99%)

Green (0%)

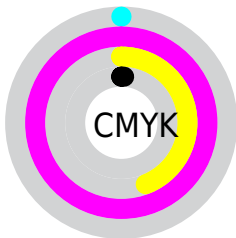
Blue (55%)



Red (99%)

Yellow (0%)

Blue (55%)

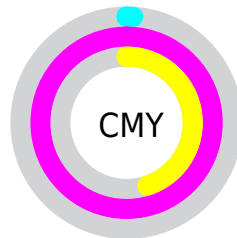


Cyan (0%)

Magenta (100%)

Yellow (44%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC008C 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 FC008C by changing the saturation by 10% instead.

 FC008C

 FC008C

FFFFFF

 DC0073

 FF63C1

 BD005A

 FF83DD

 9E0043

 FFA2FA

 7F002D

 FFC1FF

 600019

 FFE0FF

 420003

 200001

 000000

 FC008C

 FC1997

 FC32A2

 FC4CAE

 FC65B9

 FC7EC4

 FC97CF

 FCB0DA

 FCCAE6

 FCE3F1

Harmonies

Analogous

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



D244D3



FC008C



FB2A44

Triad

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



FC008C



5B9200



009DFF

Complementary

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



FC008C



00FC70

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.



00A1C5



FC008C



009C2A

Square

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



FC008C



A47E00



00A17B



008FFF

Rectangle

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



FC008C



E84E0C



00A17B



009FEF

Sweetspot

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



FC008C



FFB3DD



6D00FC



80526B



000000



808080

Same Dimension

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



FC008C



FF008E



FC0011



7D7077



BD0069



3D0022

Inverse Universe

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



FC008C



FF008E



00FCEB



7D7077



BD0069



3D0022

Previews

White Background



This preview shows how the Hex color FC008C looks on a white background.

Color Contrast Check

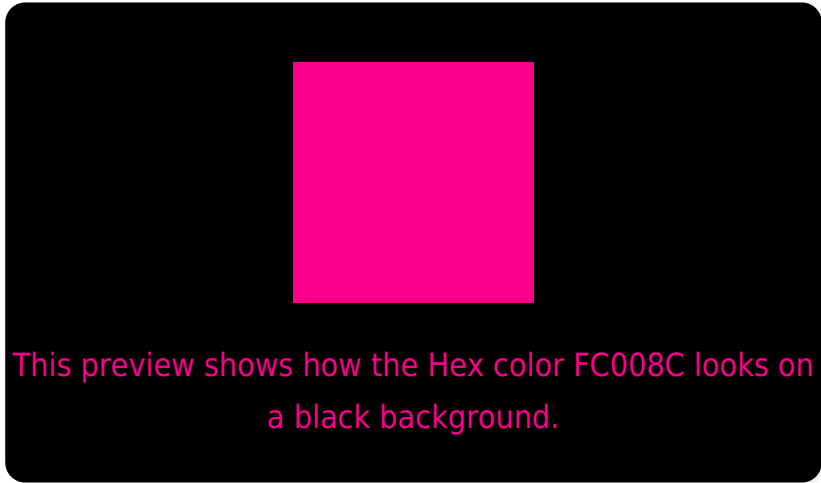
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC008C Background



This preview shows how black text looks on a background with the Hex color FC008C.



This preview shows how white text looks on a background with the Hex color FC008C.

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



Original Color
FC008C

Protanopia
6B82C9

Deuteranopia
928081



Tritanopia
F83838

Trichromacy



Original Color
FC008C



Protanomaly
A053B3



Deuteranomaly
B95185

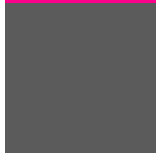


Tritanomaly
F92457

Monochromacy



Original Color
FC008C



Achromatopsia
5B5B5B



Achromatomaly
963A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex FC008C 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 #FC008C looks like.

```
.text, #text, p{  
    color:#FC008C  
}
```

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 #FC008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC008C
}
```

Border

The CSS property to change the border of an element to Hex FC008C 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
#FC008C }
```

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

```
.border{ border-color:#FC008C }
```

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

Here you see how a box with a 4 pixel #FC008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC008C; -webkit-box-shadow:4px 4px  
4px 4px #FC008C; box-shadow:4px 4px 4px  
4px #FC008C }
```

Background

The CSS property to change the background color of an element to Hex FC008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC008C }
```

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

```
.background{ background-color:#FC008C }
```

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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