

Converting Colors

Hex(FC0080)

Have a look what the booklet for
Hex(FC0080) contains.

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Color

Hex(FC0080)

Conversions

Conversions Part 1

Format	Color
Hex	FC0080
RGB	252, 0, 128
RGB Percent	99%, 0%, 50%
CMY	0.0118, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.49, 0.01
HSL	330°, 100%, 49%
HSV	330°, 100%, 99%
XYZ	44.0412, 22.2540, 22.3963
YIQ	89.9400, 109.1040, 93.2320

Conversions

Conversions Part 2

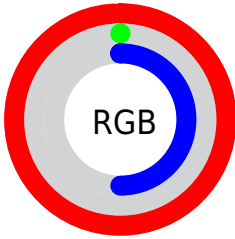
Format	Color
R_{YB}	252, 0, 128
Decimal	16515200
CIE _{Lab}	54.30, 83.91, 3.14
CIE _{LCh}	54, 83.971, 2.142
Yxy	22.2540, 0.4966, 0.2509
Android (android.graphics.Color)	4294705280 (0xFFFC0080)
YUV	89.9400, 18.7636, 142.1266
Hunter-Lab	47.1741, 84.0907, 4.8735

Details

The Hex color **FC0080** 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 **00FC7C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF63B5**, and **BC004F** is the 20% darker color. If you saturate the color by 10%, you get **FC0080**, and if you desaturate by 10%, it is **FC198C**.

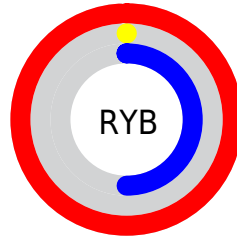
Distribution



Red (99%)

Green (0%)

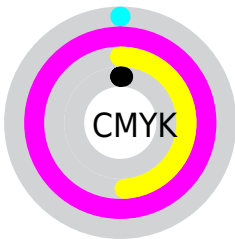
Blue (50%)



Red (99%)

Yellow (0%)

Blue (50%)

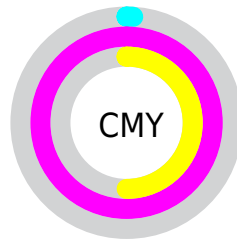


Cyan (0%)

Magenta (100%)

Yellow (49%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC0080 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 FC0080 by changing the saturation by 10% instead.

 FC0080

 FC0080

FFFFFF

 DC0067

 FF63B5

 BC004F

 FF83D0

 9D0039

 FFA2EC

 7E0024

 FFC0FF

 5F000E

 FFDFFF

 400003

FFFEFF

 1E0001

 000000

 FC0080

 FC198C

 FC3299

 FC4CA5

 FC65B2

 FC7EBE

 FC97CA

 FCB0D7

 FCCAE3

 FCE3F0

Harmonies

Analogous

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



DA3CC7



FC0080



F63439

Triad

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



FC0080



4D9300



009AFF

Complementary

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



FC0080



00FC7C

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.



00A0CE



FC0080



009C38

Square

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



FC0080



998100



00A085



008AFF

Rectangle

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



FC0080



E05500



00A085



009DF5

Sweetspot

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



FC0080



FFB3D9



7A00FC



805269



000000



808080

Same Dimension

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



FC0080



FF0082



FC0004



7D7077



BD0060



3D001F

Inverse Universe

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



FC0080



FF0082



00FCF8



7D7077



BD0060



3D001F

Previews

White Background



This preview shows how the Hex color FC0080 looks on a white background.

Color Contrast Check

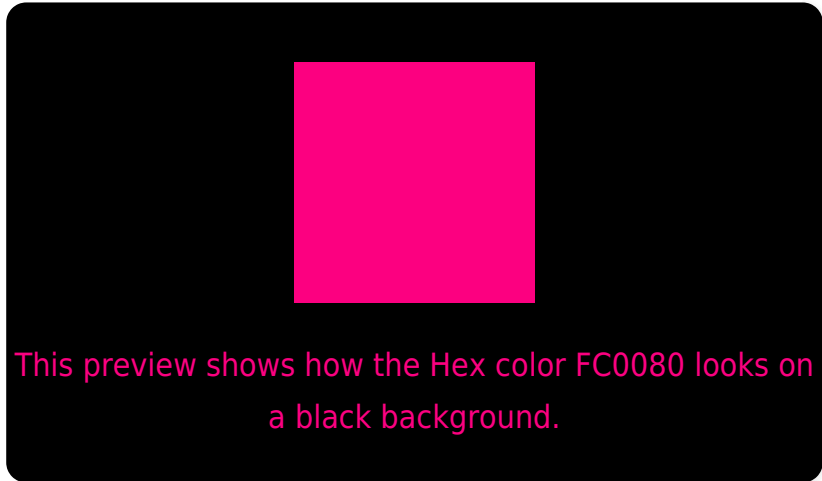
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0080 Background



This preview shows how black text looks on a background with the Hex color FC0080.



This preview shows how white text looks on a background with the Hex color FC0080.

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
F83333

Trichromacy



Original Color
FC0080



Protanomaly
A452A4



Deuteranomaly
BA5079



Tritanomaly
F9204F

Monochromacy



Original Color
FC0080



Achromatopsia
5A5A5A



Achromatomaly
953968

CSS Examples

Text

The CSS property to change the color of the text to Hex FC0080 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 #FC0080 looks like.

```
.text, #text, p{  
    color:#FC0080  
}
```

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 #FC0080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0080
}
```

Border

The CSS property to change the border of an element to Hex FC0080 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
#FC0080 }
```

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

```
.border{ border-color:#FC0080 }
```

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

Here you see how a box with a 4 pixel #FC0080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0080; -webkit-box-shadow:4px 4px  
4px 4px #FC0080; box-shadow:4px 4px 4px  
4px #FC0080 }
```

Background

The CSS property to change the background color of an element to Hex FC0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0080 }
```

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

```
.background{ background-color:#FC0080 }
```

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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