

# Converting Colors

Hex(FC0070)

Have a look what the booklet for  
Hex(FC0070) contains.

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**Color**

**Hex(FC0070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC0070
RGB	252, 0, 112
RGB Percent	99%, 0%, 44%
CMY	0.0118, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.56, 0.01
HSL	333°, 100%, 49%
HSV	333°, 100%, 99%
XYZ	43.0695, 21.8653, 17.2796
YIQ	88.1160, 114.2400, 88.2560

# Conversions

## Conversions Part 2

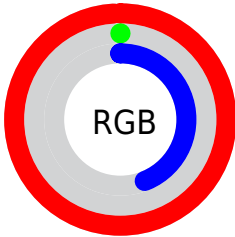
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 0, 112
Decimal	16515184
CIELab	53.88, 82.82, 12.21
CIElCh	54, 83.715, 8.385
Yxy	21.8653, 0.5239, 0.2660
Android (android.graphics.Color)	4294705264 (0xFFFC0070)
YUV	88.1160, 11.7748, 143.7263
Hunter-Lab	46.7603, 82.5802, 10.8224

# Details

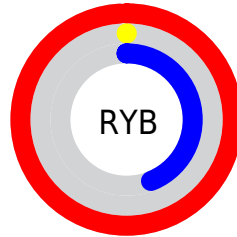
The Hex color **FC0070** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FC8C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF62A3**, and **BC0041** is the 20% darker color. If you saturate the color by 10%, you get **FC0070**, and if you desaturate by 10%, it is **FC197E**.

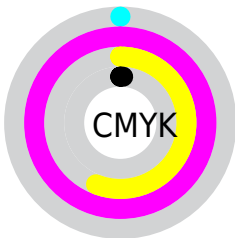
# Distribution



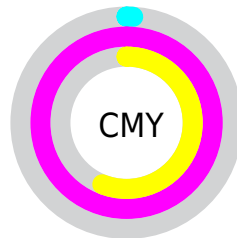
- Red (99%)
- Green (0%)
- Blue (44%)



- Red (99%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0070 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 FC0070 by changing the saturation by 10% instead.



 FC0070

 FC0070

FFFFFF

 DC0058

 FF62A3

 BC0041

 FF82BE

 9C002C

 FFA1DA

 7C0018

 FFC0F6

 5E0004

 FFDEFF

 3E0003

 FFFDFF

 1A0001

 000000

 FC0070

 FC197E

 FC328C

 FC4C9A

 FC65A8

 FC7EB6

 FC97C4

 FCB0D2

 FCCAE0

 FCE3EE

# Harmonies

## Analogous

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



E32FB8



FC0070



EE3E29

# Triad

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



FC0070



349400



0097FF

# Complementary

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



FC0070



00FC8C

# 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.



009EDA



FC0070



009C47

# Square

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



FC0070



8A8400



009F94



0084FF

# Rectangle

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



FC0070



D55C00



009F94



009AFC



# Sweetspot

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



FC0070



FFB3D5



8B00FC



805266



000000



808080



# Same Dimension

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



FC0070



FF0071



FC0D00



7D7076



BD0054



3D001B



# Inverse Universe

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



FC0070



FF0071



00EFFC



7D7076



BD0054



3D001B



# Previews

## White Background



This preview shows how the Hex color FC0070 looks on a white background.

## Color Contrast Check

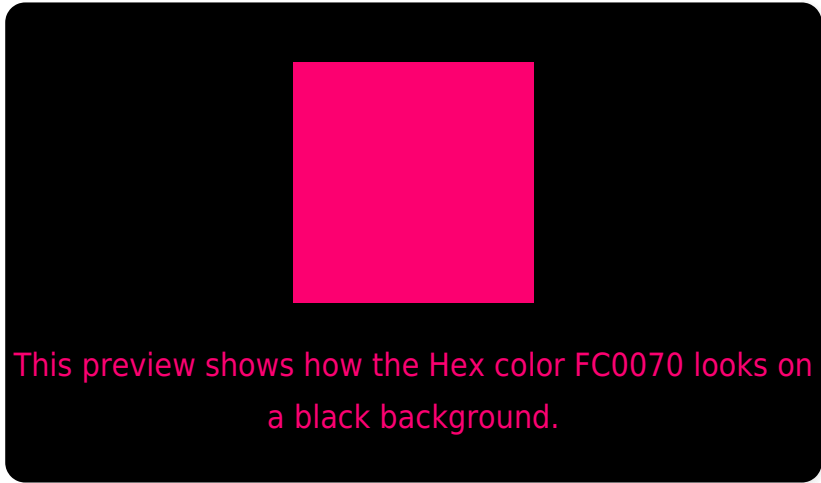
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0070 Background



This preview shows how black text looks on a background with the Hex color FC0070.

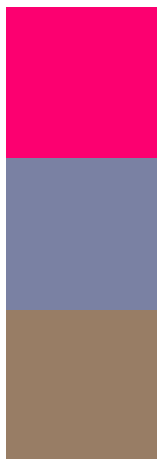


This preview shows how white text looks on a background with the Hex color FC0070.

# 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**  
FC0070

**Protanopia**  
7A81A3

**Deuteranopia**  
987D65



**Tritanopia**  
F92D2B

# Trichromacy



**Original Color**  
FC0070



**Protanomaly**  
A95290



**Deuteranomaly**  
BC5069



**Tritanomaly**  
FA1D44

# Monochromacy



**Original Color**  
FC0070



**Achromatopsia**  
585858



**Achromatomaly**  
943861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0070 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 #FC0070 looks like.

```
.text, #text, p{  
    color:#FC0070  
}
```

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 #FC0070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0070
}
```

## Border

The CSS property to change the border of an element to Hex FC0070 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
#FC0070 }
```

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

```
.border{ border-color:#FC0070 }
```

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

Here you see how a box with a 4 pixel #FC0070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0070; -webkit-box-shadow:4px 4px  
4px 4px #FC0070; box-shadow:4px 4px 4px  
4px #FC0070 }
```

# Background

The CSS property to change the background color of an element to Hex FC0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0070 }
```

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

```
.background{ background-color:#FC0070 }
```

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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