

# Converting Colors

Hex(FC0588)

Have a look what the booklet for  
Hex(FC0588) contains.

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**Color**

**Hex(FC0588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC0588
RGB	252, 5, 136
RGB Percent	99%, 2%, 53%
CMY	0.0118, 0.9804, 0.4667
CMYK	0.00, 0.98, 0.46, 0.01
HSL	328°, 98%, 50%
HSV	328°, 98%, 99%
XYZ	44.6431, 22.5816, 25.2983
YIQ	93.7870, 105.1610, 93.1050

# Conversions

## Conversions Part 2

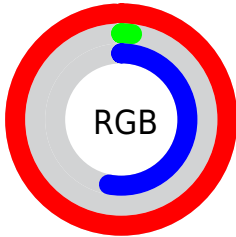
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 5, 136
Decimal	16516488
CIELab	54.64, 84.19, -1.16
CIELCh	55, 84.196, 359.209
Yxy	22.5816, 0.4825, 0.2441
Android (android.graphics.Color)	4294706568 (0xFFFC0588)
YUV	93.7870, 20.8110, 138.7528
Hunter-Lab	47.5201, 84.5331, 1.6998

# Details

The Hex color **FC0588** 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 **05FC79**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64BD**, and **BD0057** is the 20% darker color. If you saturate the color by 10%, you get **FC0086**, and if you desaturate by 10%, it is **FC1E94**.

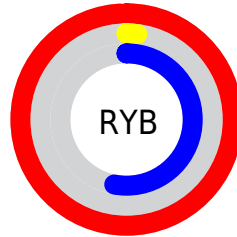
# Distribution



Red (99%)

Green (2%)

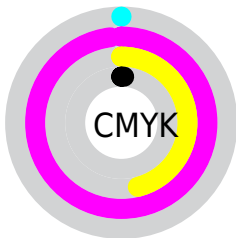
Blue (53%)



Red (99%)

Yellow (2%)

Blue (53%)

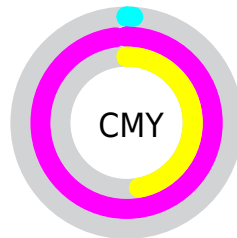


Cyan (0%)

Magenta (98%)

Yellow (46%)

Black (1%)



Cyan (1%)

Magenta (98%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0588 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 FC0588 by changing the saturation by 10% instead.



 FC0588

 FC0588

FFFFFF

 DC006F

 FF64BD

 BD0057

 FF84D9

 9D0040

 FFA3F5

 7E002A

 FFC2FF

 600016

 FFE0FF

 420003

 200001

 000000

 FC0588

 FC0588

 FC0086

 FC1E94

 FC37A0

 FC51AC

 FC6AB7

 FC83C3

 FC9CCF

 FCB5DB

 FCCFE7

 FCE8F3

# Harmonies

## Analogous

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



D542CF



FC0588



F92F41

# Triad

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



FC0588



579300



009CFF

# Complementary

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



FC0588



05FC79

# 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.



00A1C8



FC0588



009C30

# Square

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



FC0588



A07F00



00A17F



008DFF

# Rectangle

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



FC0588



E55106



00A17F



009FF1



# Sweetspot

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



FC0588



FFB5DC



7805FC



80536B



000000



808080



# Same Dimension

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



FC0588



FF0087



FC050D



7D7077



BD0064



3D0020



# Inverse Universe

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



FC0588



FF0087



05FCF4



7D7077



BD0064



3D0020



# Previews

## White Background



This preview shows how the Hex color FC0588 looks on a white background.

## Color Contrast Check

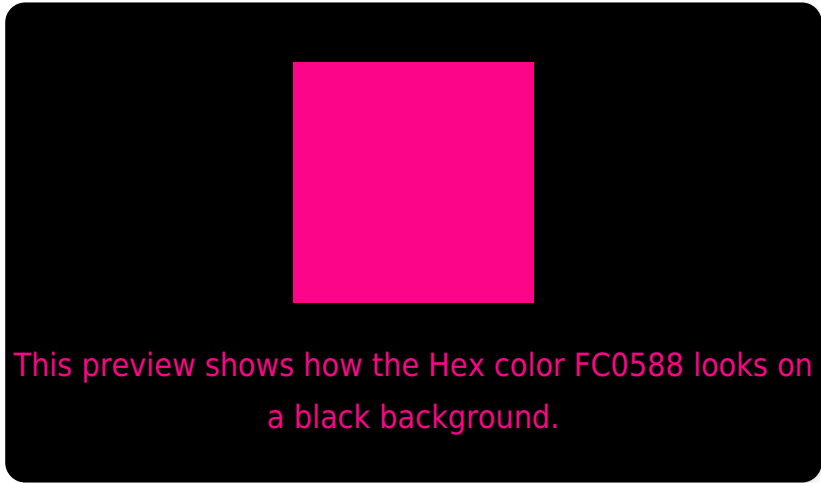
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0588 Background



This preview shows how black text looks on a background with the Hex color FC0588.



This preview shows how white text looks on a background with the Hex color FC0588.

# 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**  
F83637

# Trichromacy



**Original Color**  
FC0588



**Protanomaly**  
A255AE



**Deuteranomaly**  
B95381



**Tritanomaly**  
F92454

# Monochromacy



**Original Color**  
FC0588



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
973E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0588 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 #FC0588 looks like.

```
.text, #text, p{  
    color:#FC0588  
}
```

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 #FC0588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0588
}
```

## Border

The CSS property to change the border of an element to Hex FC0588 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
#FC0588 }
```

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

```
.border{ border-color:#FC0588 }
```

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

Here you see how a box with a 4 pixel #FC0588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0588; -webkit-box-shadow:4px 4px  
4px 4px #FC0588; box-shadow:4px 4px 4px  
4px #FC0588 }
```

# Background

The CSS property to change the background color of an element to Hex FC0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0588 }
```

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

```
.background{ background-color:#FC0588 }
```

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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