

# Converting Colors

Hex(FC0FC0)

Have a look what the booklet for  
Hex(FC0FC0) contains.

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**Color**

**Hex(FC0FC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC0FC0
RGB	252, 15, 192
RGB Percent	99%, 6%, 75%
CMY	0.0118, 0.9412, 0.2471
CMYK	0.00, 0.94, 0.24, 0.01
HSL	315°, 98%, 52%
HSV	315°, 94%, 99%
XYZ	49.8301, 24.8429, 52.0380
YIQ	106.0410, 84.4350, 105.2910

# Conversions

## Conversions Part 2

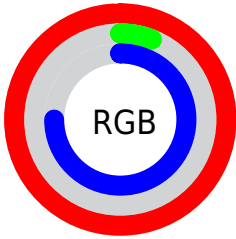
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 15, 192
Decimal	16519104
CIE <sub>Lab</sub>	56.92, 88.85, -30.64
CIE <sub>LCh</sub>	57, 93.986, 340.973
Yxy	24.8429, 0.3933, 0.1961
Android (android.graphics.Color)	4294709184 (0xFFFC0FC0)
YUV	106.0410, 42.3778, 128.0060
Hunter-Lab	49.8426, 91.2307, -27.0117

# Details

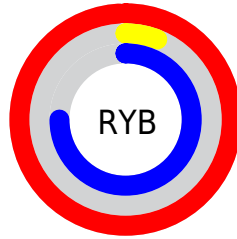
The Hex color **FC0FC0** is a light color, and the websafe version is hex **FF33CC**, and the color name is **shocking pink**. The color can be described as light saturated magenta. A complement of this color would be **0FFC4B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF69F9**, and **BE008A** is the 20% darker color. If you saturate the color by 10%, you get **FC00BC**, and if you desaturate by 10%, it is **FC28C6**.

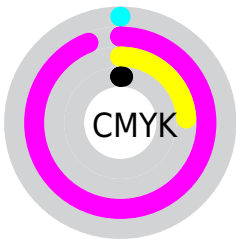
# Distribution



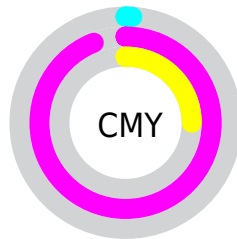
- Red (99%)
- Green (6%)
- Blue (75%)



- Red (99%)
- Yellow (6%)
- Blue (75%)



- Cyan (0%)
- Magenta (94%)
- Yellow (24%)
- Black (1%)



- Cyan (1%)
- Magenta (94%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0FC0 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 FC0FC0 by changing the saturation by 10% instead.



 FC0FC0

 FC0FC0

FFFFFF

 DD00A5

 FF69F9

 BE008A

 FF89FF

 A00070

 FFA8FF

 820058

 FFC7FF

 640040

 FFE5FF

 480029

 2A0013

 000000

 FC0FC0

 FC0FC0

 FC00BC

 FC28C6

 FC41CD

 FC5BD3

 FC74DA

 FC8DE0

 FCA6E6

 FCBFED

 FCD9F3

 FCF2F9

# Harmonies

## Analogous

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



AC60FF



FC0FC0



FF006F

# Triad

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



FC0FC0



8B8F00



00A9F4

# Complementary

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



FC0FC0



0FFC4B

# 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.



00AAA6



FC0FC0



0E9F00

# Square

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



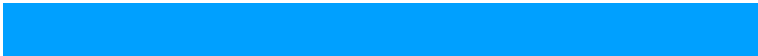
FC0FC0



CF7100



00A74F



00A0FF

# Rectangle

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



FC0FC0



FF213A



00A74F



00AADC



# Sweetspot

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



FC0FC0



FFB8ED



4A0FFC



805475



000000



808080



# Same Dimension

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



FC0FC0



FF00BE



FC0F4A



7D707A



BD008D



3D002E



# Inverse Universe

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



FC0FC0



FF00BE



0FFCC1



7D707A



BD008D



3D002E



# Previews

## White Background



This preview shows how the Hex color FC0FC0 looks on a white background.

## Color Contrast Check

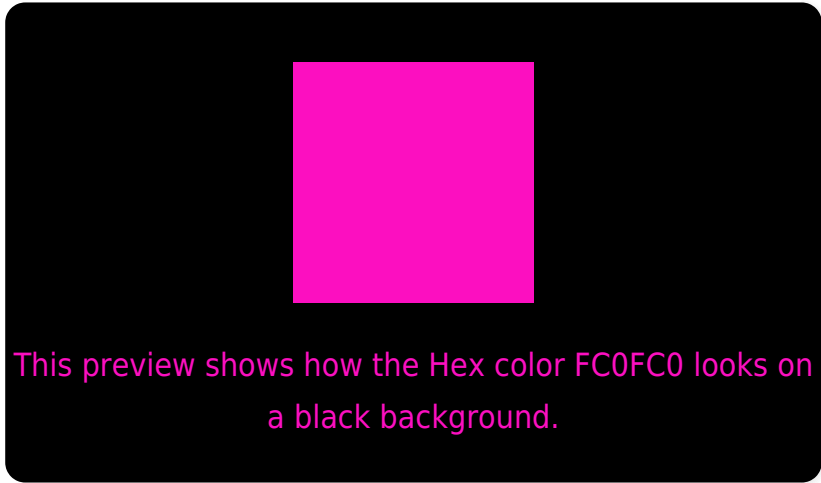
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0FC0 Background



This preview shows how black text looks on a background with the Hex color FC0FC0.



This preview shows how white text looks on a background with the Hex color FC0FC0.

# 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**  
F34C50

# Trichromacy



**Original Color**  
FC0FC0



**Protanomaly**  
8A5BE8



**Deuteranomaly**  
AD5BB8



**Tritanomaly**  
F63679

# Monochromacy



**Original Color**  
FC0FC0



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
9F4989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0FC0 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 #FC0FC0 looks like.

```
.text, #text, p{  
    color:#FC0FC0  
}
```

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 #FC0FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0FC0
}
```

## Border

The CSS property to change the border of an element to Hex FC0FC0 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
#FC0FC0 }
```

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

```
.border{ border-color:#FC0FC0 }
```

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

Here you see how a box with a 4 pixel #FC0FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0FC0; -webkit-box-shadow:4px 4px  
4px 4px #FC0FC0; box-shadow:4px 4px 4px  
4px #FC0FC0 }
```

# Background

The CSS property to change the background color of an element to Hex FC0FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0FC0 }
```

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

```
.background{ background-color:#FC0FC0 }
```

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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