

# Converting Colors

Hex(F01FC3)

Have a look what the booklet for  
Hex(F01FC3) contains.

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**Color**

**Hex(F01FC3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F01FC3                     |
| RGB         | 240, 31, 195               |
| RGB Percent | 94%, 12%, 76%              |
| CMY         | 0.0588, 0.8784, 0.2353     |
| CMYK        | 0.00, 0.87, 0.19, 0.06     |
| HSL         | 313°, 87%, 53%             |
| HSV         | 313°, 87%, 94%             |
| XYZ         | 46.2755, 23.4454, 53.7162  |
| YIQ         | 112.1870, 71.9200, 95.3120 |

# Conversions

## Conversions Part 2

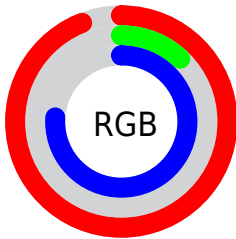
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 240, 31, 195                   |
| Decimal                             | 15736771                       |
| CIE Lab                             | 55.53, 85.03, -34.71           |
| CIE LCh                             | 56, 91.845, 337.797            |
| Yxy                                 | 23.4454, 0.3749,<br>0.1899     |
| Android<br>(android.graphics.Color) | 4293926851<br>(0xFFFF01FC3)    |
| YUV                                 | 112.1870, 40.8268,<br>112.0920 |
| Hunter-Lab                          | 48.4204, 85.8571,<br>-31.8803  |

# Details

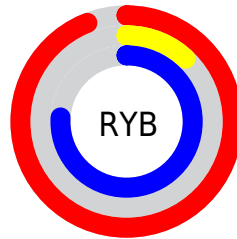
The Hex color **F01FC3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **1FF04C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6CFC**, and **B3008D** is the 20% darker color. If you saturate the color by 10%, you get **F007BE**, and if you desaturate by 10%, it is **F037C8**.

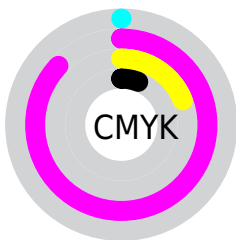
# Distribution



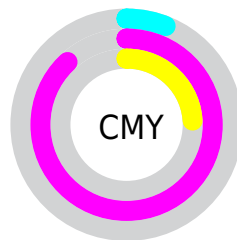
- Red (94%)
- Green (12%)
- Blue (76%)



- Red (94%)
- Yellow (12%)
- Blue (76%)



- Cyan (0%)
- Magenta (87%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (88%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F01FC3 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 F01FC3 by changing the saturation by 10% instead.



 F01FC3

 F01FC3

FFFFFF

 D100A8

 FF6CFC

 B3008D

 FF8BFF

 950073

 FFA9FF

 78005A

 FFC8FF

 5B0042

 FFE6FF

 3F002B

 200015

 000000

 F01FC3

 F01FC3

 F007BE

 F037C8

 F000BC

 F04FCD

 F067D3

 F07FD8

 F097DD

 F0AFE2

 F0C7E7

 F0DFEC

 F0F7F2

# Harmonies

## Analogous

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



9A63FF



F01FC3



FF0074

# Triad

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



F01FC3



8F8900



00A5E6

# Complementary

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



F01FC3



1FF04C

# 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.



00A599



F01FC3



2C9A00

# Square

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



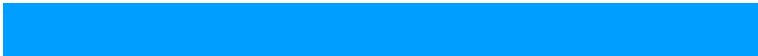
F01FC3



D06A00



00A244



009EFF

# Rectangle

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



F01FC3



FF1441



00A244



00A6CE



# Sweetspot

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



F01FC3



FFBDF1



491FF0



805877



000000



808080



# Same Dimension

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



F01FC3



FF00C8



F01F5E



786C75



B80090



38002C



# Inverse Universe

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



F01FC3



FF00C8



1FF0B1



786C75



B80090



38002C



# Previews

## White Background



This preview shows how the Hex color F01FC3 looks on a white background.

## Color Contrast Check

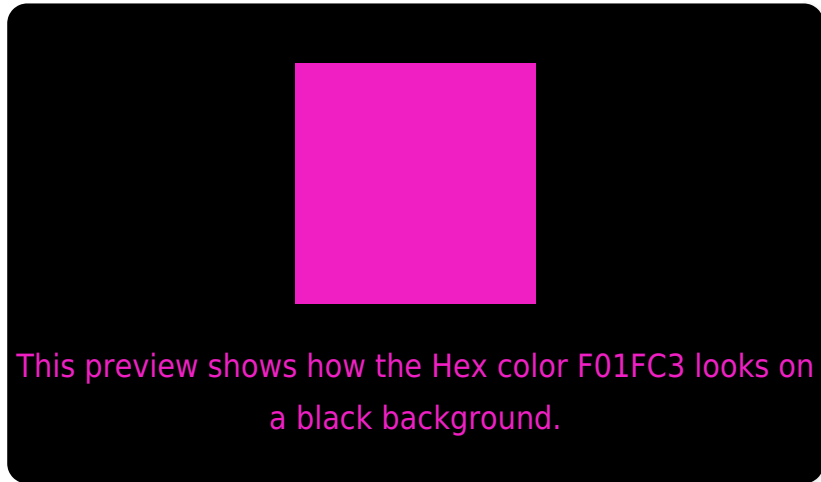
Large Text (above 18pt) WCAG AA ✓ Pass

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 F01FC3 Background



This preview shows how black text looks on a background with the Hex color F01FC3.



This preview shows how white text looks on a background with the Hex color F01FC3.

# 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**  
E75155

# Trichromacy



**Original Color**  
F01FC3



**Protanomaly**  
7F5EE9



**Deuteranomaly**  
A25FBB



**Tritanomaly**  
EA3F7D

# Monochromacy



**Original Color**  
F01FC3



**Achromatopsia**  
707070



**Achromatomaly**  
9F538E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F01FC3 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 #F01FC3 looks like.

```
.text, #text, p{  
    color:#F01FC3  
}
```

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 #F01FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01FC3
}
```

## Border

The CSS property to change the border of an element to Hex F01FC3 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
#F01FC3 }
```

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

```
.border{ border-color:#F01FC3 }
```

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

Here you see how a box with a 4 pixel #F01FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01FC3; -webkit-box-shadow:4px 4px  
4px 4px #F01FC3; box-shadow:4px 4px 4px  
4px #F01FC3 }
```

# Background

The CSS property to change the background color of an element to Hex F01FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01FC3 }
```

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

```
.background{ background-color:#F01FC3 }
```

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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