

Converting Colors

Hex(F01FC2)

Have a look what the booklet for
Hex(F01FC2) contains.

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Color

Hex(F01FC2)

Conversions

Conversions Part 1

Format	Color
Hex	F01FC2
RGB	240, 31, 194
RGB Percent	94%, 12%, 76%
CMY	0.0588, 0.8784, 0.2392
CMYK	0.00, 0.87, 0.19, 0.06
HSL	313°, 87%, 53%
HSV	313°, 87%, 94%
XYZ	46.1628, 23.4003, 53.1226
YIQ	112.0730, 72.2410, 95.0010

Conversions

Conversions Part 2

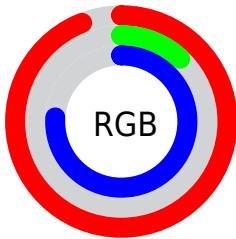
Format	Color
R _Y B	240, 31, 194
Decimal	15736770
CIE _{Lab}	55.48, 84.91, -34.20
CIE _{LCh}	55, 91.542, 338.061
Yxy	23.4003, 0.3763, 0.1907
Android (android.graphics.Color)	4293926850 (0xFFFF01FC2)
YUV	112.0730, 40.3900, 112.1920
Hunter-Lab	48.3738, 85.6869, -31.2487

Details

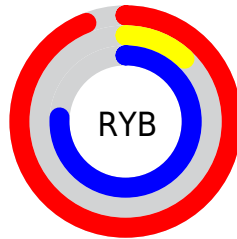
The Hex color **F01FC2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **1FF04D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6CFB**, and **B3008C** is the 20% darker color. If you saturate the color by 10%, you get **F007BD**, and if you desaturate by 10%, it is **F037C7**.

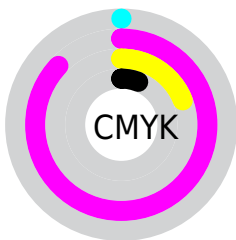
Distribution



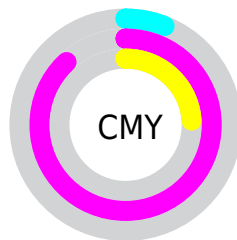
- Red (94%)
- Green (12%)
- Blue (76%)



- 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 F01FC2 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 F01FC2 by changing the saturation by 10% instead.

 F01FC2

 F01FC2

FFFFFF

 D100A7


 FF6CFB

 B3008C

 FF8BFF

 950072

 FFA9FF

 780059

 FFC8FF

 5B0041

 FFE6FF

 3F002B

 200014

 000000

 F01FC2

 F01FC2

 F007BD

 F037C7

 F000BB

 F04FCD

 F067D2

 F07FD7

 F097DC

 F0AFE2

 F0C7E7

 F0DFEC

 F0F7F2

Harmonies

Analogous

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



9B63FF



F01FC2



FF0073

Triad

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



F01FC2



8F8900



00A5E6

Complementary

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



F01FC2



1FF04D

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



F01FC2



2B9A00

Square

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



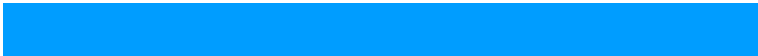
F01FC2



CF6A00



00A244



009DFF

Rectangle

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



F01FC2



FF1740



00A244



00A5CE

Sweetspot

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



F01FC2



FFBDF0



4C1FF0



805877



000000



808080

Same Dimension

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



F01FC2



FF00C7



F01F5A



786C75



B8008F



38002C

Inverse Universe

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



F01FC2



FF00C7



1FF0B5



786C75



B8008F



38002C

Previews

White Background



This preview shows how the Hex color F01FC2 looks on a white background.

Color Contrast Check

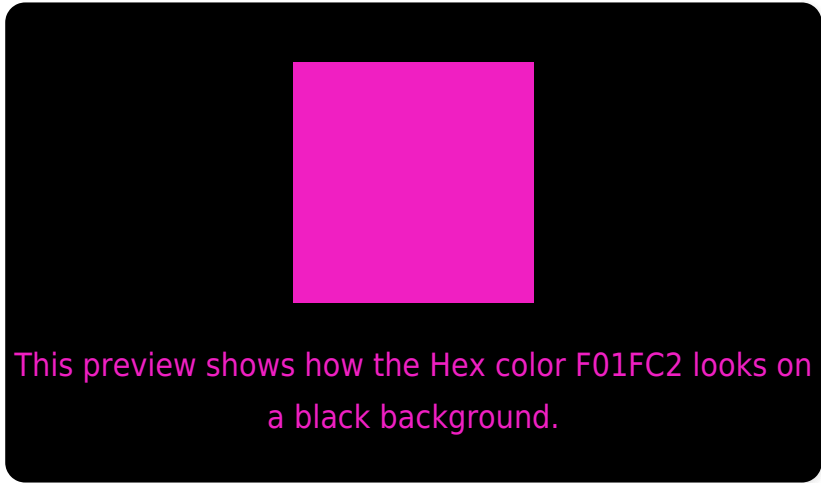
Large Text (above 18pt) WCAG AA ✓ Pass

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 F01FC2 Background



This preview shows how black text looks on a background with the Hex color F01FC2.



This preview shows how white text looks on a background with the Hex color F01FC2.

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
E75055

Trichromacy



Original Color
F01FC2



Protanomaly
7F5DE9



Deuteranomaly
A35FBA



Tritanomaly
EA3E7D

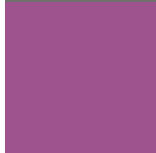
Monochromacy



Original Color
F01FC2



Achromatopsia
707070



Achromatomaly
9F538E

CSS Examples

Text

The CSS property to change the color of the text to Hex F01FC2 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 #F01FC2 looks like.

```
.text, #text, p{  
    color:#F01FC2  
}
```

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 #F01FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01FC2
}
```

Border

The CSS property to change the border of an element to Hex F01FC2 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
#F01FC2 }
```

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

```
.border{ border-color:#F01FC2 }
```

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

Here you see how a box with a 4 pixel #F01FC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01FC2; -webkit-box-shadow:4px 4px  
4px 4px #F01FC2; box-shadow:4px 4px 4px  
4px #F01FC2 }
```

Background

The CSS property to change the background color of an element to Hex F01FC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01FC2 }
```

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

```
.background{ background-color:#F01FC2 }
```

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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