

Converting Colors

Hex(FF02F0)

Have a look what the booklet for
Hex(FF02F0) contains.

Hex(FF02F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F02FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF02F0
RGB	255, 2, 240
RGB Percent	100%, 1%, 94%
CMY	0.0000, 0.9922, 0.0588
CMYK	0.00, 0.99, 0.06, 0.00
HSL	304°, 100%, 50%
HSV	304°, 99%, 100%
XYZ	56.9899, 27.5947, 84.7607
YIQ	104.7790, 74.3900, 127.6540

Conversions

Conversions Part 2

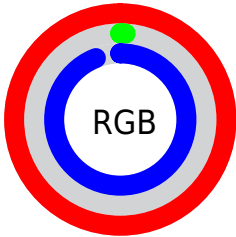
Format	Color
RYB	255, 2, 240
Decimal	16712432
CIELab	59.52, 96.10, -53.77
CIElCh	60, 110.123, 330.771
Yxy	27.5947, 0.3365, 0.1629
Android (android.graphics.Color)	4294902512 (0xFFFF02F0)
YUV	104.7790, 66.6640, 131.7438
Hunter-Lab	52.5306, 101.7239, -58.8958

Details

The Hex color **FF02F0** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **02FF11**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF69FF**, and **C100B7** is the 20% darker color. If you saturate the color by 10%, you get **FF00F0**, and if you desaturate by 10%, it is **FF1BF2**.

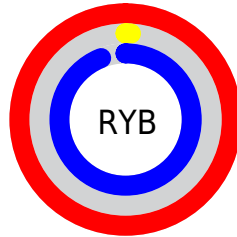
Distribution



Red (100%)

Green (1%)

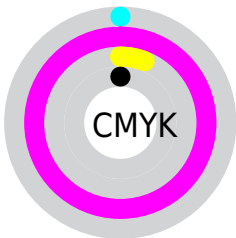
Blue (94%)



Red (100%)

Yellow (1%)

Blue (94%)

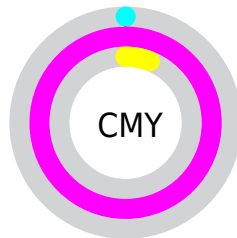


Cyan (0%)

Magenta (99%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (99%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF02F0 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 FF02F0 by changing the saturation by 10% instead.

 FF02F0

 FF02F0

FFFFFF

 E000D3

 FF69FF

 C100B7

 FF8AFF

 A3009C

 FFAAFF

 850081

 FFC9FF

 670067

 FFE8FF

 4B004E

 2C0036

 000020

 000003

 FF02F0

 FF02F0

 FF00F0

 FF1BF2

 FF35F3

 FF4FF5

 FF68F6

 FF82F8

 FF9BF9

 FFB4FB

 FFCEFC

 FFE8FE

Harmonies

Analogous

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



7573FF



FF02F0



FF0092

Triad

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



FF02F0



AC8D00



00B5F1

Complementary

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



FF02F0



02FF11

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.



00B48F



FF02F0



41A500

Square

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



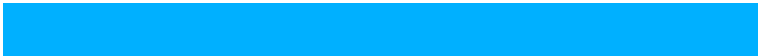
FF02F0



F66000



00AF1E



00B0FF

Rectangle

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



FF02F0



FF0053



00AF1E



00B5D2

Sweetspot

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



FF02F0



FFB3FA



0F02FF



80527D



000000



808080

Same Dimension

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



FF02F0



FF00F0



FF0274



80737F



BF00B4



40003C

Inverse Universe

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



FF02F0



FF00F0



02FF8D



80737F



BF00B4



40003C

Previews

White Background



This preview shows how the Hex color FF02F0 looks on a white background.

Color Contrast Check

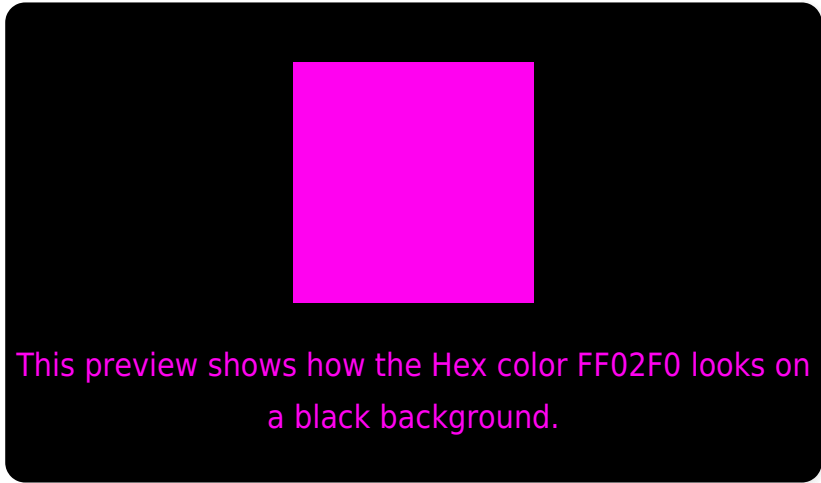
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF02F0 Background



This preview shows how black text looks on a background with the Hex color FF02F0.



This preview shows how white text looks on a background with the Hex color FF02F0.

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
F15E64

Trichromacy



Original Color
FF02F0



Protanomaly
955AFA



Deuteranomaly
9D5CE6



Tritanomaly
F63D97

Monochromacy



Original Color
FF02F0



Achromatopsia
696969



Achromatomaly
A0449A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF02F0 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 #FF02F0 looks like.

```
.text, #text, p{  
    color:#FF02F0  
}
```

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 #FF02F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF02F0
}
```

Border

The CSS property to change the border of an element to Hex FF02F0 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
#FF02F0 }
```

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

```
.border{ border-color:#FF02F0 }
```

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

Here you see how a box with a 4 pixel #FF02F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF02F0; -webkit-box-shadow:4px 4px  
4px 4px #FF02F0; box-shadow:4px 4px 4px  
4px #FF02F0 }
```

Background

The CSS property to change the background color of an element to Hex FF02F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF02F0 }
```

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

```
.background{ background-color:#FF02F0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor