

Converting Colors

Hex(F000FF)

Have a look what the booklet for
Hex(F000FF) contains.

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Color

Hex(F000FF)

Conversions

Conversions Part 1

Format	Color
Hex	F000FF
RGB	240, 0, 255
RGB Percent	94%, 0%, 100%
CMY	0.0588, 1.0000, 0.0000
CMYK	0.06, 1.00, 0.00, 0.00
HSL	296°, 100%, 50%
HSV	296°, 100%, 100%
XYZ	53.9852, 25.7453, 96.7317
YIQ	100.8300, 61.1850, 130.1850

Conversions

Conversions Part 2

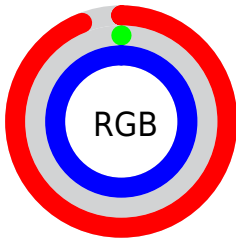
Format	Color
R_{YB}	240, 0, 255
Decimal	15728895
CIE _{Lab}	57.79, 96.00, -65.03
CIE _{LCh}	58, 115.952, 325.885
Yxy	25.7453, 0.3059, 0.1459
Android (android.graphics.Color)	4293918975 (0xFFFF00FF)
YUV	100.8300, 76.0058, 122.0521
Hunter-Lab	50.7398, 101.1225, -77.5142

Details

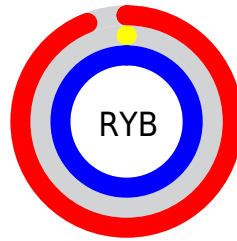
The Hex color **F000FF** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **0FFF00**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF67FF**, and **B300C5** is the 20% darker color. If you saturate the color by 10%, you get **F000FF**, and if you desaturate by 10%, it is **F219FF**.

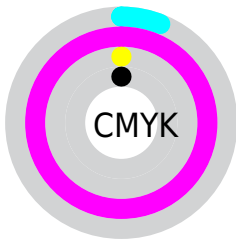
Distribution



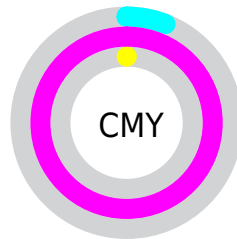
- Red (94%)
- Green (0%)
- Blue (100%)



- Red (94%)
- Yellow (0%)
- Blue (100%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color F000FF 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 F000FF by changing the saturation by 10% instead.

 F000FF

 F000FF

FFFFFF

 D100E2

 FF67FF

 B300C5

 FF87FF

 9400A9

 FFA7FF

 76008E

 FFC6FF

 580074

 FFE5FF

 3C005A

 1A0041

 00032A

 000114

 F000FF

 F219FF

 F333FF

 F54DFF

 F666FF

 F880FF

 F999FF

 FBB3FF

 FCCCF

 FEE6FF

Harmonies

Analogous

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



0077FF



F000FF



FF009E

Triad

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



F000FF



B58300



00B2E2

Complementary

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



F000FF



00FF00

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.



00AF79



F000FF



4E9E00

Square

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



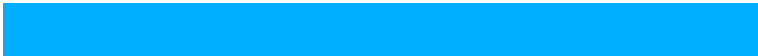
F000FF



FE4A00



00AA00



00AFFF

Rectangle

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



F000FF



FF005C



00AA00



00B1C0

Sweetspot

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



F000FF



FBB3FF



0011FF



7D5280



000000



808080

Same Dimension

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



F000FF



FF0090



7F7380



B400BF



3C0040

Inverse Universe

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



FF000F



00FF6F



807373



BF000B



400004

Previews

White Background



This preview shows how the Hex color F000FF looks on a white background.

Color Contrast Check

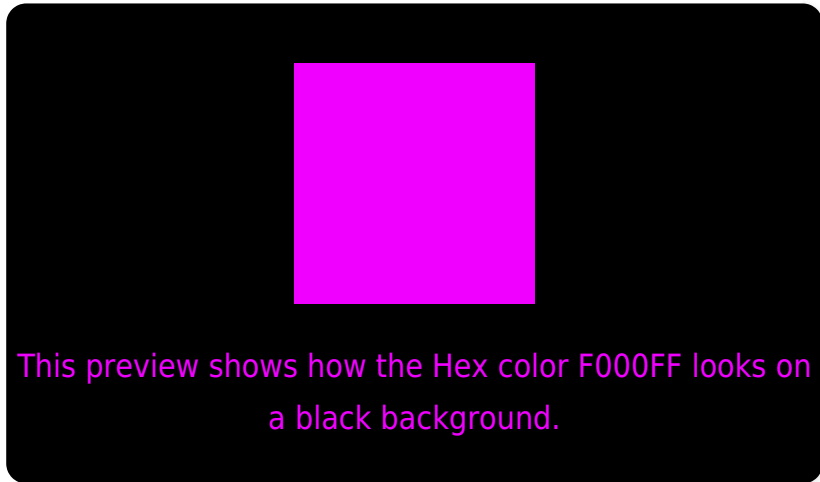
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00FF Background



This preview shows how black text looks on a background with the Hex color F00FF.



This preview shows how white text looks on a background with the Hex color F00FF.

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
DF646B

Trichromacy



Original Color
F000FF



Protanomaly
8957FF



Deuteranomaly
805AF5



Tritanomaly
E540A1

Monochromacy



Original Color
F000FF



Achromatopsia
656565



Achromatomaly
98409D

CSS Examples

Text

The CSS property to change the color of the text to Hex F000FF 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 #F000FF looks like.

```
.text, #text, p{  
    color:#F000FF  
}
```

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 #F000FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000FF
}
```

Border

The CSS property to change the border of an element to Hex F000FF 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
#F000FF }
```

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

```
.border{ border-color:#F000FF }
```

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

Here you see how a box with a 4 pixel #F000FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000FF; -webkit-box-shadow:4px 4px  
4px 4px #F000FF; box-shadow:4px 4px 4px  
4px #F000FF }
```

Background

The CSS property to change the background color of an element to Hex F000FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F000FF }
```

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

```
.background{ background-color:#F000FF }
```

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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