

Converting Colors

Hex(F400FF)

Have a look what the booklet for
Hex(F400FF) contains.

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Color

Hex(F400FF)

Conversions

Conversions Part 1

Format	Color
Hex	F400FF
RGB	244, 0, 255
RGB Percent	96%, 0%, 100%
CMY	0.0431, 1.0000, 0.0000
CMYK	0.04, 1.00, 0.00, 0.00
HSL	297°, 100%, 50%
HSV	297°, 100%, 100%
XYZ	55.3582, 26.4531, 96.7960
YIQ	102.0260, 63.5690, 131.0330

Conversions

Conversions Part 2

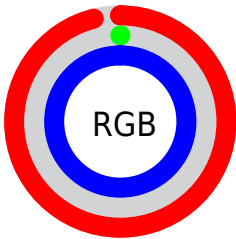
Format	Color
R_{YB}	244, 0, 255
Decimal	15991039
CIE _{Lab}	58.46, 96.59, -63.92
CIE _{LCh}	58, 115.825, 326.505
Yxy	26.4531, 0.3099, 0.1481
Android (android.graphics.Color)	4294181119 (0xFFFF400FF)
YUV	102.0260, 75.4162, 124.5112
Hunter-Lab	51.4326, 102.1172, -75.5809

Details

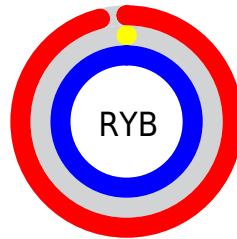
The Hex color **F400FF** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **0BFF00**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF68FF**, and **B600C5** is the 20% darker color. If you saturate the color by 10%, you get **F400FF**, and if you desaturate by 10%, it is **F519FF**.

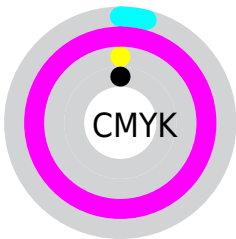
Distribution



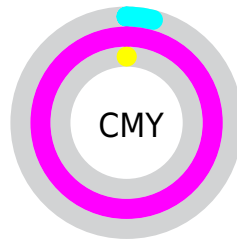
- Red (96%)
- Green (0%)
- Blue (100%)



- Red (96%)
- Yellow (0%)
- Blue (100%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color F400FF 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 F400FF by changing the saturation by 10% instead.

 F400FF

 F400FF

FFFFFF

 D500E2

 FF68FF

 B600C5

 FF88FF

 9800A9

 FFA8FF

 7A008E

 FFC7FF

 5C0074

 FFE6FF

 40005A

 1F0041

 00002A

 000114

 F400FF

 F519FF

 F633FF

 F74DFF

 F866FF

 FA80FF

 FB99FF

 FCB3FF

 FDCCFF

 FEE6FF

Harmonies

Analogous

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



2877FF



F400FF



FF009D

Triad

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



F400FF



B58500



00B3E6

Complementary

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



F400FF



0BFF00

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.



00B27D



F400FF



4DA000

Square

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



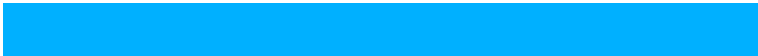
F400FF



FF4E00



00AC00



00B0FF

Rectangle

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



F400FF



FF005B



00AC00



00B3C4

Sweetspot

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



F400FF



FCB3FF



000DFF



7E5280



000000



808080

Same Dimension

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



F400FF



FF008C



7F7380



B700BF



3D0040

Inverse Universe

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



FF000B



00FF73



807373



BF0008



400003

Previews

White Background



This preview shows how the Hex color F400FF looks on a white background.

Color Contrast Check

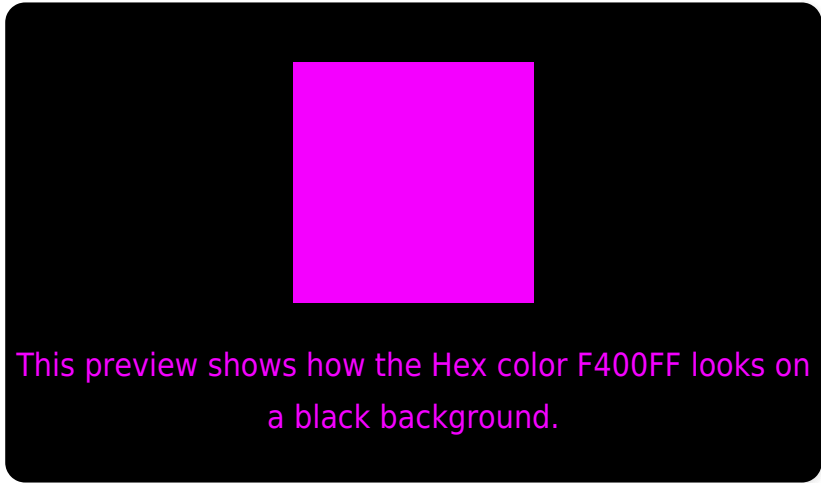
Large Text (above 18pt) WCAG AA ✓ Pass

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 F400FF Background



This preview shows how black text looks on a background with the Hex color F400FF.



This preview shows how white text looks on a background with the Hex color F400FF.

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



Original Color
F400FF

Protanopia
528AFF

Deuteranopia
478FF0



Tritanopia
E3646B

Trichromacy



Original Color
F400FF



Protanomaly
8D58FF



Deuteranomaly
865BF5



Tritanomaly
E940A1

Monochromacy



Original Color
F400FF



Achromatopsia
666666



Achromatomaly
9A419E

CSS Examples

Text

The CSS property to change the color of the text to Hex F400FF 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 #F400FF looks like.

```
.text, #text, p{  
    color:#F400FF  
}
```

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 #F400FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F400FF
}
```

Border

The CSS property to change the border of an element to Hex F400FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

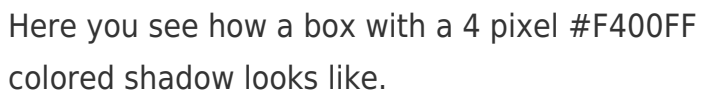
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F400FF }
```

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

```
.border{ border-color:#F400FF }
```

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



Here you see how a box with a 4 pixel #F400FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F400FF; -webkit-box-shadow:4px 4px  
4px 4px #F400FF; box-shadow:4px 4px 4px  
4px #F400FF }
```

Background

The CSS property to change the background color of an element to Hex F400FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F400FF }
```

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

```
.background{ background-color:#F400FF }
```

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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