

Converting Colors

Hex(FB70FF)

Have a look what the booklet for
Hex(FB70FF) contains.

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Color

Hex(FB70FF)

Conversions

Conversions Part 1

Format	Color
Hex	FB70FF
RGB	251, 112, 255
RGB Percent	98%, 44%, 100%
CMY	0.0157, 0.5608, 0.0000
CMYK	0.02, 0.56, 0.00, 0.00
HSL	298°, 100%, 72%
HSV	298°, 56%, 100%
XYZ	63.6278, 39.3176, 98.8432
YIQ	169.8630, 36.9410, 73.9410

Conversions

Conversions Part 2

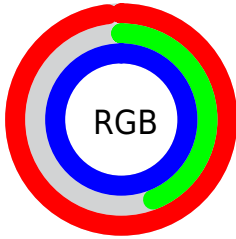
Format	Color
RYB	251, 112, 255
Decimal	16478463
CIELab	68.98, 71.10, -47.14
CIElCh	69, 85.303, 326.457
Yxy	39.3176, 0.3153, 0.1948
Android (android.graphics.Color)	4294668543 (0xFFFB70FF)
YUV	169.8630, 41.9725, 71.1571
Hunter-Lab	62.7037, 71.3992, -49.5694

Details

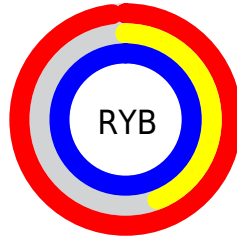
The Hex color **FB70FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **74FF70**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFAAFF**, and **BF33C6** is the 20% darker color. If you saturate the color by 10%, you get **FA57FF**, and if you desaturate by 10%, it is **FC8AFF**.

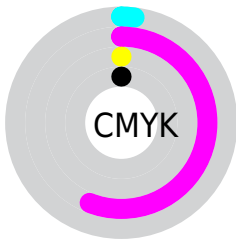
Distribution



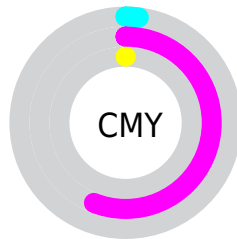
- Red (98%)
- Green (44%)
- Blue (100%)



- Red (98%)
- Yellow (44%)
- Blue (100%)



- Cyan (2%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB70FF 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 FB70FF by changing the saturation by 10% instead.

 FB70FF

FFFFFF

 FFAAFF

 FFC7FF

 FFE4FF

 FB70FF

 DD53E2

 BF33C6

 A201AA

 86008F

 6A0075

 4E005C

 350043

 14002C

 000116

 FB70FF

 FB70FF

 FA57FF

 FC8AFF

 FA3DFF

 FCA3FF

 F923FF

 FDBDFF

 F80AFF

 FED6FF

 F800FF

 FFF0FF

 FFFFFFFF

Harmonies

Analogous

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



8F98FF



FB70FF



FF50B5

Triad

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



FB70FF



D2A200



00CAEB

Complementary

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



FB70FF



74FF70

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.



00CA9C



FB70FF



87B800

Square

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



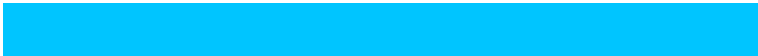
FB70FF



FF811C



00C44C



00C5FF

Rectangle

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



FB70FF



FF5282



00C44C



00CBD2

Sweetspot

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



FB70FF



FED4FF



7075FF



7F6680



000000



808080

Same Dimension

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



FB70FF



FA54FF



FF70BC



7F7380



BA00BF



3E0040

Inverse Universe

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



FF7074



FF5459



70FFB3



807373



BF0005



400002

Previews

White Background



This preview shows how the Hex color FB70FF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FB70FF Background



This preview shows how black text looks on a background with the Hex color FB70FF.

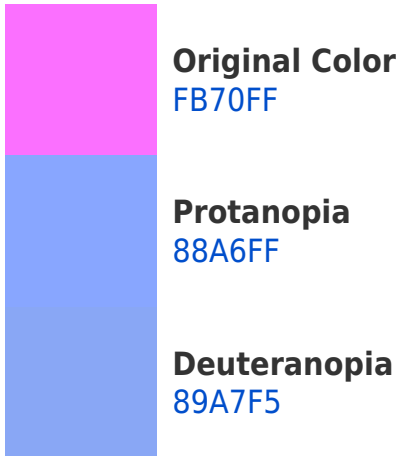


This preview shows how white text looks on a background with the Hex color FB70FF.

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](#).

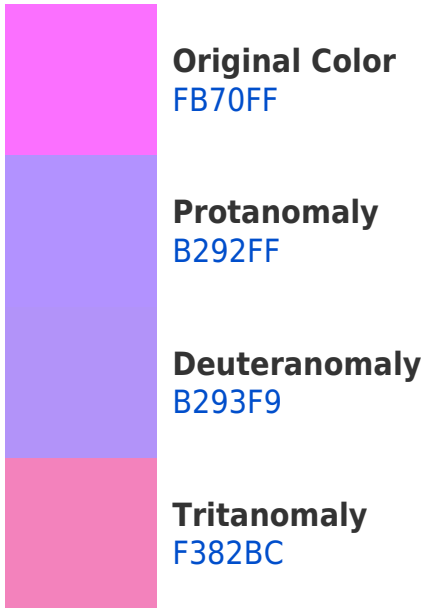
Dichromacy



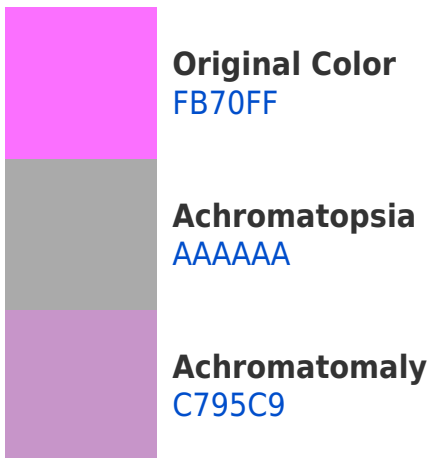


Tritanopia
EE8C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB70FF 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 #FB70FF looks like.

```
.text, #text, p{  
    color:#FB70FF  
}
```

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 #FB70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB70FF
}
```

Border

The CSS property to change the border of an element to Hex FB70FF 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
#FB70FF }
```

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

```
.border{ border-color:#FB70FF }
```

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

Here you see how a box with a 4 pixel #FB70FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB70FF; -webkit-box-shadow:4px 4px  
4px 4px #FB70FF; box-shadow:4px 4px 4px  
4px #FB70FF }
```

Background

The CSS property to change the background color of an element to Hex FB70FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB70FF }
```

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

```
.background{ background-color:#FB70FF }
```

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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