

Converting Colors

Hex(FF70FD)

Have a look what the booklet for
Hex(FF70FD) contains.

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Color

Hex(F770FD)

Conversions

Conversions Part 1

Format	Color
Hex	FF70FD
RGB	255, 112, 253
RGB Percent	100%, 44%, 99%
CMY	0.0000, 0.5608, 0.0078
CMYK	0.00, 0.56, 0.01, 0.00
HSL	301°, 100%, 72%
HSV	301°, 56%, 100%
XYZ	64.7638, 39.9402, 97.2243
YIQ	170.8310, 39.9670, 74.1670

Conversions

Conversions Part 2

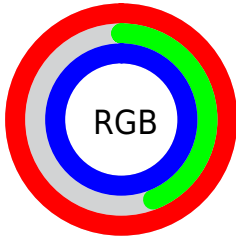
Format	Color
R _Y B	255, 112, 253
Decimal	16740605
CIE _{Lab}	69.43, 71.76, -45.30
CIE _{LCh}	69, 84.866, 327.736
Yxy	39.9402, 0.3207, 0.1978
Android (android.graphics.Color)	4294930685 (0xFFFF70FD)
YUV	170.8310, 40.5093, 73.8162
Hunter-Lab	63.1983, 72.3248, -46.9731

Details

The Hex color **FF70FD** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **70FF72**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFAAFF**, and **C333C4** is the 20% darker color. If you saturate the color by 10%, you get **FF57FD**, and if you desaturate by 10%, it is **FF8AFD**.

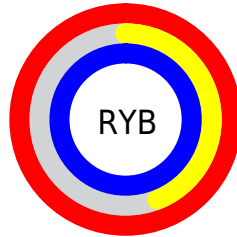
Distribution



Red (100%)

Green (44%)

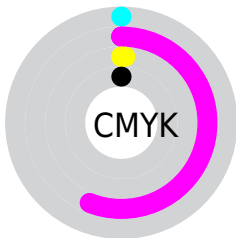
Blue (99%)



Red (100%)

Yellow (44%)

Blue (99%)

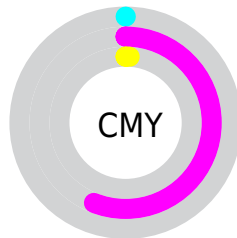


Cyan (0%)

Magenta (56%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF70FD 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 FF70FD by changing the saturation by 10% instead.

 FF70FD

 FF70FD

FFFFFF

 E153E0

 FFAAFF

 C333C4

 FFC7FF

 A600A8

 FFE5FF

 89008D

 6D0073

 51005A

 380042

 19002B

 000115

 FF70FD

 FF70FD

 FF57FD

 FF8AFD

 FF3DFC

 FFA3FE

 FF23FC

 FFBDFE

 FF0AFC

 FFD6FE

 FF00FB

 FFF0FF

 FFFFFFFF

Harmonies

Analogous

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



9798FF



FF70FD



FF52B3

Triad

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



FF70FD



D0A400



00CBEF

Complementary

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



FF70FD



70FF72

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.



00CBA1



FF70FD



85BA00

Square

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



FF70FD



FF841A



00C651



00C5FF

Rectangle

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



FF70FD



FF5680



00C651



00CCD6

Sweetspot

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



FF70FD



FFD4FE



7070FF



80667F



000000



808080

Same Dimension

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



FF70FD



FF54FD



FF70B8



80737F



BF00BD



40003F

Inverse Universe

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



FF70FD



FF54FD



70FFB8



80737F



BF00BD



40003F

Previews

White Background



This preview shows how the Hex color FF70FD looks on a white background.

Color Contrast Check

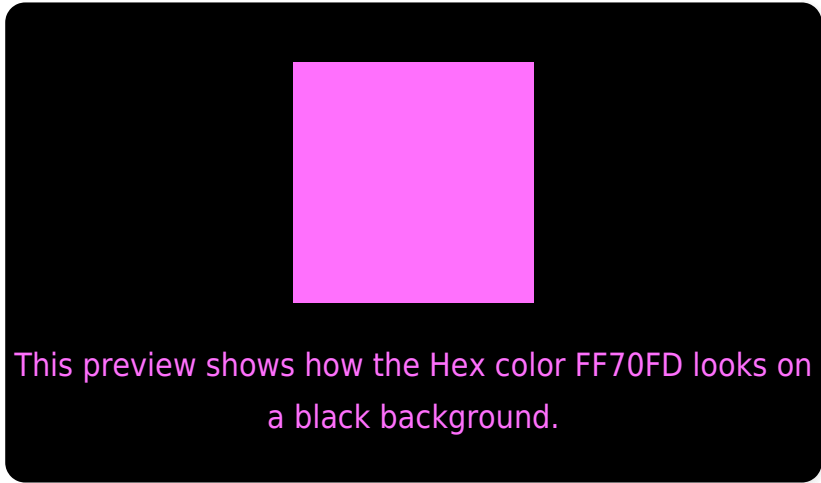
Large Text (above 18pt) WCAG AA × Fail

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

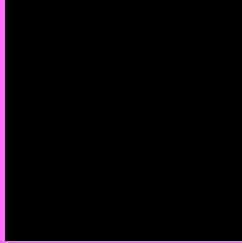
Any Text WCAG AA ✓ Pass

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 FF70FD Background



This preview shows how black text looks on a background with the Hex color FF70FD.

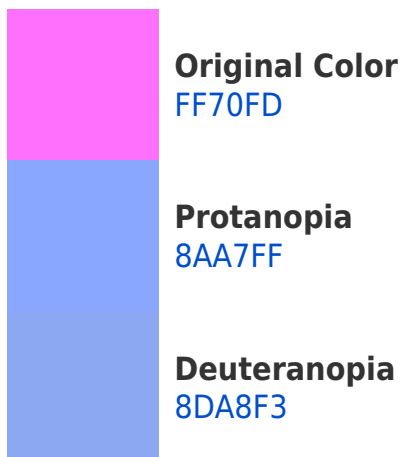


This preview shows how white text looks on a background with the Hex color FF70FD.

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](#).

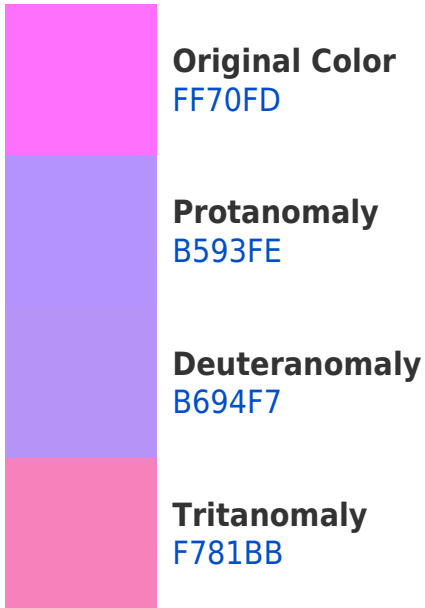
Dichromacy



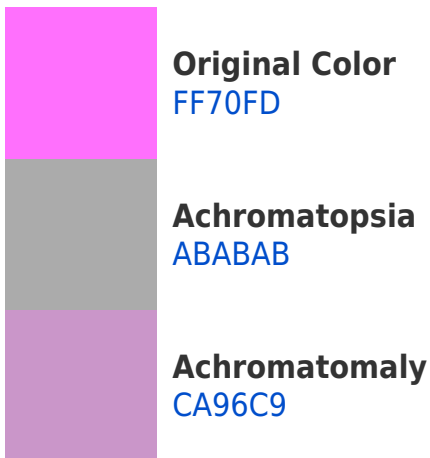


Tritanopia
F38B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF70FD 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 #FF70FD looks like.

```
.text, #text, p{  
    color:#FF70FD  
}
```

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 #FF70FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF70FD
}
```

Border

The CSS property to change the border of an element to Hex FF70FD 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
#FF70FD }
```

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

```
.border{ border-color:#FF70FD }
```

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

Here you see how a box with a 4 pixel #FF70FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF70FD; -webkit-box-shadow:4px 4px  
4px 4px #FF70FD; box-shadow:4px 4px 4px  
4px #FF70FD }
```

Background

The CSS property to change the background color of an element to Hex FF70FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF70FD }
```

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

```
.background{ background-color:#FF70FD }
```

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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