

Converting Colors

Hex(FF5BFB)

Have a look what the booklet for
Hex(FF5BFB) contains.

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Color

Hex(F5BFB)

Conversions

Conversions Part 1

Format	Color
Hex	FF5BFB
RGB	255, 91, 251
RGB Percent	100%, 36%, 98%
CMY	0.0000, 0.6431, 0.0157
CMYK	0.00, 0.64, 0.02, 0.00
HSL	301°, 100%, 68%
HSV	301°, 64%, 100%
XYZ	62.3937, 35.7072, 94.8705
YIQ	158.2760, 46.3840, 84.5280

Conversions

Conversions Part 2

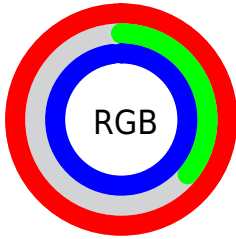
Format	Color
R _Y B	255, 91, 251
Decimal	16735227
CIE _{Lab}	66.30, 79.83, -49.13
CIE _{LCh}	66, 93.735, 328.387
Yxy	35.7072, 0.3233, 0.1850
Android (android.graphics.Color)	4294925307 (0xFFFF5BFB)
YUV	158.2760, 45.7129, 84.8269
Hunter-Lab	59.7555, 81.8085, -52.3025

Details

The Hex color **FF5BFB** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5BFF5F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF97FF**, and **C303C2** is the 20% darker color. If you saturate the color by 10%, you get **FF42FA**, and if you desaturate by 10%, it is **FF75FC**.

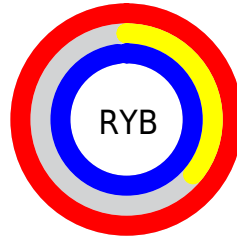
Distribution



Red (100%)

Green (36%)

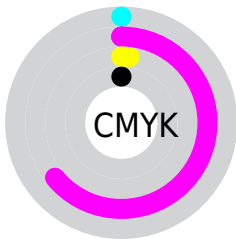
Blue (98%)



Red (100%)

Yellow (36%)

Blue (98%)

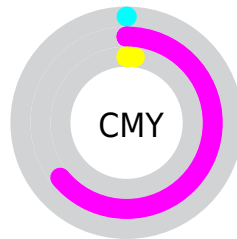


Cyan (0%)

Magenta (64%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5BFB 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 FF5BFB by changing the saturation by 10% instead.

 FF5BFB

 FF5BFB

FFFFFF

 E13ADE

 FF97FF

 C303C2

 FFB5FF

 A500A6

 FFD3FF

 88008B

 FFF1FF

 6B0071

 4F0058

 340040

 120029

 000112

 FF5BFB

 FF5BFB

 FF42FA

 FF75FC

 FF28FA

 FF8EFC

 FF0FF9

 FFA8FD

 FF00F9

 FFC1FD

 FFDBFE

 FFF4FF

FFFFFF

Harmonies

Analogous

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



8A8DFE



FF5BFB



FF29AA

Triad

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



FF5BFB



C79C00



00C5F0

Complementary

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



FF5BFB



5BFF5F

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.



00C49A



FF5BFB



73B300

Square

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



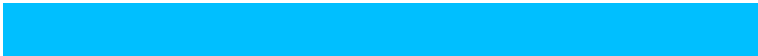
FF5BFB



FF7700



00BF40



00BFFF

Rectangle

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



FF5BFB



FF3472



00BF40



00C5D4

Sweetspot

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



FF5BFB



FFCFFE



5E5BFF



80627F



000000



808080

Same Dimension

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



FF5BFB



FF3BFA



FF5BAA



80737F



BF00BB



40003E

Inverse Universe

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



FF5BFB



FF3BFA



5BFFB0



80737F



BF00BB



40003E

Previews

White Background



This preview shows how the Hex color FF5BFB looks on a white background.

Color Contrast Check

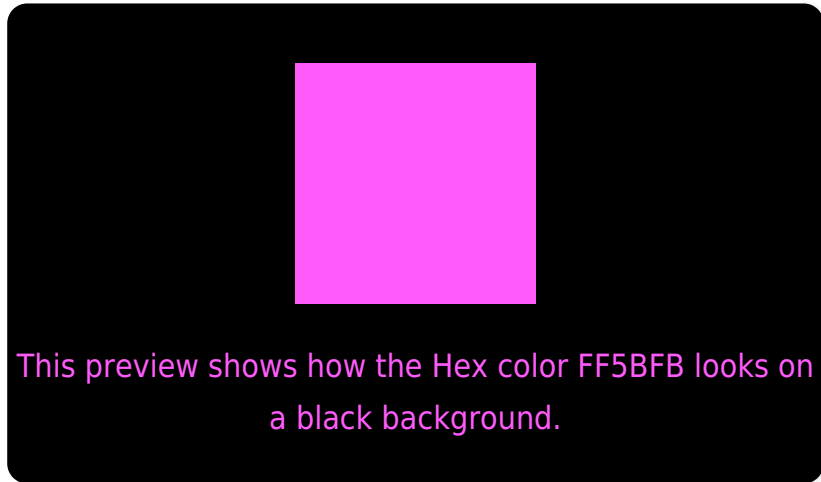
Large Text (above 18pt) WCAG AA × Fail

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 FF5BFB Background



This preview shows how black text looks on a background with the Hex color FF5BFB.



This preview shows how white text looks on a background with the Hex color FF5BFB.

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](#).

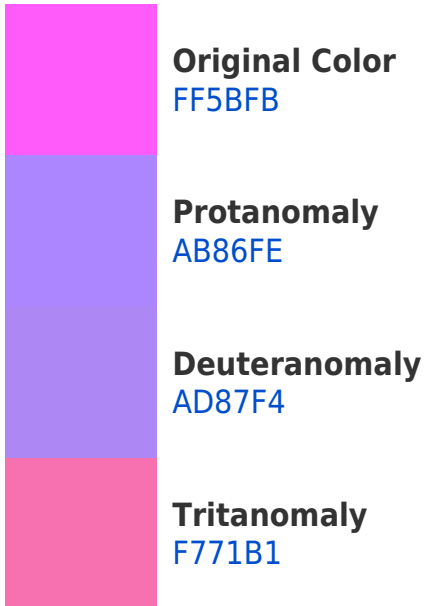
Dichromacy



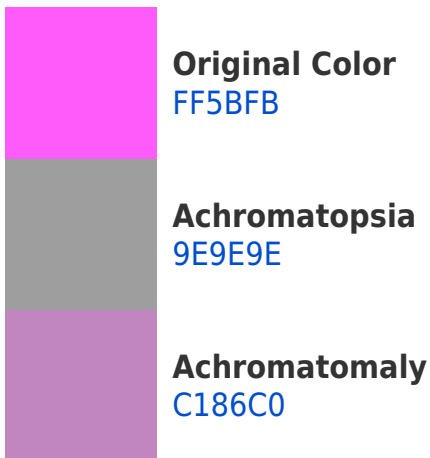


Tritanopia
F27E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5BFB 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 #FF5BFB looks like.

```
.text, #text, p{  
    color:#FF5BFB  
}
```

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 #FF5BFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5BFB
}
```

Border

The CSS property to change the border of an element to Hex FF5BFB 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
#FF5BFB }
```

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

```
.border{ border-color:#FF5BFB }
```

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

Here you see how a box with a 4 pixel #FF5BFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5BFB; -webkit-box-shadow:4px 4px  
4px 4px #FF5BFB; box-shadow:4px 4px 4px  
4px #FF5BFB }
```

Background

The CSS property to change the background color of an element to Hex FF5BFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5BFB }
```

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

```
.background{ background-color:#FF5BFB }
```

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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