

Converting Colors

Hex(FB4CFF)

Have a look what the booklet for
Hex(FB4CFF) contains.

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Color

Hex(FB4CFF)

Conversions

Conversions Part 1

Format	Color
Hex	FB4CFF
RGB	251, 76, 255
RGB Percent	98%, 30%, 100%
CMY	0.0157, 0.7020, 0.0000
CMYK	0.02, 0.70, 0.00, 0.00
HSL	299°, 100%, 65%
HSV	299°, 70%, 100%
XYZ	60.4181, 32.8981, 97.7733
YIQ	148.7310, 46.8410, 92.7690

Conversions

Conversions Part 2

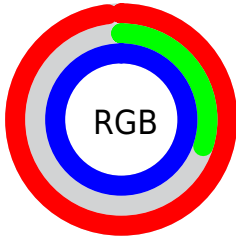
Format	Color
RYB	251, 76, 255
Decimal	16469247
CIELab	64.08, 84.75, -54.89
CIElCh	64, 100.968, 327.071
Yxy	32.8981, 0.3162, 0.1722
Android (android.graphics.Color)	4294659327 (0xFFFB4CFF)
YUV	148.7310, 52.3906, 89.6899
Hunter-Lab	57.3569, 87.6523, -60.9188

Details

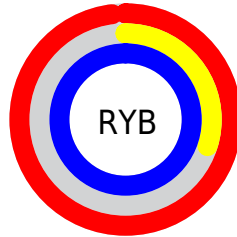
The Hex color **FB4CFF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **50FF4C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF8BFF**, and **BE00C5** is the 20% darker color. If you saturate the color by 10%, you get **FA33FF**, and if you desaturate by 10%, it is **FC66FF**.

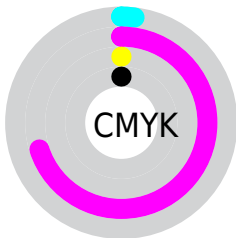
Distribution



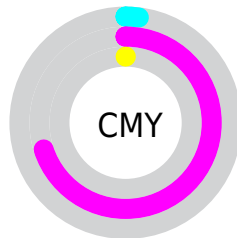
- Red (98%)
- Green (30%)
- Blue (100%)



- Red (98%)
- Yellow (30%)
- Blue (100%)



- Cyan (2%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB4CFF 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 FB4CFF by changing the saturation by 10% instead.

 FB4CFF

FFFFFF

 FF8BFF

 FFA9FF

 FFC7FF

 FFE5FF

 FB4CFF

 DC24E2

 BE00C5

 A100AA

 83008F

 660074

 4A005B

 2D0042

 05002B

 000115

 FB4CFF

 FB4CFF

 FA33FF

 FC66FF

 FA19FF

 FC7FFF

 F900FF

 FD99FF

 FDB2FF

 FECCFF

 FEE5FF

FFFFFF

Harmonies

Analogous

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



7187FF



FB4CFF



FF00A8

Triad

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



FB4CFF



C49500



00C0EC

Complementary

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



FB4CFF



50FF4C

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.



00BF90



FB4CFF



6BAD00

Square

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



FB4CFF



FF6B00



00BA2A



00BBFF

Rectangle

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



FB4CFF



FF006D



00BA2A



00C1CE

Sweetspot

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



FB4CFF



FEC9FF



4C52FF



7F6080



000000



808080

Same Dimension

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



FB4CFF



FA29FF



FF4CAB



7F7380



BB00BF



3E0040

Inverse Universe

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



FF4C50



FF292E



4CFFA0



807373



BF0004



400001

Previews

White Background



This preview shows how the Hex color FB4CFF looks on a white background.

Color Contrast Check

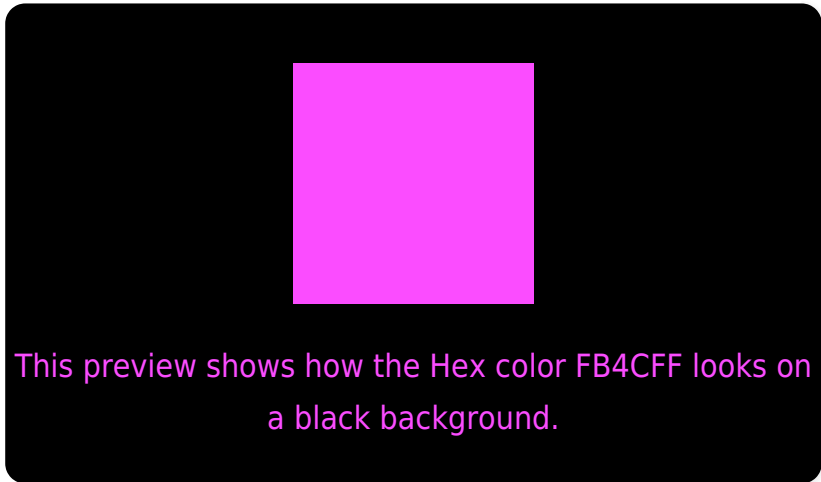
Large Text (above 18pt) WCAG AA × Fail

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

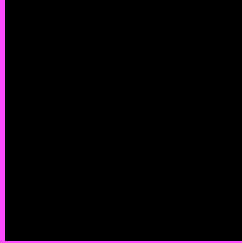
Any Text WCAG AA ✓ Pass

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 FB4CFF Background



This preview shows how black text looks on a background with the Hex color FB4CFF.




This preview shows how white text looks on a background with the Hex color FB4CFF.

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](#).

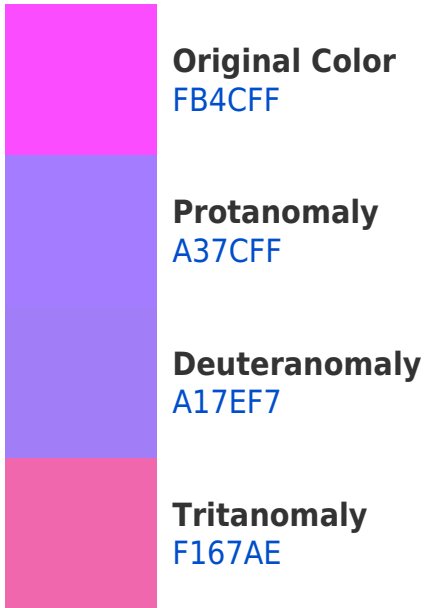
Dichromacy



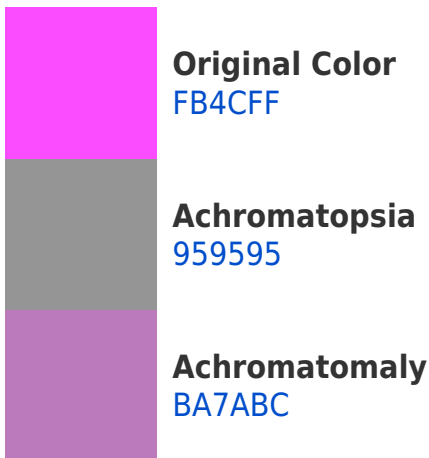


Tritanopia
EC777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB4CFF 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 #FB4CFF looks like.

```
.text, #text, p{  
    color:#FB4CFF  
}
```

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 #FB4CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB4CFF
}
```

Border

The CSS property to change the border of an element to Hex FB4CFF 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
#FB4CFF }
```

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

```
.border{ border-color:#FB4CFF }
```

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

Here you see how a box with a 4 pixel #FB4CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB4CFF; -webkit-box-shadow:4px 4px  
4px 4px #FB4CFF; box-shadow:4px 4px 4px  
4px #FB4CFF }
```

Background

The CSS property to change the background color of an element to Hex FB4CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB4CFF }
```

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

```
.background{ background-color:#FB4CFF }
```

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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