

Converting Colors

Hex(FFBDFF)

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

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Color

Hex(FFBDFF)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDFF
RGB	255, 189, 255
RGB Percent	100%, 74%, 100%
CMY	0.0000, 0.2588, 0.0000
CMYK	0.00, 0.26, 0.00, 0.00
HSL	300°, 100%, 87%
HSV	300°, 26%, 100%
XYZ	77.4876, 64.8752, 103.0459
YIQ	216.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

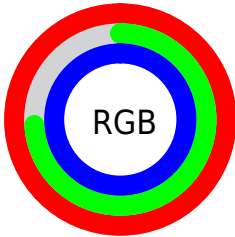
Format	Color
R _Y B	255, 189, 255
Decimal	16760319
CIE _{Lab}	84.42, 34.25, -23.22
CIE _{LCh}	84, 41.380, 325.860
Y _{xy}	64.8752, 0.3157, 0.2644
Android (android.graphics.Color)	4294950399 (0xFFFFBDF5)
Y _{UV}	216.2580, 19.0998, 33.9767
Hunter-Lab	80.5451, 30.7700, -19.4714

Details

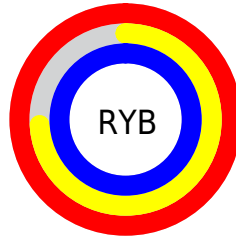
The Hex color **FFBDFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BDFFB**D, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFF6FF**, and **C587C6** is the 20% darker color. If you saturate the color by 10%, you get **FFA4FF**, and if you desaturate by 10%, it is **FFD7FF**.

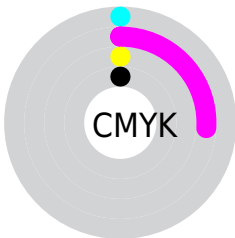
Distribution



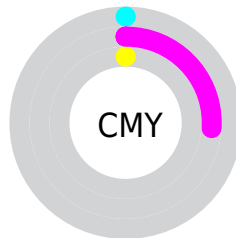
- Red (100%)
- Green (74%)
- Blue (100%)



- Red (100%)
- Yellow (74%)
- Blue (100%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color `FFBDF5` 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 `FFBDF5` by changing the saturation by 10% instead.

 FFBDFE

 FFBDFE

FFFFFF

 E2A2E2

 FFF6FF

 C587C6

 AA6DAB

 8F5490

 743B76

 5B235D

 420A46

 2B002F

 0B001A

 #FFBDFD

 #FFBDFD

 #FFA4FF

 #FFD7FF

 #FF8AFF

 #FFF0FF

 #FF71FF

#FFFFFF

 #FF57FF

 #FF3EFF

 #FF24FF

 #FF0BFF

 #FF00FF

Harmonies

Analogous

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



D0CBFF



FFBDFD



FFB5DA

Triad

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



FFBDFD



F2CE84



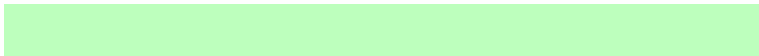
42E7F3

Complementary

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



FFBDFD



BDFDFF

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.



6BE7CC



FFBDFD



CADB8B

Square

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



FFBDFD



FFC193



9CE3A6



55E2FF

Rectangle

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



FFBDFD



FFB5BF



9CE3A6



4CE8E7

Sweetspot

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



FFBDFF



FFEBFF



BDBDFF



807380



000000



808080

Same Dimension

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



FFBDFF



FFB0FF



FFBDDE



807380



BF00BF



400040

Inverse Universe

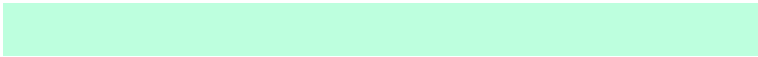
The Inverse Universe completely reimagines the original color for something new.



FFBDFD



FFB0FF



BDFDDE



807380



BF00BF



400040

Previews

White Background



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

Color Contrast Check

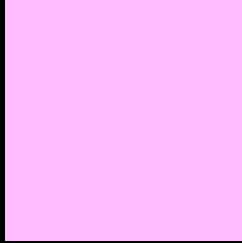
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFBDFE looks on a 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 FFBDFE Background



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

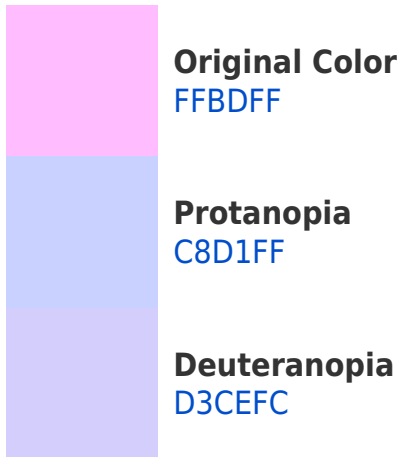


This preview shows how white text looks on a background with the Hex color FFBDFE.

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
F9C5D4

Trichromacy



Original Color
FFBDFE



Protanomaly
DCCAFF



Deuteranomaly
E3C8FD

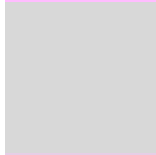


Tritanomaly
FBC2E4

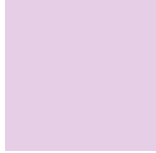
Monochromacy



Original Color
FFBDFE



Achromatopsia
D8D8D8



Achromatomaly
E6CEE6

CSS Examples

Text

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

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

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 #FFBDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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