

# Converting Colors

Hex(FDB7FA)

Have a look what the booklet for  
Hex(FDB7FA) contains.

<b>Hex(FDB7FA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(FDB7FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDB7FA
RGB	253, 183, 250
RGB Percent	99%, 72%, 98%
CMY	0.0078, 0.2824, 0.0196
CMYK	0.00, 0.28, 0.01, 0.01
HSL	303°, 95%, 85%
HSV	303°, 28%, 99%
XYZ	74.6968, 61.6517, 98.4055
YIQ	211.5680, 20.2130, 35.6770

# Conversions

## Conversions Part 2

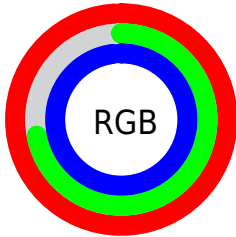
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 183, 250
Decimal	16627706
CIE <sub>Lab</sub>	82.73, 35.86, -23.15
CIE <sub>LCh</sub>	83, 42.684, 327.161
Yxy	61.6517, 0.3182, 0.2626
Android (android.graphics.Color)	4294817786 (0xFFFDB7FA)
YUV	211.5680, 18.9470, 36.3359
Hunter-Lab	78.5186, 32.4041, -19.3437

# Details

The Hex color **FDB7FA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7FDBA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFF0FF**, and **C381C1** is the 20% darker color. If you saturate the color by 10%, you get **FD9EF9**, and if you desaturate by 10%, it is **FDD0FB**.

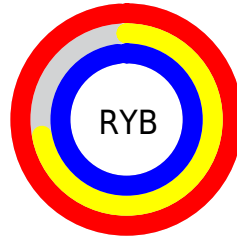
# Distribution



Red (99%)

Green (72%)

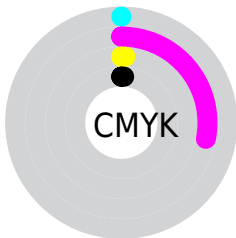
Blue (98%)



Red (99%)

Yellow (72%)

Blue (98%)

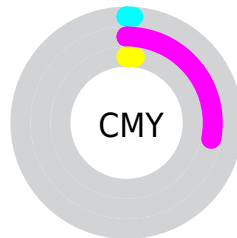


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (28%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDB7FA 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 FDB7FA by changing the saturation by 10% instead.



 FDB7FA

 FDB7FA

FFFFFF

 E09CDD

 FFF0FF

 C381C1

 A867A6

 8D4E8C

 723672

 591D59

 400242

 2A002B

 000016

 #FDB7FA

 #FDB7FA

 #FD9EF9

 #FDD0FB

 #FD84F8

 #FDEAFC

 #FD6BF7

 #FDFFFD

 #FD52F6

 #FDFFFE

 #FD39F5

 #FDFFFF

 #FD1FF3

 #FD06F2

 #FD00F2

# Harmonies

## Analogous

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



CDC5FF



FDB7FA



FFAFD3

# Triad

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



FDB7FA



ECCA7D



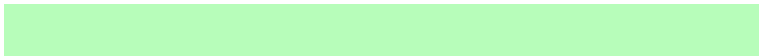
2AE3F1

# Complementary

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



FDB7FA



B7FDBA

# 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.



5FE3C9



FDB7FA



C3D785

# Square

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



FDB7FA



FFBC8C



94DFA1



48DDFF

# Rectangle

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



FDB7FA



FFB0B8



94DFA1



39E3E4



# Sweetspot

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



FDB7FA



FFEBFE



B9B7FD



80737F



000000



808080



# Same Dimension

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



FDB7FA



FFABFB



FDB7D8



80737F



BF00B7



40003D



# Inverse Universe

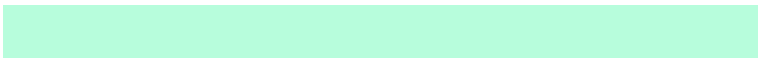
The Inverse Universe completely reimagines the original color for something new.



FDB7FA



FFABFB



B7FDDC



80737F



BF00B7



40003D



# Previews

## White Background



This preview shows how the Hex color FDB7FA looks on a white background.

## Color Contrast Check

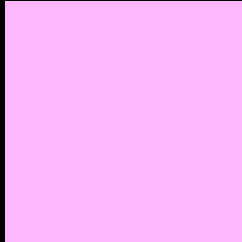
Large Text (above 18pt) WCAG AA × Fail

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 FDB7FA 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 FDB7FA Background



This preview shows how black text looks on a background with the Hex color FDB7FA.

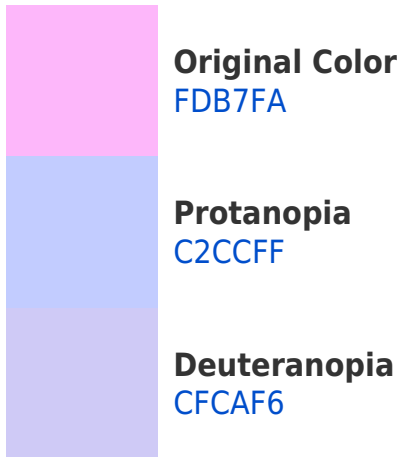


This preview shows how white text looks on a background with the Hex color FDB7FA.

# 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**  
F7BFCE

# Trichromacy



**Original Color**  
FDB7FA



**Protanomaly**  
D7C4FD



**Deuteranomaly**  
E0C3F7

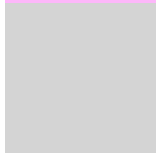


**Tritanomaly**  
F9BCDE

# Monochromacy



**Original Color**  
FDB7FA



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
E3C9E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDB7FA 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 #FDB7FA looks like.

```
.text, #text, p{  
    color:#FDB7FA  
}
```

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 #FDB7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB7FA }  
}
```

## Border

The CSS property to change the border of an element to Hex FDB7FA 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 #FDB7FA }  
}
```

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

```
.border{ border-color:#FDB7FA }
```

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

Here you see how a box with a 4 pixel #FDB7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB7FA; -webkit-box-shadow:4px 4px  
4px 4px #FDB7FA; box-shadow:4px 4px 4px  
4px #FDB7FA }
```

# Background

The CSS property to change the background color of an element to Hex FDB7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB7FA }
```

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

```
.background{ background-color:#FDB7FA }
```

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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