

# Converting Colors

Hex(FFBBF4)

Have a look what the booklet for  
Hex(FFBBF4) contains.

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# **Color**

**Hex(FFBBF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBBF4
RGB	255, 187, 244
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2667, 0.0431
CMYK	0.00, 0.27, 0.04, 0.00
HSL	310°, 100%, 87%
HSV	310°, 27%, 100%
XYZ	75.3395, 63.3323, 93.8415
YIQ	213.8300, 22.2310, 32.1430

# Conversions

## Conversions Part 2

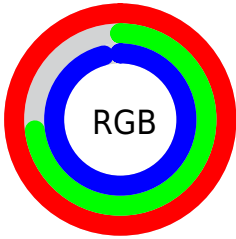
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 187, 244
Decimal	16759796
CIE Lab	83.62, 33.35, -18.58
CIE LCh	84, 38.176, 330.881
Yxy	63.3323, 0.3240, 0.2724
Android (android.graphics.Color)	4294949876 (0xFFFFBBF4)
YUV	213.8300, 14.8738, 36.1061
Hunter-Lab	79.5816, 29.7172, -14.2068

# Details

The Hex color **FFBBF4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBFFC6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFF4FF**, and **C585BC** is the 20% darker color. If you saturate the color by 10%, you get **FFA2F0**, and if you desaturate by 10%, it is **FFD4F8**.

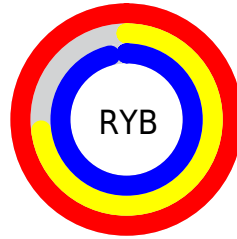
# Distribution



Red (100%)

Green (73%)

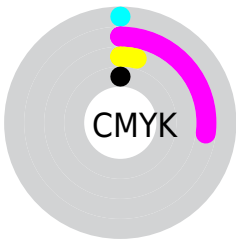
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

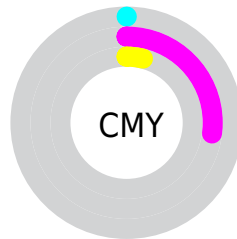


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBBF4 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 FFBBF4 by changing the saturation by 10% instead.



 FFBBF4

 FFBBF4

FFFFFF

 E2A0D8

 FFF4FF

 C585BC

 AA6BA1

 8F5286

 743A6D

 5B2255

 42083D

 2B0027

 070011

 FFBBF4

 FFBBF4

 FFA2F0

 FFD4F8

 FF88EC

 FFEEFC

 FF6EE8

FFFFFF

 FF55E4

 FF3BDF

 FF22DB

 FF08D7

 FF00D6

# Harmonies

## Analogous

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



D7C7FF



FFBBF4



FFB5D1

# Triad

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



FFBBF4



E8CF88



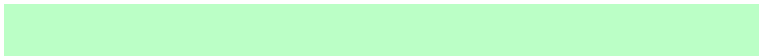
54E3F4

# Complementary

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



FFBBF4



BBFFC6

# 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.



6EE4D0



FFBBF4



C2D992

# Square

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



FFBBF4



FFC293



98E1AC



6CDDFF

# Rectangle

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



FFBBF4



FFB6B9



98E1AC



58E4E9



# Sweetspot

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



FFBBF4



FFEBFC



C5BBFF



80737D



000000



808080



# Same Dimension

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



FFBBF4



FFADF2



FFBBD3



80737D



BF00A0



400035



# Inverse Universe

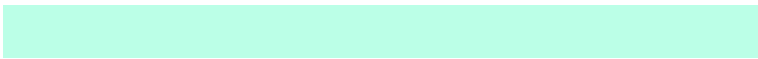
The Inverse Universe completely reimagines the original color for something new.



FFBBF4



FFADF2



BBFFE7



80737D



BF00A0



400035



# Previews

## White Background



This preview shows how the Hex color FFBBF4 looks on a white background.

## Color Contrast Check

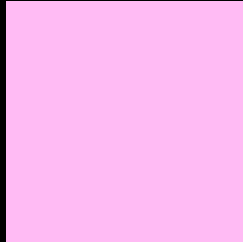
Large Text (above 18pt) WCAG AA × Fail

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 FFBBF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

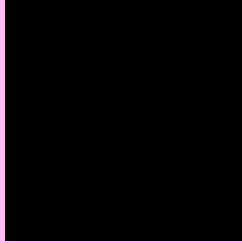
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFBBF4 Background



This preview shows how black text looks on a background with the Hex color FFBBF4.

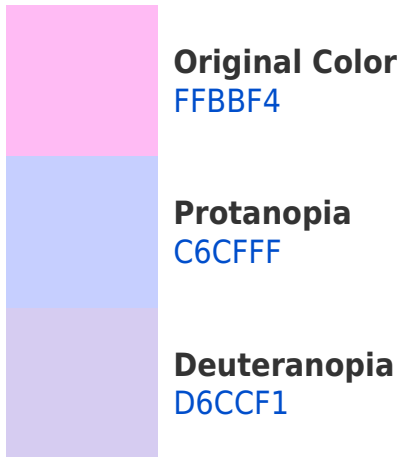


This preview shows how white text looks on a background with the Hex color FFBBF4.

# 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





# Trichromacy



**Original Color**  
FFBBF4



**Protanomaly**  
DBC8FB



**Deuteranomaly**  
E5C6F2

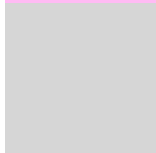


**Tritanomaly**  
FCBFDD

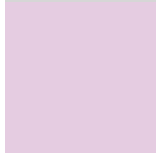
# Monochromacy



**Original Color**  
FFBBF4



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
E5CCE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFBBF4 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 #FFBBF4 looks like.

```
.text, #text, p{  
    color:#FFBBF4  
}
```

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 #FFBBF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBBF4
}
```

## Border

The CSS property to change the border of an element to Hex FFBBF4 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
#FFBBF4 }
```

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

```
.border{ border-color:#FFBBF4 }
```

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

Here you see how a box with a 4 pixel #FFBBF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBBF4; -webkit-box-shadow:4px 4px  
4px 4px #FFBBF4; box-shadow:4px 4px 4px  
4px #FFBBF4 }
```

# Background

The CSS property to change the background color of an element to Hex FFBBF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBBF4 }
```

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

```
.background{ background-color:#FFBBF4 }
```

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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