

# Converting Colors

Hex(FFB4F4)

Have a look what the booklet for  
Hex(FFB4F4) contains.

<b>Hex(FFB4F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FFB4F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB4F4
RGB	255, 180, 244
RGB Percent	100%, 71%, 96%
CMY	0.0000, 0.2941, 0.0431
CMYK	0.00, 0.29, 0.04, 0.00
HSL	309°, 100%, 85%
HSV	309°, 29%, 100%
XYZ	73.8904, 60.4342, 93.3585
YIQ	209.7210, 24.1560, 35.8040

# Conversions

## Conversions Part 2

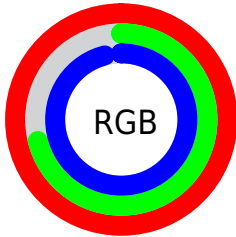
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 180, 244
Decimal	16758004
CIE <sub>Lab</sub>	82.07, 37.02, -20.91
CIE <sub>LCh</sub>	82, 42.515, 330.538
Yxy	60.4342, 0.3245, 0.2654
Android (android.graphics.Color)	4294948084 (0xFFFFB4F4)
<b>YUV</b>	209.7210, 16.8995, 39.7097
Hunter-Lab	77.7394, 33.6181, -16.7847

# Details

The Hex color **FFB4F4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B4FFBF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFEDFF**, and **C57EBC** is the 20% darker color. If you saturate the color by 10%, you get **FF9BF0**, and if you desaturate by 10%, it is **FFCEF8**.

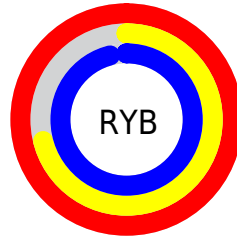
# Distribution



Red (100%)

Green (71%)

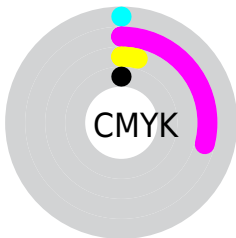
Blue (96%)



Red (100%)

Yellow (71%)

Blue (96%)

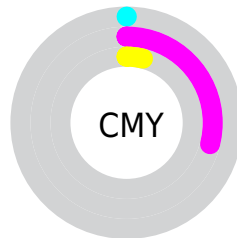


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB4F4 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 FFB4F4 by changing the saturation by 10% instead.



 FFB4F4

FFFFFF

 FFEDFF

 FFB4F4

 E299D8

 C57EBC

 A964A1

 8E4B86

 74336D

 5A1A54

 41003D

 2B0027

 000011

 #FFB4F4

 #FFB4F4

 #FF9BF0

 #FFCEF8

 #FF81ED

 #FFE7FB

 #FF68E9

#FFFFFF

 #FF4EE5

 #FF35E1

 #FF1BDE

 #FF02DA

 #FF00DA

# Harmonies

## Analogous

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



D2C2FF



FFB4F4



FFADCD

# Triad

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



FFB4F4



E6CA7C



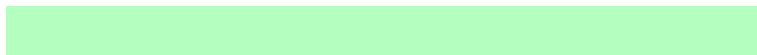
25E0F3

# Complementary

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



FFB4F4



B4FFBF

# 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.



57E1CB



FFB4F4



BCD686

# Square

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



FFB4F4



FFBC88



8CDEA4



4EDBF4

# Rectangle

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



FFB4F4



FFAEB2



8CDEA4



32E1E7



# Sweetspot

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



FFB4F4



FFE8FC



BEB4FF



80717D



000000



808080



# Same Dimension

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



FFB4F4



FFA6F2



FFB4D0



80737E



BF00A3



400036



# Inverse Universe

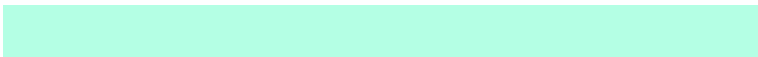
The Inverse Universe completely reimagines the original color for something new.



FFB4F4



FFA6F2



B4FFE4



80737E



BF00A3



400036



# Previews

## White Background



This preview shows how the Hex color FFB4F4 looks on a white background.

## Color Contrast Check

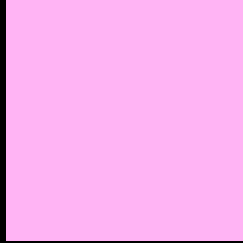
Large Text (above 18pt) WCAG AA × Fail

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 FFB4F4 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 FFB4F4 Background



This preview shows how black text looks on a background with the Hex color FFB4F4.

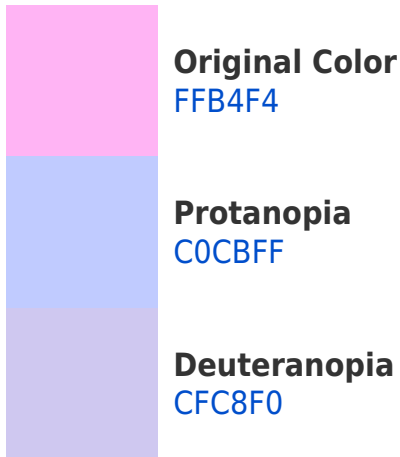


This preview shows how white text looks on a background with the Hex color FFB4F4.

# 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**  
FFB4F4



**Protanomaly**  
D7C3FB



**Deuteranomaly**  
E0C1F1

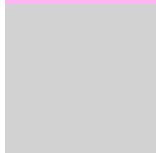


**Tritanomaly**  
FCB9D9

# Monochromacy



**Original Color**  
FFB4F4



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
E2C7DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB4F4 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 #FFB4F4 looks like.

```
.text, #text, p{  
    color:#FFB4F4  
}
```

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 #FFB4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB4F4
}
```

## Border

The CSS property to change the border of an element to Hex FFB4F4 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
#FFB4F4 }
```

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

```
.border{ border-color:#FFB4F4 }
```

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

Here you see how a box with a 4 pixel #FFB4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB4F4; -webkit-box-shadow:4px 4px  
4px 4px #FFB4F4; box-shadow:4px 4px 4px  
4px #FFB4F4 }
```

# Background

The CSS property to change the background color of an element to Hex FFB4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB4F4 }
```

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

```
.background{ background-color:#FFB4F4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor