

Converting Colors

Hex(FFB7F1)

Have a look what the booklet for
Hex(FFB7F1) contains.

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Color

Hex(FFB7F1)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7F1
RGB	255, 183, 241
RGB Percent	100%, 72%, 95%
CMY	0.0000, 0.2824, 0.0549
CMYK	0.00, 0.28, 0.05, 0.00
HSL	312°, 100%, 86%
HSV	312°, 28%, 100%
XYZ	74.0507, 61.4778, 91.1826
YIQ	211.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

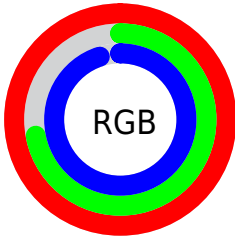
Format	Color
R_{YB}	255, 183, 241
Decimal	16758769
CIE _{Lab}	82.63, 34.93, -18.46
CIE _{LCh}	83, 39.505, 332.150
Yxy	61.4778, 0.3266, 0.2712
Android (android.graphics.Color)	4294948849 (0xFFFFB7F1)
YUV	211.1400, 14.7210, 38.4652
Hunter-Lab	78.4078, 31.3670, -14.0645

Details

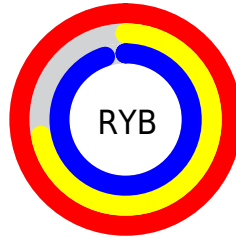
The Hex color **FFB7F1** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7FFC5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFF0FF**, and **C581B9** is the 20% darker color. If you saturate the color by 10%, you get **FF9EEC**, and if you desaturate by 10%, it is **FFD1F6**.

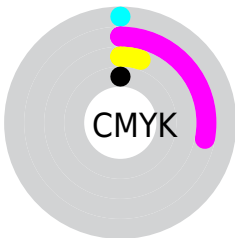
Distribution



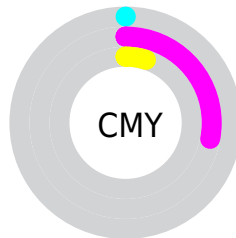
- Red (100%)
- Green (72%)
- Blue (95%)



- Red (100%)
- Yellow (72%)
- Blue (95%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB7F1 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 FFB7F1 by changing the saturation by 10% instead.

 FFB7F1

 FFB7F1

FFFFFF

 E29CD5

 FFF0FF

 C581B9

 AA679E

 8E4E84

 74366A

 5A1D52

 41023B

 2B0025

 02000E

 #FFB7F1

 #FFB7F1

 #FF9EEC

 #FFD1F6

 #FF84E7

 #FFEAFF

 #FF6AE2

#FFFFFF

 #FF51DD

 #FF38D8

 #FF1ED3

 #FF05CE

 #FF00CD

Harmonies

Analogous

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



D6C3FF



FFB7F1



FFB1CC

Triad

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



FFB7F1



E4CC83



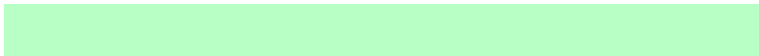
47E1F4

Complementary

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



FFB7F1



B7FFC5

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.



63E2CF



FFB7F1



BDD78E

Square

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



FFB7F1



FFBF8D



91DFAA



64DBFF

Rectangle

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



FFB7F1



FFB3B4



91DFAA



4BE2E8

Sweetspot

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



FFB7F1



FFEBFB



C4B7FF



80737D



000000



808080

Same Dimension

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



FFB7F1



FFA8EE



FFB7CE



80737D



BF009A



400033

Inverse Universe

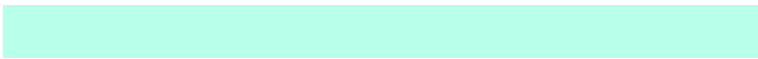
The Inverse Universe completely reimagines the original color for something new.



FFB7F1



FFA8EE



B7FFE8



80737D



BF009A



400033

Previews

White Background



This preview shows how the Hex color FFB7F1 looks on a white background.

Color Contrast Check

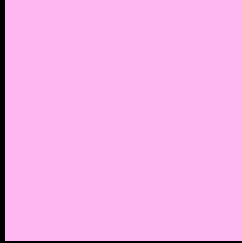
Large Text (above 18pt) WCAG AA × Fail

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 FFB7F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

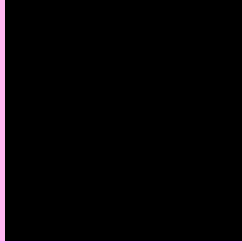
Any Text WCAG AA ✓ Pass

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 FFB7F1 Background



This preview shows how black text looks on a background with the Hex color FFB7F1.

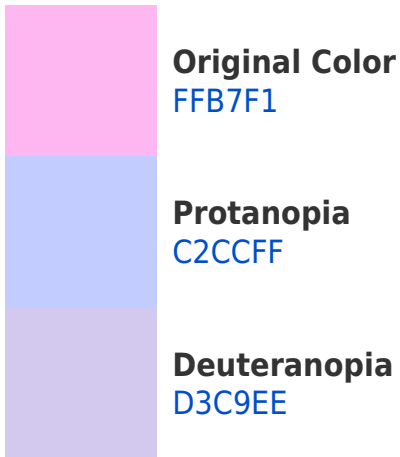


This preview shows how white text looks on a background with the Hex color FFB7F1.

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
FFB7F1



Protanomaly
D8C4FA



Deuteranomaly
E3C2EF

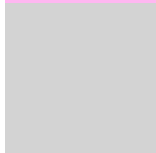


Tritanomaly
FCBBD9

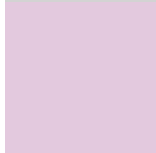
Monochromacy



Original Color
FFB7F1



Achromatopsia
D3D3D3



Achromatomaly
E3C9DE

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB7F1 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 #FFB7F1 looks like.

```
.text, #text, p{  
    color:#FFB7F1  
}
```

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 #FFB7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7F1
}
```

Border

The CSS property to change the border of an element to Hex FFB7F1 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
#FFB7F1 }
```

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

```
.border{ border-color:#FFB7F1 }
```

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

Here you see how a box with a 4 pixel #FFB7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7F1; -webkit-box-shadow:4px 4px  
4px 4px #FFB7F1; box-shadow:4px 4px 4px  
4px #FFB7F1 }
```

Background

The CSS property to change the background color of an element to Hex FFB7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7F1 }
```

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

```
.background{ background-color:#FFB7F1 }
```

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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