

Converting Colors

Hex(FFB7E2)

Have a look what the booklet for
Hex(FFB7E2) contains.

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Color

Hex(FFB7E2)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7E2
RGB	255, 183, 226
RGB Percent	100%, 72%, 89%
CMY	0.0000, 0.2824, 0.1137
CMYK	0.00, 0.28, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 28%, 100%
XYZ	71.9010, 60.6180, 79.8623
YIQ	209.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

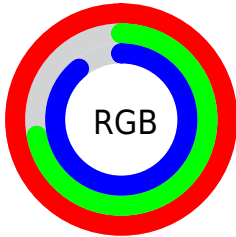
Format	Color
R _Y B	255, 183, 226
Decimal	16758754
CIE Lab	82.17, 32.43, -11.10
CIE LCh	82, 34.274, 341.097
Yxy	60.6180, 0.3385, 0.2854
Android (android.graphics.Color)	4294948834 (0xFFFFB7E2)
YUV	209.4300, 8.1690, 39.9649
Hunter-Lab	77.8575, 28.5930, -6.3164

Details

The Hex color **FFB7E2** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7FFD4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF0FF**, and **C581AB** is the 20% darker color. If you saturate the color by 10%, you get **FF9ED8**, and if you desaturate by 10%, it is **FFD1EC**.

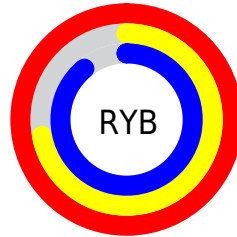
Distribution



Red (100%)

Green (72%)

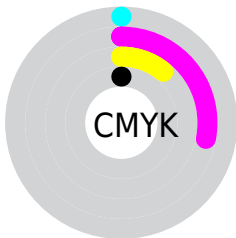
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

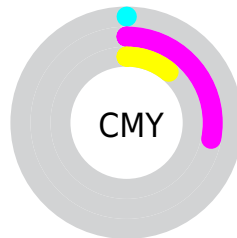


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB7E2 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 FFB7E2 by changing the saturation by 10% instead.

 FFB7E2

FFFFFF

 FFF0FF

 FFB7E2

 E29CC6

 C581AB

 A96790

 8E4E76

 74365E

 5A1E46

 410430

 2B001B

 000000

 #FFB7E2

 #FFB7E2

 #FF9ED8

 #FFD1EC

 #FF84CD

 #FFFAF7

 #FF6AC3

#FFFFFF

 #FF51B9

 #FF38AF

 #FF1EA4

 #FF059A

 #FF0098

Harmonies

Analogous

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



E0C0FD



FFB7E2



FFB4C1

Triad

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



FFB7E2



D7CE8D



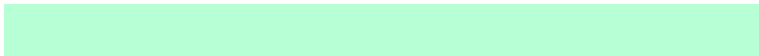
67DCF6

Complementary

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



FFB7E2



B7FFD4

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.



6EDED8



FFB7E2



B3D79B

Square

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



FFB7E2



F5C390



8EDDB7



85D5FF

Rectangle

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



FFB7E2



FFB7AD



8EDDB7



65DDEC

Sweetspot

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



FFB7E2



FFEBF7



D4B7FF



80737A



000000



808080

Same Dimension

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



FFB7E2



FFA8DC



FFB7BE



80737A



BF0072



400026

Inverse Universe

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



FFB7E2



FFA8DC



B7FFF8



80737A



BF0072



400026

Previews

White Background



This preview shows how the Hex color FFB7E2 looks on a white background.

Color Contrast Check

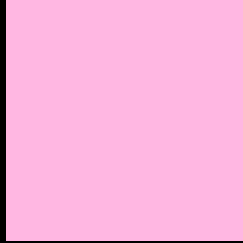
Large Text (above 18pt) WCAG AA × Fail

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 FFB7E2 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 FFB7E2 Background



This preview shows how black text looks on a background with the Hex color FFB7E2.

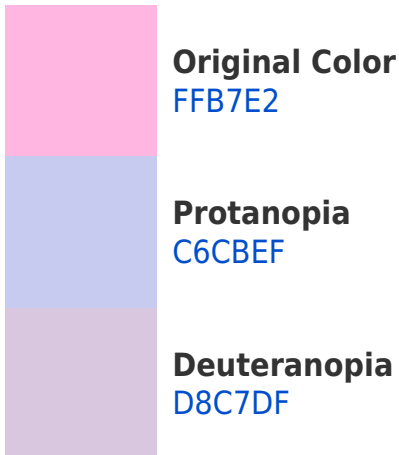


This preview shows how white text looks on a background with the Hex color FFB7E2.

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](#).

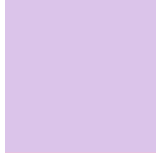
Dichromacy



Trichromacy



Original Color
FFB7E2



Protanomaly
DBC4EA



Deuteranomaly
E6C1E0

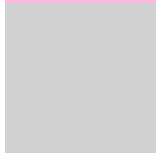


Tritanomaly
FDBAD3

Monochromacy



Original Color
FFB7E2



Achromatopsia
D1D1D1



Achromatomaly
E2C8D7

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB7E2 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 #FFB7E2 looks like.

```
.text, #text, p{  
    color:#FFB7E2  
}
```

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 #FFB7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7E2
}
```

Border

The CSS property to change the border of an element to Hex FFB7E2 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
#FFB7E2 }
```

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

```
.border{ border-color:#FFB7E2 }
```

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

Here you see how a box with a 4 pixel #FFB7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7E2; -webkit-box-shadow:4px 4px  
4px 4px #FFB7E2; box-shadow:4px 4px 4px  
4px #FFB7E2 }
```

Background

The CSS property to change the background color of an element to Hex FFB7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7E2 }
```

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

```
.background{ background-color:#FFB7E2 }
```

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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