

Converting Colors

Hex(FFB7D3)

Have a look what the booklet for
Hex(FFB7D3) contains.

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Color

Hex(FFB7D3)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7D3
RGB	255, 183, 211
RGB Percent	100%, 72%, 83%
CMY	0.0000, 0.2824, 0.1725
CMYK	0.00, 0.28, 0.17, 0.00
HSL	337°, 100%, 86%
HSV	337°, 28%, 100%
XYZ	69.9314, 59.8301, 69.4906
YIQ	207.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

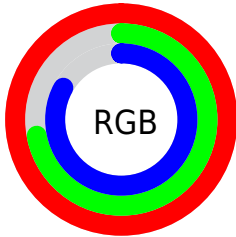
Format	Color
R _Y B	255, 183, 211
Decimal	16758739
CIE Lab	81.75, 30.07, -3.67
CIE LCh	82, 30.291, 353.047
Yxy	59.8301, 0.3510, 0.3003
Android (android.graphics.Color)	4294948819 (0xFFFFB7D3)
YUV	207.7200, 1.6170, 41.4646
Hunter-Lab	77.3499, 26.0178, 0.8793

Details

The Hex color **FFB7D3** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7FFE3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFEFFF**, and **C5819D** is the 20% darker color. If you saturate the color by 10%, you get **FF9EC3**, and if you desaturate by 10%, it is **FFD1E3**.

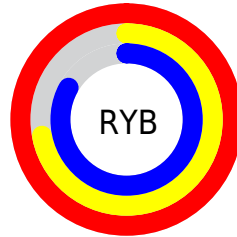
Distribution



Red (100%)

Green (72%)

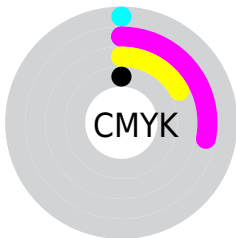
Blue (83%)



Red (100%)

Yellow (72%)

Blue (83%)

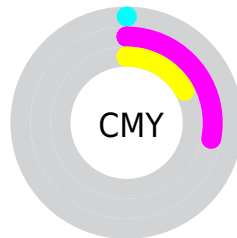


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB7D3 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 FFB7D3 by changing the saturation by 10% instead.

 FFB7D3

 FFB7D3

FFFFFF

 E29CB7

 FFEFFF

 C5819D

 A96882

 8E4F69

 733751

 5A1F3A

 410625

 2B0010

 000000

 #FFB7D3

 #FFB7D3

 #FF9EC3

 #FFD1E3

 #FF84B4

 #FFEAF2

 #FF6AA4

#FFFFFF

 #FF5195

 #FF3885

 #FF1E75

 #FF0566

 #FF0063

Harmonies

Analogous

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



E9BDEE



FFB7D3



FFB7B6

Triad

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



FFB7D3



C9D097



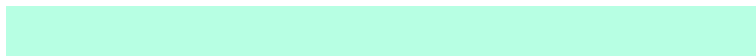
7ED7F8

Complementary

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



FFB7D3



B7FFE3

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.



76DBE0



FFB7D3



A8D7A8

Square

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



FFB7D3



E6C793



89DBC3



9ED0FF

Rectangle

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



FFB7D3



FFBBA6



89DBC3



78D9F1

Sweetspot

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



FFB7D3



FFEBF3



E2B7FF



807378



000000



808080

Same Dimension

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



FFB7D3



FFA8CA



FFBEB7



807378



BF004A



400019

Inverse Universe

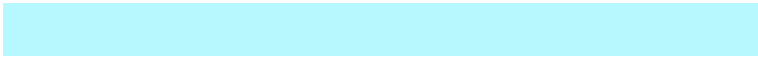
The Inverse Universe completely reimagines the original color for something new.



FFB7D3



FFA8CA



B7F8FF



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color FFB7D3 looks on a white background.

Color Contrast Check

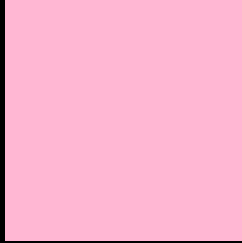
Large Text (above 18pt) WCAG AA × Fail

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 FFB7D3 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 FFB7D3 Background



This preview shows how black text looks on a background with the Hex color FFB7D3.



This preview shows how white text looks on a background with the Hex color FFB7D3.

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



Original Color
FFB7D3

Protanopia
CACADF

Deuteranopia
DDC5D0



Tritanopia
FEB9C7

Trichromacy



Original Color
FFB7D3



Protanomaly
DDC3DB



Deuteranomaly
E9C0D1

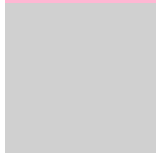


Tritanomaly
FEB8CB

Monochromacy



Original Color
FFB7D3



Achromatopsia
D0D0D0



Achromatomaly
E1C7D1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB7D3 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 #FFB7D3 looks like.

```
.text, #text, p{  
    color:#FFB7D3  
}
```

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 #FFB7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB7D3
}
```

Border

The CSS property to change the border of an element to Hex FFB7D3 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
#FFB7D3 }
```

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

```
.border{ border-color:#FFB7D3 }
```

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

Here you see how a box with a 4 pixel #FFB7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB7D3; -webkit-box-shadow:4px 4px  
4px 4px #FFB7D3; box-shadow:4px 4px 4px  
4px #FFB7D3 }
```

Background

The CSS property to change the background color of an element to Hex FFB7D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB7D3 }
```

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

```
.background{ background-color:#FFB7D3 }
```

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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