

Converting Colors

Hex(FFB6DA)

Have a look what the booklet for
Hex(FFB6DA) contains.

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Color

Hex(FFB6DA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB6DA |
| RGB | 255, 182, 218 |
| RGB Percent | 100%, 71%, 85% |
| CMY | 0.0000, 0.2863, 0.1451 |
| CMYK | 0.00, 0.29, 0.15, 0.00 |
| HSL | 330°, 100%, 86% |
| HSV | 330°, 29%, 100% |
| XYZ | 70.6228, 59.7779, 74.1457 |
| YIQ | 207.9310, 31.9520, 26.6720 |

Conversions

Conversions Part 2

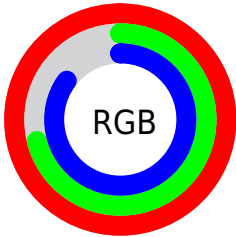
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 182, 218 |
| Decimal | 16758490 |
| CIE Lab | 81.72, 31.67, -7.48 |
| CIE LCh | 82, 32.544, 346.715 |
| Yxy | 59.7779, 0.3453, 0.2922 |
| Android (android.graphics.Color) | 4294948570 (0xFFFFB6DA) |
| YUV | 207.9310, 4.9640, 41.2795 |
| Hunter-Lab | 77.3161, 27.7439, -2.7375 |

Details

The Hex color **FFB6DA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B6FFDB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFEEFF**, and **C580A3** is the 20% darker color. If you saturate the color by 10%, you get **FF9DCD**, and if you desaturate by 10%, it is **FFD0E7**.

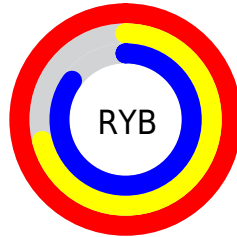
Distribution



Red (100%)

Green (71%)

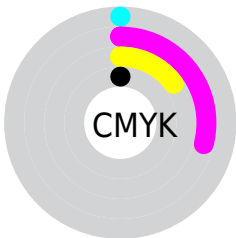
Blue (85%)



Red (100%)

Yellow (71%)

Blue (85%)

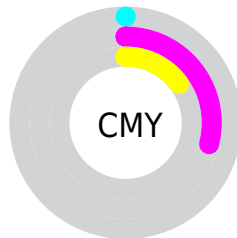


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB6DA 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 FFB6DA by changing the saturation by 10% instead.

 FFB6DA

FFFFFF

 FFEEFF

 FFB6DA

 E29BBE

 C580A3

 A96789

 8E4E6F

 743557

 5A1E40

 41042A

 2B0016

 000000

 #FFB6DA

 #FFB6DA

 #FF9DCD

 #FFD0E7

 #FF83C0

 #FFE9F4

 #FF6AB3

#FFFFFF

 #FF50A6

 #FF3799

 #FF1D8C

 #FF0480

 #FF007E

Harmonies

Analogous

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



E4BDF5



FFB6DA



FFB5BB

Triad

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



FFB6DA



CFCF90



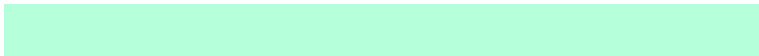
70D9F7

Complementary

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



FFB6DA



B6FFDB

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.



70DCDC



FFB6DA



ADD7A0

Square

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



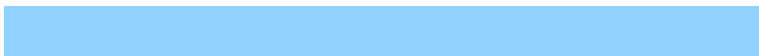
FFB6DA



EDC590



8ADBBC



91D2FF

Rectangle

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



FFB6DA



FFB8A8



8ADBBC



6CDAEF

Sweetspot

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



FFB6DA



FFE8F3



DBB6FF



807178



000000



808080

Same Dimension

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



FFB6DA



FFA8D3



FFB6B6



807379



BF005E



40001F

Inverse Universe

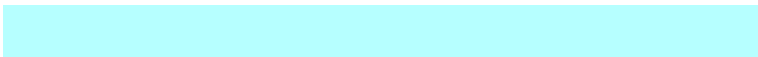
The Inverse Universe completely reimagines the original color for something new.



FFB6DA



FFA8D3



B6FFFF



807379



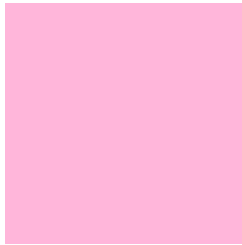
BF005E



40001F

Previews

White Background



This preview shows how the Hex color FFB6DA looks on a white background.

Color Contrast Check

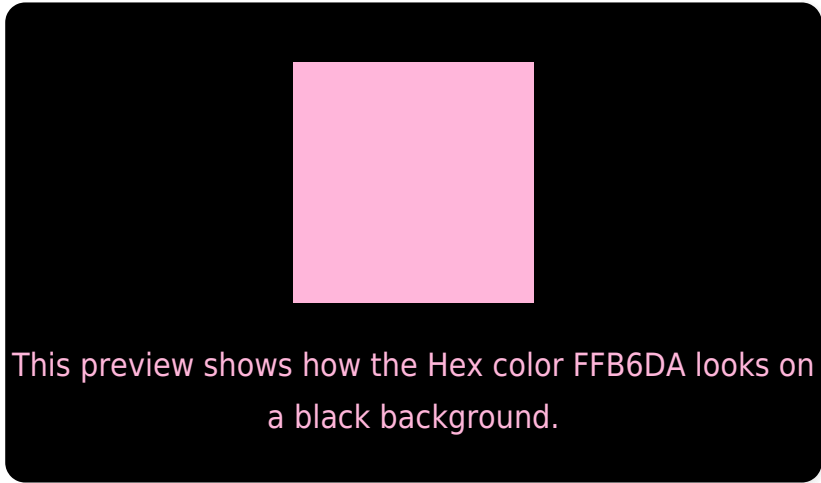
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 FFB6DA Background



This preview shows how black text looks on a background with the Hex color FFB6DA.



This preview shows how white text looks on a background with the Hex color FFB6DA.

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
FFB6DA

Protanopia
C7CAE7

Deuteranopia
DAC6D7

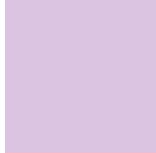


Tritanopia
FDB9C7

Trichromacy



Original Color
FFB6DA



Protanomaly
DBC3E2



Deuteranomaly
E7C0D8

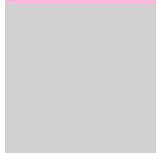


Tritanomaly
FEB8CE

Monochromacy



Original Color
FFB6DA



Achromatopsia
D0D0D0



Achromatomaly
E1C7D4

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB6DA 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 #FFB6DA looks like.

```
.text, #text, p{  
    color:#FFB6DA  
}
```

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 #FFB6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB6DA
}
```

Border

The CSS property to change the border of an element to Hex FFB6DA 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
#FFB6DA }
```

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

```
.border{ border-color:#FFB6DA }
```

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

Here you see how a box with a 4 pixel #FFB6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB6DA; -webkit-box-shadow:4px 4px  
4px 4px #FFB6DA; box-shadow:4px 4px 4px  
4px #FFB6DA }
```

Background

The CSS property to change the background color of an element to Hex FFB6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB6DA }
```

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

```
.background{ background-color:#FFB6DA }
```

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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