

Converting Colors

Hex(FFB3D2)

Have a look what the booklet for
Hex(FFB3D2) contains.

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Color

Hex(FFB3D2)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D2
RGB	255, 179, 210
RGB Percent	100%, 70%, 82%
CMY	0.0000, 0.2980, 0.1765
CMYK	0.00, 0.30, 0.18, 0.00
HSL	336°, 100%, 85%
HSV	336°, 30%, 100%
XYZ	68.9930, 58.1533, 68.5612
YIQ	205.2580, 35.3450, 25.7530

Conversions

Conversions Part 2

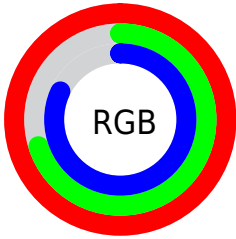
Format	Color
R _Y B	255, 179, 210
Decimal	16757714
CIE Lab	80.82, 32.01, -4.49
CIE LCh	81, 32.326, 352.024
Yxy	58.1533, 0.3525, 0.2971
Android (android.graphics.Color)	4294947794 (0xFFFFB3D2)
YUV	205.2580, 2.3378, 43.6237
Hunter-Lab	76.2583, 28.0416, 0.0753

Details

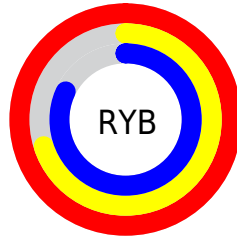
The Hex color **FFB3D2** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **B3FFE0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFE0FF**, and **C57D9C** is the 20% darker color. If you saturate the color by 10%, you get **FF99C3**, and if you desaturate by 10%, it is **FFCCE1**.

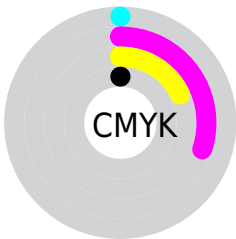
Distribution



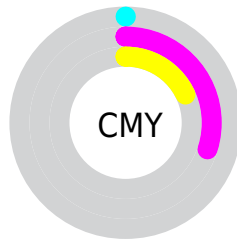
- Red (100%)
- Green (70%)
- Blue (82%)



- Red (100%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB3D2 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 FFB3D2 by changing the saturation by 10% instead.

 FFB3D2

 FFB3D2

FFFFFF

 E298B6

 FFE8FF

 C57D9C

 A96482

 8E4B68

 733350

 591B39

 400124

 2C000F

 000000

 #FFB3D2

 #FFB3D2

 #FF99C3

 #FFCCE1

 #FF80B4

 #FFE6F0

 #FF66A5

#FFFFFF

 #FF4D96

 #FF3387

 #FF1A77

 #FF0068

Harmonies

Analogous

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



E8B9EE



FFB3D2



FFB3B3

Triad

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



FFB3D2



C7CE90



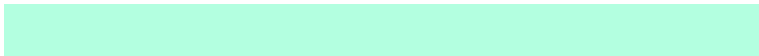
72D5F7

Complementary

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



FFB3D2



B3FFE0

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.



6CD9DE



FFB3D2



A4D5A3

Square

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



FFB3D2



E6C48D



82D9BF



96CEFF

Rectangle

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



FFB3D2



FFB7A2



82D9BF



6CD7F0

Sweetspot

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



FFB3D2



FFE8F1



DFB3FF



807177



000000



808080

Same Dimension

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



FFB3D2



FFA3C9



FFB9B3



807378



BF004E



40001A

Inverse Universe

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



FFB3D2



FFA3C9



B3F9FF



807378



BF004E



40001A

Previews

White Background



This preview shows how the Hex color FFB3D2 looks on a white background.

Color Contrast Check

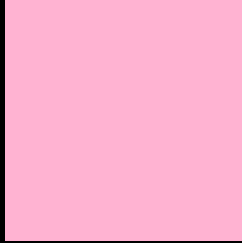
Large Text (above 18pt) WCAG AA × Fail

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 FFB3D2 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 FFB3D2 Background



This preview shows how black text looks on a background with the Hex color FFB3D2.

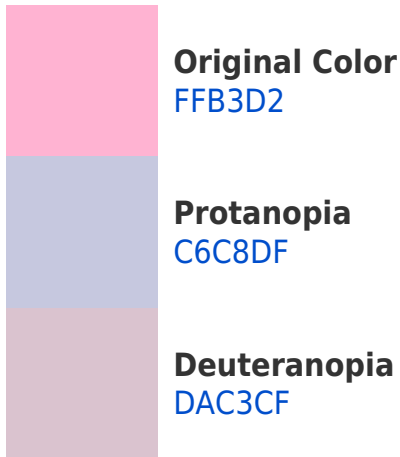


This preview shows how white text looks on a background with the Hex color FFB3D2.

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
FFB3D2



Protanomaly
DBC0DA



Deuteranomaly
E7BDD0

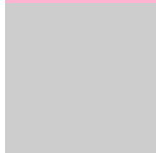


Tritanomaly
FEB4C8

Monochromacy



Original Color
FFB3D2



Achromatopsia
CDCDCD



Achromatomaly
DFC4CF

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB3D2 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 #FFB3D2 looks like.

```
.text, #text, p{  
    color:#FFB3D2  
}
```

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 #FFB3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB3D2
}
```

Border

The CSS property to change the border of an element to Hex FFB3D2 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
#FFB3D2 }
```

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

```
.border{ border-color:#FFB3D2 }
```

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

Here you see how a box with a 4 pixel #FFB3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB3D2; -webkit-box-shadow:4px 4px  
4px 4px #FFB3D2; box-shadow:4px 4px 4px  
4px #FFB3D2 }
```

Background

The CSS property to change the background color of an element to Hex FFB3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB3D2 }
```

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

```
.background{ background-color:#FFB3D2 }
```

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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