Converting Colors

Hex(FFB0DA)

Have a look what the booklet for Hex(FFB0DA) contains.

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Color

Hex(FFB0DA)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0DA
RGB	255, 176, 218
RGB Percent	100%, 69%, 85%
CMY	0.0000, 0.3098, 0.1451
CMYK	0.00, 0.31, 0.15, 0.00
HSL	328°, 100%, 85%
HSV	328°, 31%, 100%
XYZ	69.4202, 57.3726, 73.7448
YIQ	204.4090, 33.6020, 29.8100

Conversions

Conversions Part 2

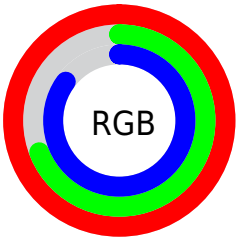
Format	Color
RYB	255, 176, 218
Decimal	16756954
CIELab	80.39, 34.81, -9.45
CIELCh	80, 36.075, 344.812
Yxy	57.3726, 0.3462, 0.2861
Android (android.graphics.Color)	4294947034 (0xFFFFB0DA)
YUV	204.4090, 6.7004, 44.3683
Hunter-Lab	75.7447, 31.0424, -4.7033

Details

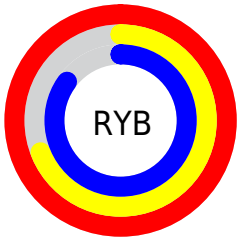
The Hex color FFB0DA is a light color, and the websafe version is hex FF99CC. A complement of this color would be B0FFD5, and the grayscale version is CCCCCC.

A 20% lighter version of the original color is FFE8FF, and C57AA3 is the 20% darker color. If you saturate the color by 10%, you get FF96CE, and if you desaturate by 10%, it is FFCAE6.

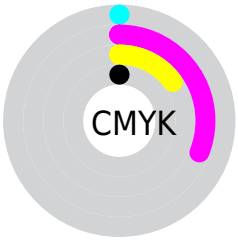
Distribution



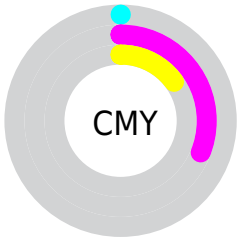
- Red (100%)
- Green (69%)
- Blue (85%)



- Red (100%)
- Yellow (69%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB0DA 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 FFB0DA by changing the saturation by 10% instead.

FFB0DA

FFFFFF

FFE8FF

FFB0DA

E295BE

C57AA3

A96189

8E486F

732F57

591640

40002A

2C0016

000000

FFB0DA

FF96CE

FF7DC2

FF63B6

FF4AAA

FF319E

FF1792

FF0088

FFB0DA

FFCAE6

FFE3F2

FFFDFE

FFFFFF

Harmonies

Analogous

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

E1B9F7

FFB0DA

FFAEB8

Triad

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

FFB0DA

CECB86

59D7F6

Complementary

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

FFB0DA

B0FFD5

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.

5DDAD7

FFB0DA

A8D397

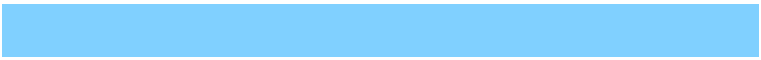
Square

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

FFB0DA

EEBF87

80D9B5



80D0FF

Rectangle

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

FFB0DA

FFB2A3

80D9B5

55D8ED

Sweetspot

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

FFB0DA

FFE8F4

D5B0FF

807179

000000

808080

Same Dimension

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

FFB0DA

FFA1D3

FFB0B3

80737A

BF0066

400022

Inverse Universe

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

FFB0DA

FFA1D3

B0FFFC

80737A

BF0066

400022

Previews

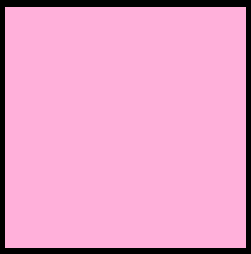
White Background

This preview shows how the Hex color FFB0DA 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



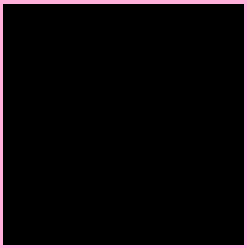
This preview shows how the Hex color FFB0DA looks on a black background.

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 FFB0DA Background



This preview shows how black text looks on a background with the Hex color FFB0DA.

This preview shows how white text looks on a background with the Hex color FFB0DA.

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
FFB0DA

Protanopia
C2C6E8

Deuteranopia
D4C2D7

Tritanopia
FCB4C2

Trichromacy

Original Color
FFB0DA

Protanomaly
D8BEE3

Deuteranomaly
E4BBD8

Tritanomaly
FDB3CB

Monochromacy

Original Color
FFB0DA

Achromatopsia
CCCCCC

Achromatomaly
DFC2D1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB0DA 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 #FFB0DA looks like.

```
.text, #text, p{
    color:#FFB0DA
}
```

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 #FFB0DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0DA }
```

Border

The CSS property to change the border of an element to Hex FFB0DA 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 #FFB0DA }
```

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

```
.border{ border-color:#FFB0DA }
```

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

Here you see how a box with a 4 pixel #FFB0DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #FFB0DA; -webkit-box-shadow:4px 4px 4px 4px #FFB0DA; box-shadow:4px 4px 4px 4px #FFB0DA }
```

Background

The CSS property to change the background color of an element to Hex FFB0DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#FFB0DA }
```

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

```
.background{ background-color:#FFB0DA }
```

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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