

Converting Colors

Hex(FFB0E8)

Have a look what the booklet for
Hex(FFB0E8) contains.

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Color

Hex(FFB0E8)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0E8
RGB	255, 176, 232
RGB Percent	100%, 69%, 91%
CMY	0.0000, 0.3098, 0.0902
CMYK	0.00, 0.31, 0.09, 0.00
HSL	317°, 100%, 85%
HSV	317°, 31%, 100%
XYZ	71.3308, 58.1369, 83.8059
YIQ	206.0050, 29.1080, 34.1640

Conversions

Conversions Part 2

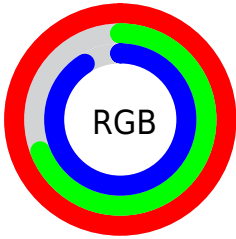
Format	Color
R _Y B	255, 176, 232
Decimal	16756968
CIE Lab	80.81, 37.07, -16.37
CIE LCh	81, 40.524, 336.180
Yxy	58.1369, 0.3345, 0.2726
Android (android.graphics.Color)	4294947048 (0xFFFFB0E8)
YUV	206.0050, 12.8155, 42.9686
Hunter-Lab	76.2475, 33.5565, -11.7941

Details

The Hex color **FFB0E8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **B0FFC7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFE8FF**, and **C57AB0** is the 20% darker color. If you saturate the color by 10%, you get **FF96E1**, and if you desaturate by 10%, it is **FFCAEF**.

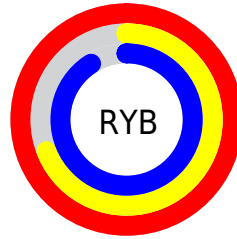
Distribution



Red (100%)

Green (69%)

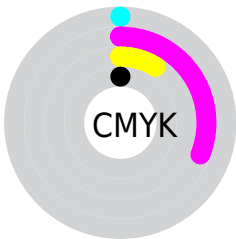
Blue (91%)



Red (100%)

Yellow (69%)

Blue (91%)

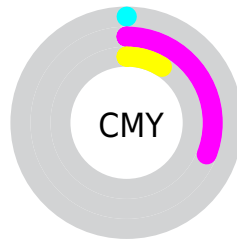


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB0E8 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 FFB0E8 by changing the saturation by 10% instead.

 FFB0E8

 FFB0E8

FFFFFF

 E295CC

 FFE8FF

 C57AB0

 A96196

 8E477C

 732F63

 5A154B

 400034

 2C001F

 000001

 #FFB0E8

 #FFB0E8

 #FF96E1

 #FFCAEF

 #FF7DD9

 #FFE3F7

 #FF63D2

 #FFDFE

 #FF4ACA

FFFFFF

 #FF31C3

 #FF17BB

 #FF00B5

Harmonies

Analogous

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



D7BCFF



FFB0E8



FFABC2

Triad

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



FFB0E8



DAC97D



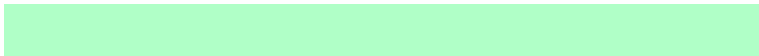
36DBF4

Complementary

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



FFB0E8



B0FFC7

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.



53DDCF



FFB0E8



B1D48A

Square

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



FFB0E8



FBBC84



84DBA9



61D5FF

Rectangle

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



FFB0E8



FFAEA9



84DBA9



38DCE9

Sweetspot

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



FFB0E8



FFE8F8



C6B0FF



80717B



000000



808080

Same Dimension

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



FFB0E8



FFA1E4



FFB0C1



80737C



BF0088



40002D

Inverse Universe

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



FFB0E8



FFA1E4



B0FFEE



80737C



BF0088



40002D

Previews

White Background



This preview shows how the Hex color FFB0E8 looks on a white background.

Color Contrast Check

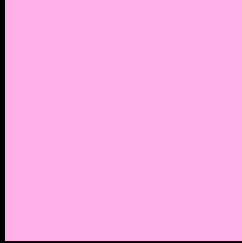
Large Text (above 18pt) WCAG AA × Fail

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 FFB0E8 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 FFB0E8 Background



This preview shows how black text looks on a background with the Hex color FFB0E8.



This preview shows how white text looks on a background with the Hex color FFB0E8.

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





Tritanopia
FBB7C5

Trichromacy



Original Color
FFB0E8



Protanomaly
D6BFF2



Deuteranomaly
E1BDE5

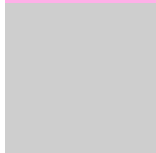


Tritanomaly
FCB4D2

Monochromacy



Original Color
FFB0E8



Achromatopsia
CECECE



Achromatomaly
E0C3D7

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB0E8 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 #FFB0E8 looks like.

```
.text, #text, p{  
    color:#FFB0E8  
}
```

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 #FFB0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0E8
}
```

Border

The CSS property to change the border of an element to Hex FFB0E8 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
#FFB0E8 }
```

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

```
.border{ border-color:#FFB0E8 }
```

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

Here you see how a box with a 4 pixel #FFB0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0E8; -webkit-box-shadow:4px 4px  
4px 4px #FFB0E8; box-shadow:4px 4px 4px  
4px #FFB0E8 }
```

Background

The CSS property to change the background color of an element to Hex FFB0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0E8 }
```

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

```
.background{ background-color:#FFB0E8 }
```

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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