

# Converting Colors

Hex(FFB2E8)

Have a look what the booklet for  
Hex(FFB2E8) contains.

<b>Hex(FFB2E8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(FFB2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB2E8
RGB	255, 178, 232
RGB Percent	100%, 70%, 91%
CMY	0.0000, 0.3020, 0.0902
CMYK	0.00, 0.30, 0.09, 0.00
HSL	318°, 100%, 85%
HSV	318°, 30%, 100%
XYZ	71.7259, 58.9270, 83.9376
YIQ	207.1790, 28.5580, 33.1180

# Conversions

## Conversions Part 2

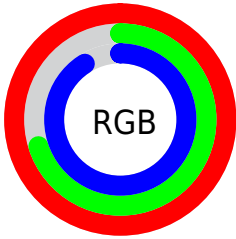
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 178, 232
Decimal	16757480
CIE <sub>Lab</sub>	81.25, 36.03, -15.71
CIE <sub>LCh</sub>	81, 39.303, 336.441
Y <sub>xy</sub>	58.9270, 0.3342, 0.2746
Android (android.graphics.Color)	4294947560 (0xFFFFB2E8)
YUV	207.1790, 12.2368, 41.9390
Hunter-Lab	76.7639, 32.4482, -11.0960

# Details

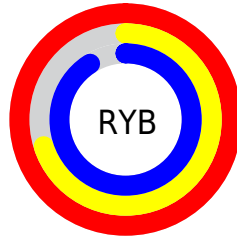
The Hex color **FFB2E8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B2FFC9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFEAFF**, and **C57CB0** is the 20% darker color. If you saturate the color by 10%, you get **FF98E0**, and if you desaturate by 10%, it is **FFCBF0**.

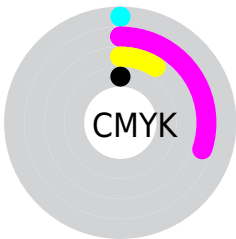
# Distribution



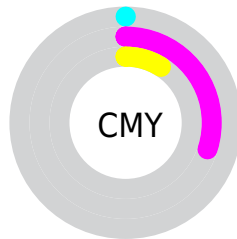
- Red (100%)
- Green (70%)
- Blue (91%)



- Red (100%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB2E8 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 FFB2E8 by changing the saturation by 10% instead.



 FFB2E8

 FFB2E8

FFFFFF

 E297CC

 FFEAFF

 C57CB0

 A96296

 8E497C

 743163

 5A184B

 410034

 2B001F

 000002

 #FFB2E8

 #FFB2E8

 #FF98E0

 #FFCBF0

 #FF7FD9

 #FFE5F7

 #FF65D1

#FFFFFF

 #FF4CCA

 #FF32C2

 #FF19BA

 #FF00B3

# Harmonies

## Analogous

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



D9BDFE



FFB2E8



FFAEC3

# Triad

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



FFB2E8



DBCA80



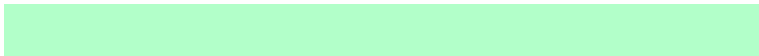
43DCF4

# Complementary

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



FFB2E8



B2FFC9

# 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.



5ADED1



FFB2E8



B3D58D

# Square

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



FFB2E8



FBBE87



87DBAB



68D6FF

# Rectangle

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



FFB2E8



FFB0AB



87DBAB



44DDE9



# Sweetspot

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



FFB2E8



FFE8F8



C8B2FF



80717B



000000



808080



# Same Dimension

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



FFB2E8



FFA3E4



FFB2C3



80737C



BF0086



40002D



# Inverse Universe

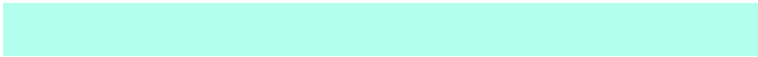
The Inverse Universe completely reimagines the original color for something new.



FFB2E8



FFA3E4



B2FFEE



80737C



BF0086



40002D



# Previews

## White Background



This preview shows how the Hex color FFB2E8 looks on a white background.

## Color Contrast Check

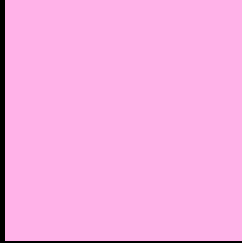
Large Text (above 18pt) WCAG AA × Fail

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 FFB2E8 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 FFB2E8 Background



This preview shows how black text looks on a background with the Hex color FFB2E8.

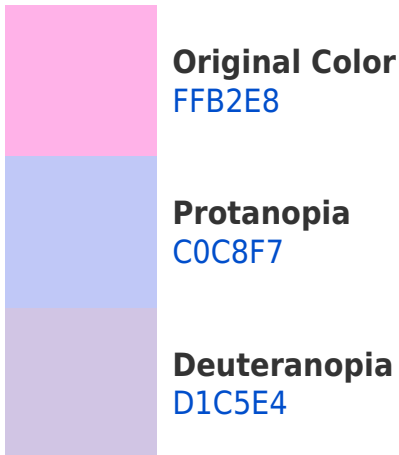


This preview shows how white text looks on a background with the Hex color FFB2E8.

# 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**  
FBB8C6

# Trichromacy



**Original Color**  
FFB2E8



**Protanomaly**  
D7C0F2



**Deuteranomaly**  
E2BEE5

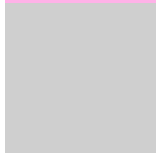


**Tritanomaly**  
FCB6D2

# Monochromacy



**Original Color**  
FFB2E8



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
E0C4D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB2E8 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 #FFB2E8 looks like.

```
.text, #text, p{  
    color:#FFB2E8  
}
```

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 #FFB2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB2E8
}
```

## Border

The CSS property to change the border of an element to Hex FFB2E8 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
#FFB2E8 }
```

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

```
.border{ border-color:#FFB2E8 }
```

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

Here you see how a box with a 4 pixel #FFB2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB2E8; -webkit-box-shadow:4px 4px  
4px 4px #FFB2E8; box-shadow:4px 4px 4px  
4px #FFB2E8 }
```

# Background

The CSS property to change the background color of an element to Hex FFB2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB2E8 }
```

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

```
.background{ background-color:#FFB2E8 }
```

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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