

# Converting Colors

Hex(FFB2E2)

Have a look what the booklet for  
Hex(FFB2E2) contains.

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# **Color**

**Hex(FFB2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB2E2
RGB	255, 178, 226
RGB Percent	100%, 70%, 89%
CMY	0.0000, 0.3020, 0.1137
CMYK	0.00, 0.30, 0.11, 0.00
HSL	323°, 100%, 85%
HSV	323°, 30%, 100%
XYZ	70.8879, 58.5918, 79.5247
YIQ	206.4950, 30.4840, 31.2520

# Conversions

## Conversions Part 2

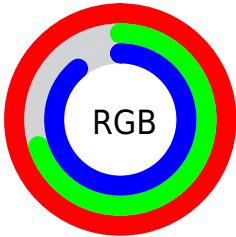
Format	Color
R <sub>Y</sub> B	255, 178, 226
Decimal	16757474
CIE <sub>Lab</sub>	81.07, 35.04, -12.76
CIE <sub>LCh</sub>	81, 37.293, 339.998
Yxy	58.5918, 0.3392, 0.2803
Android (android.graphics.Color)	4294947554 (0xFFFFB2E2)
YUV	206.4950, 9.6160, 42.5389
Hunter-Lab	76.5453, 31.3530, -8.0161

# Details

The Hex color **FFB2E2** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **B2FFCF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFEAFF**, and **C57CAB** is the 20% darker color. If you saturate the color by 10%, you get **FF98D8**, and if you desaturate by 10%, it is **FFCBEC**.

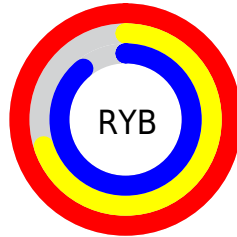
# Distribution



Red (100%)

Green (70%)

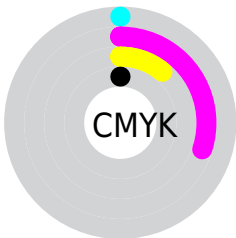
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

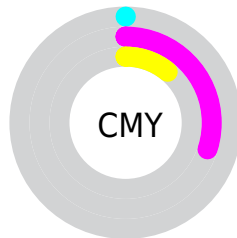


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB2E2 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 FFB2E2 by changing the saturation by 10% instead.



 FFB2E2

 FFB2E2

FFFFFF

 E297C6

 FFEAFF

 C57CAB

 A96390

 8E4A76

 73315E

 5A1846

 410030

 2B001B

 000000

 #FFB2E2

 #FFB2E2

 #FF98D8

 #FFCBEC

 #FF7FCF

 #FFE5F5

 #FF65C5

#FFFFFF

 #FF4CBC

 #FF32B2

 #FF19A8

 #FF009F

# Harmonies

## Analogous

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



DDBCFF



FFB2E2



FFAFBF

# Triad

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



FFB2E2



D6CB84



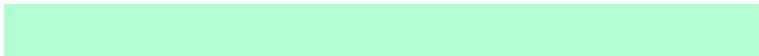
52DAF5

# Complementary

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



FFB2E2



B2FFCF

# 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.



5EDCD4



FFB2E2



AFD593

# Square

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



FFB2E2



F5BF88



86DBB0



76D3FF

# Rectangle

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



FFB2E2



FFB2A8



86DBB0



50DBEB



# Sweetspot

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



FFB2E2



FFE8F6



CEB2FF



80717A



000000



808080



# Same Dimension

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



FFB2E2



FFA3DC



FFB2BC



80737B



BF0077



400028



# Inverse Universe

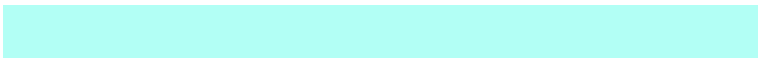
The Inverse Universe completely reimagines the original color for something new.



FFB2E2



FFA3DC



B2FFF5



80737B



BF0077



400028



# Previews

## White Background



This preview shows how the Hex color FFB2E2 looks on a white background.

## Color Contrast Check

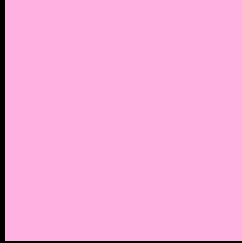
Large Text (above 18pt) WCAG AA × Fail

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 FFB2E2 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 FFB2E2 Background



This preview shows how black text looks on a background with the Hex color FFB2E2.



This preview shows how white text looks on a background with the Hex color FFB2E2.

# 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**  
FFB2E2



**Protanomaly**  
D8C0EB



**Deuteranomaly**  
E4BDE0

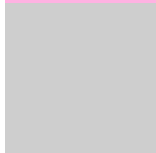


**Tritanomaly**  
FCB5D0

# Monochromacy



**Original Color**  
FFB2E2



**Achromatopsia**  
CECECE



**Achromatomaly**  
E0C4D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB2E2 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 #FFB2E2 looks like.

```
.text, #text, p{  
    color:#FFB2E2  
}
```

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 #FFB2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB2E2
}
```

## Border

The CSS property to change the border of an element to Hex FFB2E2 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
#FFB2E2 }
```

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

```
.border{ border-color:#FFB2E2 }
```

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

Here you see how a box with a 4 pixel #FFB2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB2E2; -webkit-box-shadow:4px 4px  
4px 4px #FFB2E2; box-shadow:4px 4px 4px  
4px #FFB2E2 }
```

# Background

The CSS property to change the background color of an element to Hex FFB2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB2E2 }
```

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

```
.background{ background-color:#FFB2E2 }
```

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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