

# Converting Colors

Hex(FFBFE6)

Have a look what the booklet for  
Hex(FFBFE6) contains.

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# **Color**

**Hex(FFBFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBFE6
RGB	255, 191, 230
RGB Percent	100%, 75%, 90%
CMY	0.0000, 0.2510, 0.0980
CMYK	0.00, 0.25, 0.10, 0.00
HSL	323°, 100%, 87%
HSV	323°, 25%, 100%
XYZ	74.1537, 64.2348, 83.3531
YIQ	214.5820, 25.6250, 25.6970

# Conversions

## Conversions Part 2

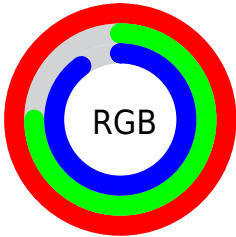
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 191, 230
Decimal	16760806
CIE <sub>Lab</sub>	84.09, 28.88, -10.39
CIE <sub>LCh</sub>	84, 30.693, 340.209
Y <sub>xy</sub>	64.2348, 0.3344, 0.2897
Android (android.graphics.Color)	4294950886 (0xFFFFBFE6)
Y <sub>UV</sub>	214.5820, 7.6011, 35.4466
Hunter-Lab	80.1466, 24.8963, -5.5595

# Details

The Hex color **FFBFE6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BFFFD8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFF8FF**, and **C689AE** is the 20% darker color. If you saturate the color by 10%, you get **FFA6DC**, and if you desaturate by 10%, it is **FFD9F0**.

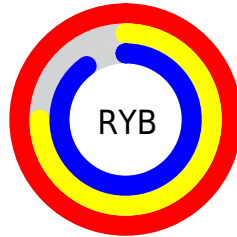
# Distribution



Red (100%)

Green (75%)

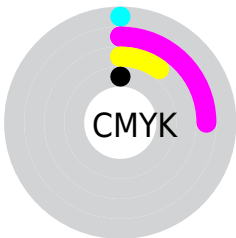
Blue (90%)



Red (100%)

Yellow (75%)

Blue (90%)

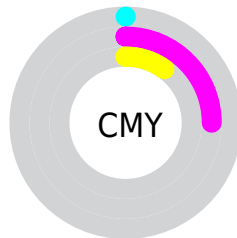


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBFE6 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 FFBFE6 by changing the saturation by 10% instead.



 FFBFE6

FFFFFF

 FFF8FF

 FFBFE6

 E2A4CA

 C689AE

 AA6F94

 8F567A

 743E61

 5B2649

 420F33

 2C001E

 090001

 #FFBFE6

 #FFBFE6

 #FFA6DC

 #FFD9F0

 #FF8CD2

 #FFF2FA

 #FF73C8

#FFFFFF

 #FF59BE

 #FF40B4

 #FF26AA

 #FF0DA0

 #FF009B

# Harmonies

## Analogous

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



E3C7FE



FFBFE6



FFBDC9

# Triad

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



FFBFE6



DDD399



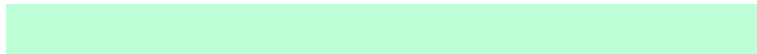
7CE0F6

# Complementary

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



FFBFE6



BFFFD8

# 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.



81E2DB



FFBFE6



BCDBA5

# Square

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



FFBFE6



F8C99C



9CE0BD



94DAFF

# Rectangle

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



FFBFE6



FFBFB6



9CE0BD



7BE1EE



# Sweetspot

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



FFBFE6



FFEBF7



D8BFFF



80737B



000000



808080



# Same Dimension

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



FFBFE6



FFB3E1



FFBFC6



80737B



BF0075



400027



# Inverse Universe

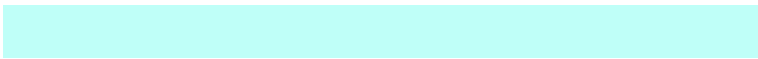
The Inverse Universe completely reimagines the original color for something new.



FFBFE6



FFB3E1



BFFFF8



80737B



BF0075



400027



# Previews

## White Background



This preview shows how the Hex color FFBFE6 looks on a white background.

## Color Contrast Check

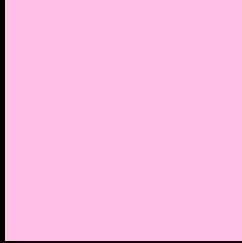
Large Text (above 18pt) WCAG AA × Fail

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 FFBFE6 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 FFBFE6 Background



This preview shows how black text looks on a background with the Hex color FFBFE6.

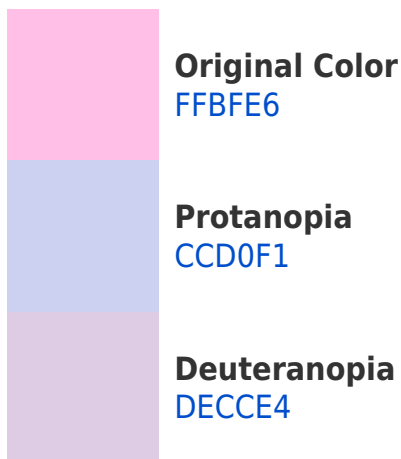


This preview shows how white text looks on a background with the Hex color FFBFE6.

# 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



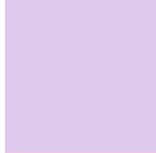


**Tritanopia**  
FCC3D2

# Trichromacy



**Original Color**  
FFBFE6



**Protanomaly**  
DFCAED



**Deuteranomaly**  
EAC7E5

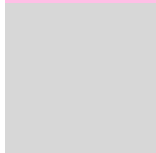


**Tritanomaly**  
FDC2D9

# Monochromacy



**Original Color**  
FFBFE6



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E6CEDC

# CSS Examples

## Text

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

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

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 #FFBFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBFE6
}
```

## Border

The CSS property to change the border of an element to Hex FFBFE6 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
#FFBFE6 }
```

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

```
.border{ border-color:#FFBFE6 }
```

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

Here you see how a box with a 4 pixel #FFBFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBFE6; -webkit-box-shadow:4px 4px  
4px 4px #FFBFE6; box-shadow:4px 4px 4px  
4px #FFBFE6 }
```

# Background

The CSS property to change the background color of an element to Hex FFBFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBFE6 }
```

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

```
.background{ background-color:#FFBFE6 }
```

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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