

# Converting Colors

Hex(FFC7E6)

Have a look what the booklet for  
Hex(FFC7E6) contains.

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# **Color**

**Hex(FFC7E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC7E6
RGB	255, 199, 230
RGB Percent	100%, 78%, 90%
CMY	0.0000, 0.2196, 0.0980
CMYK	0.00, 0.22, 0.10, 0.00
HSL	327°, 100%, 89%
HSV	327°, 22%, 100%
XYZ	75.9464, 67.8200, 83.9507
YIQ	219.2780, 23.4250, 21.5130

# Conversions

## Conversions Part 2

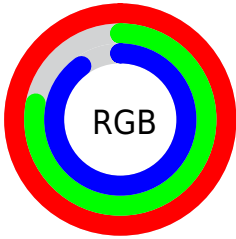
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 199, 230
Decimal	16762854
CIE <sub>Lab</sub>	85.92, 24.68, -7.68
CIE <sub>LCh</sub>	86, 25.845, 342.722
Yxy	67.8200, 0.3335, 0.2978
Android (android.graphics.Color)	4294952934 (0xFFFFC7E6)
YUV	219.2780, 5.2859, 31.3282
Hunter-Lab	82.3529, 20.4962, -2.7933

# Details

The Hex color **FFC7E6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C7FFE0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **C691AF** is the 20% darker color. If you saturate the color by 10%, you get **FFAEDB**, and if you desaturate by 10%, it is **FFE1F1**.

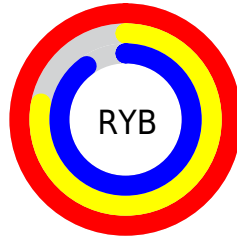
# Distribution



Red (100%)

Green (78%)

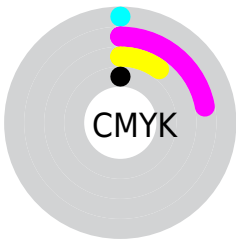
Blue (90%)



Red (100%)

Yellow (78%)

Blue (90%)

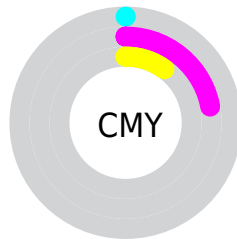


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC7E6 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 FFC7E6 by changing the saturation by 10% instead.



 FFC7E6

FFFFFF

 FFC7E6

 E2ACCA

 C691AF

 AA7794

 8F5E7A

 754561

 5C2E4A

 431833

 2C011E

 100002

 FFC7E6

 FFC7E6

 FFAEDB

 FFE1F1

 FF94CF

 FFFAFD

 FF7AC4

FFFFFF

 FF61B8

 FF47AD

 FF2EA2

 FF1496

 FF008D

# Harmonies

## Analogous

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



E8CDFB



FFC7E6



FFC6CD

# Triad

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



FFC7E6



DFD9A7



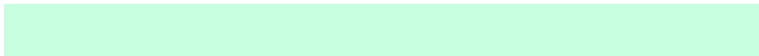
94E3F7

# Complementary

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



FFC7E6



C7FFE0

# 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.



95E5E1



FFC7E6



C3DFB2

# Square

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



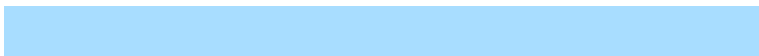
FFC7E6



F6D0A9



A8E4C8



A8DDFF

# Rectangle

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



FFC7E6



FFC7BE



A8E4C8



92E4F0



# Sweetspot

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



FFC7E6



FFEDF7



DFC7FF



80757B



000000



808080



# Same Dimension

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



FFC7E6



FFBDE1



FFC7CB



80737A



BF006A



400023



# Inverse Universe

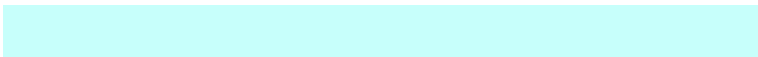
The Inverse Universe completely reimagines the original color for something new.



FFC7E6



FFBDE1



C7FFFB



80737A



BF006A



400023



# Previews

## White Background



This preview shows how the Hex color FFC7E6 looks on a white background.

## Color Contrast Check

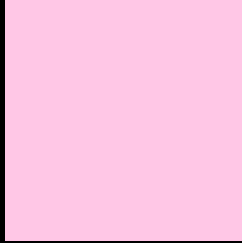
Large Text (above 18pt) WCAG AA × Fail

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 FFC7E6 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 FFC7E6 Background



This preview shows how black text looks on a background with the Hex color FFC7E6.

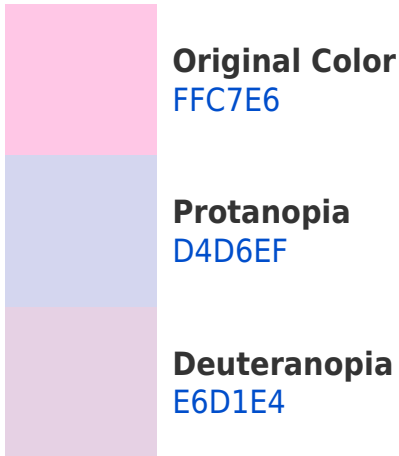



This preview shows how white text looks on a background with the Hex color FFC7E6.

# 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



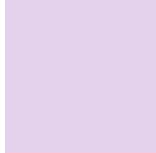


**Tritanopia**  
FDC9D9

# Trichromacy



**Original Color**  
FFC7E6



**Protanomaly**  
E4D1EC



**Deuteranomaly**  
EFCDE5

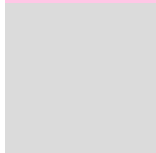


**Tritanomaly**  
FEC8DE

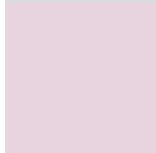
# Monochromacy



**Original Color**  
FFC7E6



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
E8D4DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC7E6 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 #FFC7E6 looks like.

```
.text, #text, p{  
    color:#FFC7E6  
}
```

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 #FFC7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC7E6
}
```

## Border

The CSS property to change the border of an element to Hex FFC7E6 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
#FFC7E6 }
```

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

```
.border{ border-color:#FFC7E6 }
```

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

Here you see how a box with a 4 pixel #FFC7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC7E6; -webkit-box-shadow:4px 4px  
4px 4px #FFC7E6; box-shadow:4px 4px 4px  
4px #FFC7E6 }
```

# Background

The CSS property to change the background color of an element to Hex FFC7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC7E6 }
```

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

```
.background{ background-color:#FFC7E6 }
```

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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