

# Converting Colors

Hex(FFC2E6)

Have a look what the booklet for  
Hex(FFC2E6) contains.

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# **Color**

**Hex(FFC2E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC2E6
RGB	255, 194, 230
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2392, 0.0980
CMYK	0.00, 0.24, 0.10, 0.00
HSL	325°, 100%, 88%
HSV	325°, 24%, 100%
XYZ	74.8147, 65.5567, 83.5735
YIQ	216.3430, 24.8000, 24.1280

# Conversions

## Conversions Part 2

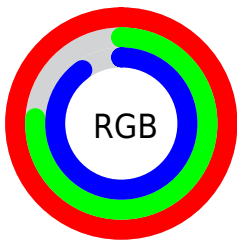
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 194, 230
Decimal	16761574
CIE <sub>Lab</sub>	84.77, 27.30, -9.38
CIE <sub>LCh</sub>	85, 28.870, 341.045
Yxy	65.5567, 0.3341, 0.2927
Android (android.graphics.Color)	4294951654 (0xFFFFC2E6)
YUV	216.3430, 6.7329, 33.9022
Hunter-Lab	80.9671, 23.2440, -4.5216

# Details

The Hex color **FFC2E6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C2FFDB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFBFF**, and **C68CAE** is the 20% darker color. If you saturate the color by 10%, you get **FFA9DC**, and if you desaturate by 10%, it is **FFDBF0**.

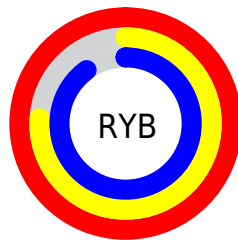
# Distribution



Red (100%)

Green (76%)

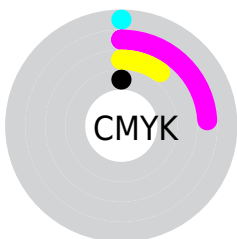
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

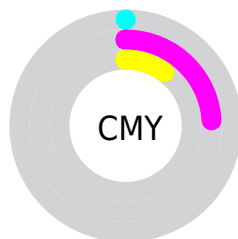


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC2E6 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 FFC2E6 by changing the saturation by 10% instead.



 FFC2E6

 FFC2E6

FFFFFF

 E2A7CA

 FFFBFF

 C68CAE

 AA7294

 8F597A

 754161

 5B2949

 431233

 2C001E

 0C0001

 FFC2E6

 FFC2E6

 FFA9DC

 FFDBF0

 FF8FD1

 FFF5FB

 FF76C7

FFFFFF

 FF5CBC

 FF42B2

 FF29A7

 FF109D

 FF0096

# Harmonies

## Analogous

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



E5C9FD



FFC2E6



FFC0CA

# Triad

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



FFC2E6



DDD59E



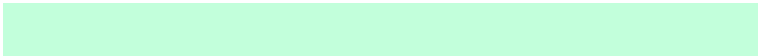
86E1F6

# Complementary

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



FFC2E6



C2FFDB

# 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.



89E3DD



FFC2E6



BFDDAA

# Square

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



FFC2E6



F7CCA1



A0E2C1



9CDBFF

# Rectangle

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



FFC2E6



FFC2B9



A0E2C1



84E2EF



# Sweetspot

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



FFC2E6



FFEDF8



DAC2FF



80757B



000000



808080



# Same Dimension

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



FFC2E6



FFB5E1



FFC2C8



80737A



BF0071



400026



# Inverse Universe

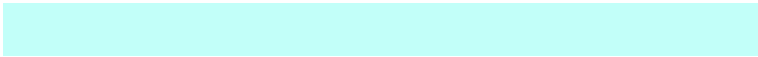
The Inverse Universe completely reimagines the original color for something new.



FFC2E6



FFB5E1



C2FFF9



80737A



BF0071



400026



# Previews

## White Background



This preview shows how the Hex color FFC2E6 looks on a white background.

## Color Contrast Check

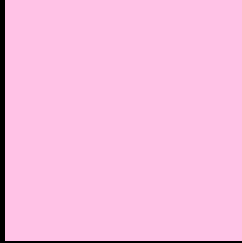
Large Text (above 18pt) WCAG AA × Fail

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 FFC2E6 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 FFC2E6 Background



This preview shows how black text looks on a background with the Hex color FFC2E6.

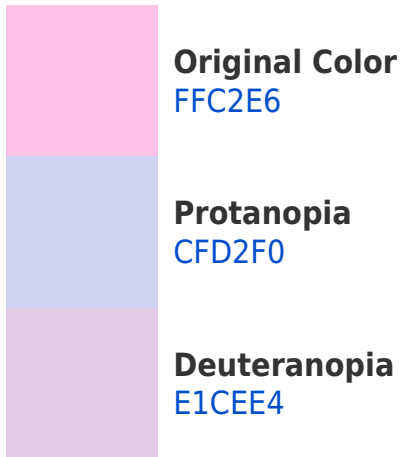


This preview shows how white text looks on a background with the Hex color FFC2E6.

# 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



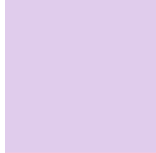


**Tritanopia**  
FDC5D4

# Trichromacy



**Original Color**  
FFC2E6



**Protanomaly**  
E0CCEC



**Deuteranomaly**  
ECCA E5

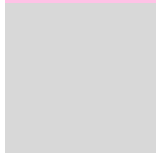


**Tritanomaly**  
FEC4DB

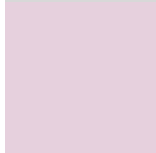
# Monochromacy



**Original Color**  
FFC2E6



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
E6D0DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC2E6 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 #FFC2E6 looks like.

```
.text, #text, p{  
    color:#FFC2E6  
}
```

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 #FFC2E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC2E6
}
```

## Border

The CSS property to change the border of an element to Hex FFC2E6 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
#FFC2E6 }
```

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

```
.border{ border-color:#FFC2E6 }
```

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

Here you see how a box with a 4 pixel #FFC2E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC2E6; -webkit-box-shadow:4px 4px  
4px 4px #FFC2E6; box-shadow:4px 4px 4px  
4px #FFC2E6 }
```

# Background

The CSS property to change the background color of an element to Hex FFC2E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC2E6 }
```

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

```
.background{ background-color:#FFC2E6 }
```

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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