

# Converting Colors

Hex(FDC0E8)

Have a look what the booklet for  
Hex(FDC0E8) contains.

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# **Color**

**Hex(FDC0E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDC0E8
RGB	253, 192, 232
RGB Percent	99%, 75%, 91%
CMY	0.0078, 0.2471, 0.0902
CMYK	0.00, 0.24, 0.08, 0.01
HSL	321°, 94%, 87%
HSV	321°, 24%, 99%
XYZ	73.9231, 64.4081, 84.8798
YIQ	214.7990, 23.5160, 25.3720

# Conversions

## Conversions Part 2

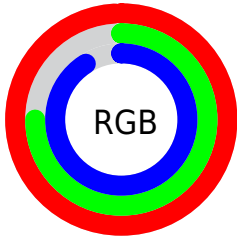
Format	Color
R <sub>Y</sub> B	253, 192, 232
Decimal	16629992
CIE <sub>Lab</sub>	84.18, 28.02, -11.35
CIE <sub>LCh</sub>	84, 30.226, 337.950
Y <sub>xy</sub>	64.4081, 0.3312, 0.2886
Android (android.graphics.Color)	4294820072 (0xFFFD0E8)
Y <sub>UV</sub>	214.7990, 8.4801, 33.5023
Hunter-Lab	80.2547, 23.9719, -6.5286

# Details

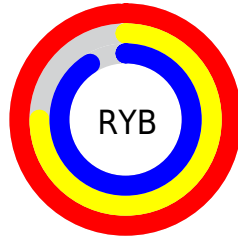
The Hex color **FDC0E8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C0FDD5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFF9FF**, and **C48AB0** is the 20% darker color. If you saturate the color by 10%, you get **FDA7DF**, and if you desaturate by 10%, it is **FDD9F1**.

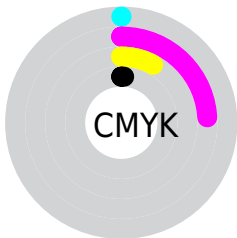
# Distribution



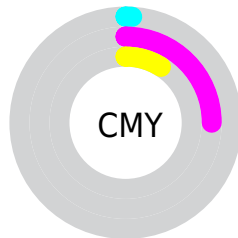
- Red (99%)
- Green (75%)
- Blue (91%)



- Red (99%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDC0E8 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 FDC0E8 by changing the saturation by 10% instead.



 FDC0E8

 FDC0E8

FFFFFF

 E0A5CC

 FFF9FF

 C48AB0

 A87096

 8D577C

 733F63

 5A284B

 411034

 2B001F

 060003

 FDC0E8

 FDC0E8

 FDA7DF

 FDD9F1

 FD8DD7

 FDF3F9

 FD74CE

 FDFFFF

 FD5BC5

 FD42BC

 FD28B4

 FD0FAB

 FD00A6

# Harmonies

## Analogous

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



E0C8FF



FDC0E8



FFBDCB

# Triad

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



FDC0E8



DFD399



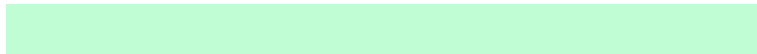
7EE0F4

# Complementary

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



FDC0E8



C0FDD5

# 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.



85E2D9



FDC0E8



C0DBA4

# Square

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



FDC0E8



F9C99E



9FE0BC



93DBFF

# Rectangle

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



FDC0E8



FFBFB9



9FE0BC



7DE1EC



# Sweetspot

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



FDC0E8



FFEDF9



D4C0FD



80757C



000000



808080



# Same Dimension

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



FDC0E8



FFB5E6



FDC0CA



80737B



BF007D



40002A



# Inverse Universe

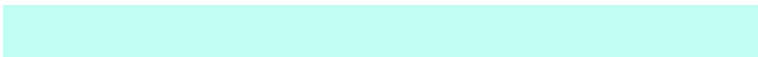
The Inverse Universe completely reimagines the original color for something new.



FDC0E8



FFB5E6



C0FDF3



80737B



BF007D



40002A



# Previews

## White Background



This preview shows how the Hex color FDC0E8 looks on a white background.

## Color Contrast Check

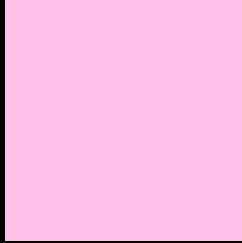
Large Text (above 18pt) WCAG AA × Fail

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 FDC0E8 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 FDC0E8 Background



This preview shows how black text looks on a background with the Hex color FDC0E8.

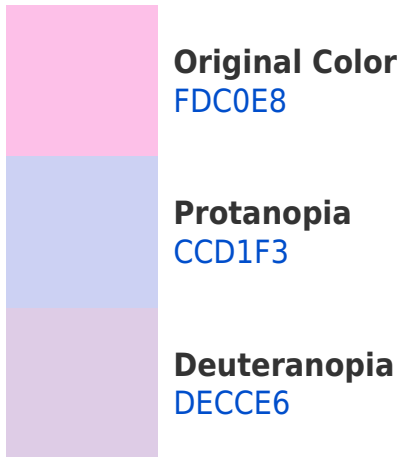


This preview shows how white text looks on a background with the Hex color FDC0E8.

# 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



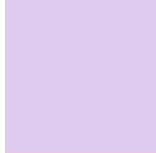


**Tritanopia**  
FAC4D3

# Trichromacy



**Original Color**  
FDC0E8



**Protanomaly**  
DECBEF



**Deuteranomaly**  
E9C8E7

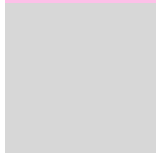


**Tritanomaly**  
FBC3DB

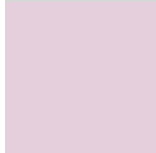
# Monochromacy



**Original Color**  
FDC0E8



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E5CFDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDC0E8 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 #FDC0E8 looks like.

```
.text, #text, p{  
    color:#FDC0E8  
}
```

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 #FDC0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDC0E8
}
```

## Border

The CSS property to change the border of an element to Hex FDC0E8 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
#FDC0E8 }
```

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

```
.border{ border-color:#FDC0E8 }
```

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

Here you see how a box with a 4 pixel #FDC0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDC0E8; -webkit-box-shadow:4px 4px  
4px 4px #FDC0E8; box-shadow:4px 4px 4px  
4px #FDC0E8 }
```

# Background

The CSS property to change the background color of an element to Hex FDC0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDC0E8 }
```

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

```
.background{ background-color:#FDC0E8 }
```

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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