

# Converting Colors

Hex(FC8DE0)

Have a look what the booklet for  
Hex(FC8DE0) contains.

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# Color

**Hex(FC8DE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC8DE0
RGB	252, 141, 224
RGB Percent	99%, 55%, 88%
CMY	0.0118, 0.4471, 0.1216
CMYK	0.00, 0.44, 0.11, 0.01
HSL	315°, 95%, 77%
HSV	315°, 44%, 99%
XYZ	63.1243, 45.1270, 75.9044
YIQ	183.6510, 39.5130, 49.3450

# Conversions

## Conversions Part 2

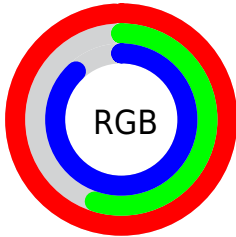
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 141, 224
Decimal	16551392
CIE Lab	72.98, 52.72, -23.93
CIE LCh	73, 57.899, 335.587
Yxy	45.1270, 0.3428, 0.2450
Android (android.graphics.Color)	4294741472 (0xFFFC8DE0)
YUV	183.6510, 19.8921, 59.9421
Hunter-Lab	67.1766, 50.1731, -19.9694

# Details

The Hex color **FC8DE0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8DFCA9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFC5FF**, and **C157A9** is the 20% darker color. If you saturate the color by 10%, you get **FC74DA**, and if you desaturate by 10%, it is **FCA6E6**.

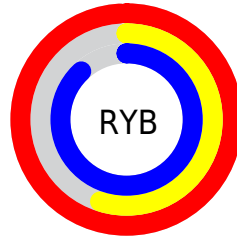
# Distribution



Red (99%)

Green (55%)

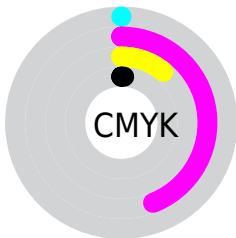
Blue (88%)



Red (99%)

Yellow (55%)

Blue (88%)

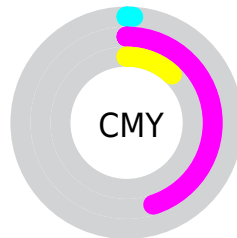


Cyan (0%)

Magenta (44%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (45%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC8DE0 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 FC8DE0 by changing the saturation by 10% instead.



 FC8DE0

 FC8DE0

FFFFFF

 DE72C4

 FFC5FF

 C157A9

 FFE2FF

 A53C8E

 891E74

 6E005B

 530044

 3A002D

 1F0018

 000000

 FC8DE0

 FC8DE0

 FC74DA

 FCA6E6

 FC5BD3

 FCBFED

 FC41CD

 FCD9F3

 FC28C7

 FCF2F9

 FC0FC0

 FCFFFF

 FC00BC

# Harmonies

## Analogous

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



C3A1FF



FC8DE0



FF84AB

# Triad

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



FC8DE0



C8B444



00CCEF

# Complementary

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



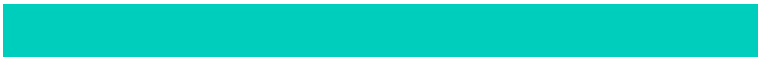
FC8DE0



8DFCA9

# 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.



00CEBC



FC8DE0



90C259

# Square

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



FC8DE0



F4A052



40CA85



00C4FF

# Rectangle

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



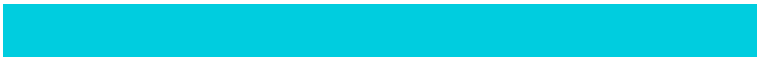
FC8DE0



FF8988



40CA85



00CDDF



# Sweetspot

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



FC8DE0



FFDEF7



A98DFC



806B7A



000000



808080



# Same Dimension

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



FC8DE0



FF78DD



FC8DA9



7D707A



BD008D



3D002E



# Inverse Universe

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



FC8DE0



FF78DD



8DFCE0



7D707A



BD008D

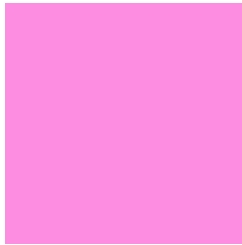


3D002E



# Previews

## White Background



This preview shows how the Hex color FC8DE0 looks on a white background.

## Color Contrast Check

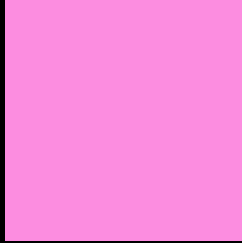
Large Text (above 18pt) WCAG AA × Fail

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 FC8DE0 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 FC8DE0 Background



This preview shows how black text looks on a background with the Hex color FC8DE0.

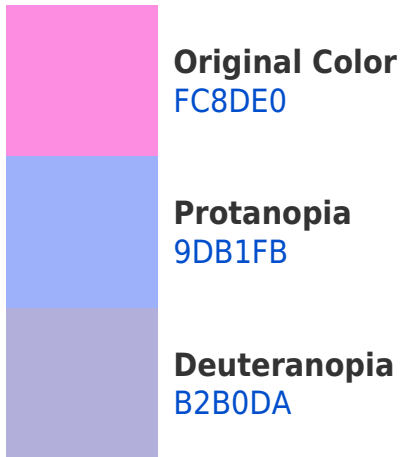


This preview shows how white text looks on a background with the Hex color FC8DE0.

# 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**  
F599A5

# Trichromacy



**Original Color**  
FC8DE0



**Protanomaly**  
C0A4F1



**Deuteranomaly**  
CDA3DC



**Tritanomaly**  
F895BA

# Monochromacy



**Original Color**  
FC8DE0



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
D1A8C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC8DE0 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 #FC8DE0 looks like.

```
.text, #text, p{  
    color:#FC8DE0  
}
```

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 #FC8DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC8DE0  
}
```

## Border

The CSS property to change the border of an element to Hex FC8DE0 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  
#FC8DE0 }
```

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

```
.border{ border-color:#FC8DE0 }
```

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

Here you see how a box with a 4 pixel #FC8DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC8DE0; -webkit-box-shadow:4px 4px  
4px 4px #FC8DE0; box-shadow:4px 4px 4px  
4px #FC8DE0 }
```

# Background

The CSS property to change the background color of an element to Hex FC8DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC8DE0 }
```

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

```
.background{ background-color:#FC8DE0 }
```

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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