

# Converting Colors

Hex(F077DC)

Have a look what the booklet for  
Hex(F077DC) contains.

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**Color**

**Hex(F077DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F077DC
RGB	240, 119, 220
RGB Percent	94%, 47%, 86%
CMY	0.0588, 0.5333, 0.1373
CMYK	0.00, 0.50, 0.08, 0.06
HSL	310°, 80%, 70%
HSV	310°, 50%, 94%
XYZ	55.4503, 36.8862, 71.9073
YIQ	166.6930, 39.6950, 57.0630

# Conversions

## Conversions Part 2

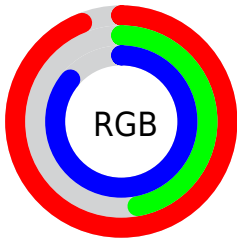
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	240, 119, 220
Decimal	15759324
CIE <sub>Lab</sub>	67.19, 59.21, -30.73
CIE <sub>LCh</sub>	67, 66.708, 332.566
Yxy	36.8862, 0.3376, 0.2246
Android (android.graphics.Color)	4293949404 (0xFFFF077DC)
YUV	166.6930, 26.2804, 64.2902
Hunter-Lab	60.7340, 56.6863, -27.6838

# Details

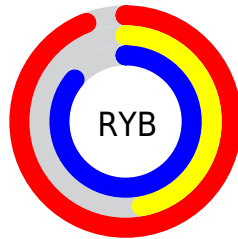
The Hex color **F077DC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77F08B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFAFFF**, and **B53FA5** is the 20% darker color. If you saturate the color by 10%, you get **F05FD8**, and if you desaturate by 10%, it is **F08FE0**.

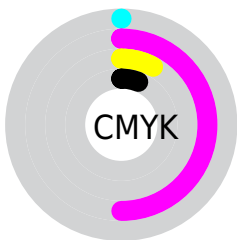
# Distribution



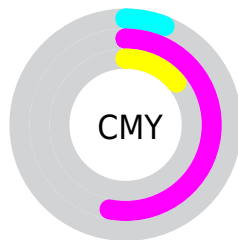
- Red (94%)
- Green (47%)
- Blue (86%)



- Red (94%)
- Yellow (47%)
- Blue (86%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F077DC 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 F077DC by changing the saturation by 10% instead.



 F077DC

 F077DC

FFFFFF

 D25BC0

 FFAFFF

 B53FA5

 FFCCFF

 99208A

 FFE9FF

 7D0070

 620058

 470040

 2F002A

 000013

 000000

 F077DC

 F077DC

 F05FD8

 F08FE0

 F047D4

 F0A7E4

 F02FD0

 F0BFE8

 F017CC

 F0D7EC

 F000C8

 F0EFF0

 F0FFF4

 F0FFF8

 F0FFFC

 F0FFFF

# Harmonies

## Analogous

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



AB91FF



F077DC



FF69A1

# Triad

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



F077DC



BDA218



00BFE3

# Complementary

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



F077DC



77F08B

# 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.



00C0A7



F077DC



80B334

# Square

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



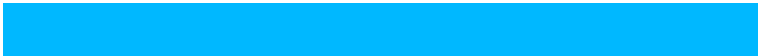
F077DC



ED8C35



00BC69



00B8FF

# Rectangle

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



F077DC



FF6E79



00BC69



00C0D0



# Sweetspot

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



F077DC



FFD9F9



8977F0



80697C



000000



808080



# Same Dimension

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



F077DC



FF63E5



F077A1



786C76



B80099



38002F



# Inverse Universe

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



F077DC



FF63E5



77F0C6



786C76



B80099

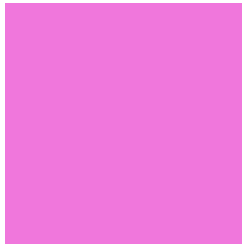


38002F



# Previews

## White Background



This preview shows how the Hex color F077DC looks on a white background.

## Color Contrast Check

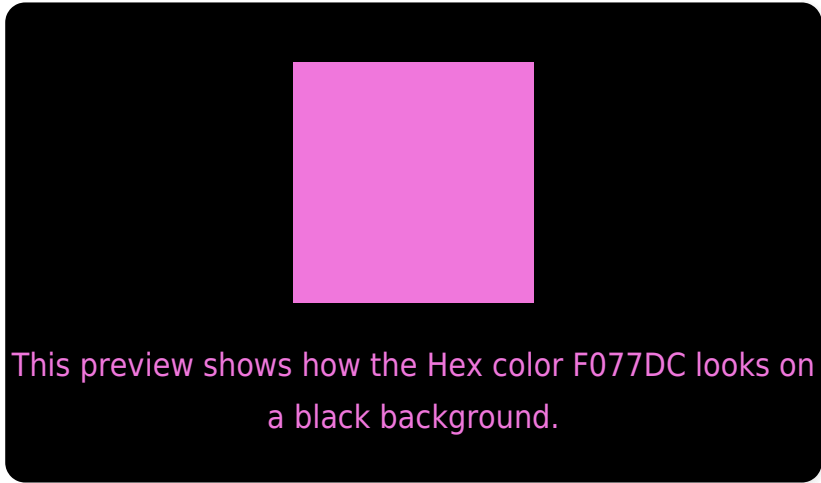
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 F077DC Background



This preview shows how black text looks on a background with the Hex color F077DC.

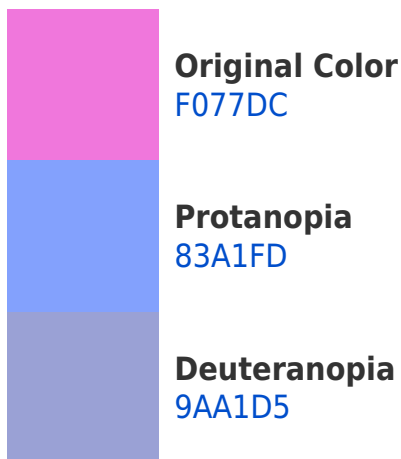


This preview shows how white text looks on a background with the Hex color F077DC.

# 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**  
E88892

# Trichromacy



**Original Color**  
F077DC



**Protanomaly**  
AB92F1



**Deuteranomaly**  
B992D8



**Tritanomaly**  
EB82AD

# Monochromacy



**Original Color**  
F077DC



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C296BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F077DC 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 #F077DC looks like.

```
.text, #text, p{  
    color:#F077DC  
}
```

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 #F077DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F077DC
}
```

## Border

The CSS property to change the border of an element to Hex F077DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

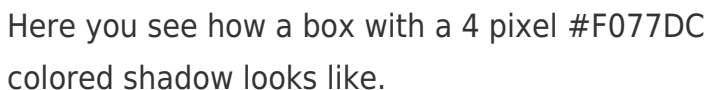
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F077DC }
```

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

```
.border{ border-color:#F077DC }
```

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



Here you see how a box with a 4 pixel #F077DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F077DC; -webkit-box-shadow:4px 4px  
4px 4px #F077DC; box-shadow:4px 4px 4px  
4px #F077DC }
```

# Background

The CSS property to change the background color of an element to Hex F077DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F077DC }
```

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

```
.background{ background-color:#F077DC }
```

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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