

# Converting Colors

Hex(F480DC)

Have a look what the booklet for  
Hex(F480DC) contains.

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**Color**

**Hex(F480DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F480DC
RGB	244, 128, 220
RGB Percent	96%, 50%, 86%
CMY	0.0431, 0.4980, 0.1373
CMYK	0.00, 0.48, 0.10, 0.04
HSL	312°, 84%, 73%
HSV	312°, 48%, 96%
XYZ	57.9457, 39.8387, 72.3457
YIQ	173.1720, 39.6040, 53.2040

# Conversions

## Conversions Part 2

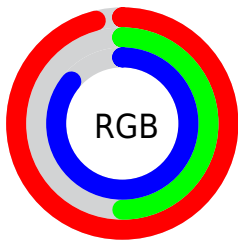
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">244, 128, 220</a>
Decimal	<a href="#">16023772</a>
CIELab	<a href="#">69.35, 56.06, -27.36</a>
CIElCh	<a href="#">69, 62.378, 333.986</a>
Yxy	<a href="#">39.8387, 0.3406, 0.2342</a>
Android (android.graphics.Color)	<a href="#">4294213852 (0xFFFF480DC)</a>
YUV	<a href="#">173.1720, 23.0862, 62.1162</a>
Hunter-Lab	<a href="#">63.1179, 53.4162, -23.7756</a>

# Details

The Hex color **F480DC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80F498**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB8FF**, and **BA49A5** is the 20% darker color. If you saturate the color by 10%, you get **F468D7**, and if you desaturate by 10%, it is **F498E1**.

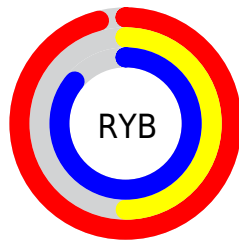
# Distribution



Red (96%)

Green (50%)

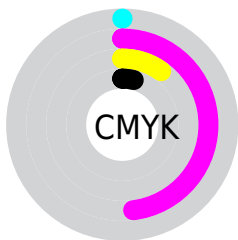
Blue (86%)



Red (96%)

Yellow (50%)

Blue (86%)

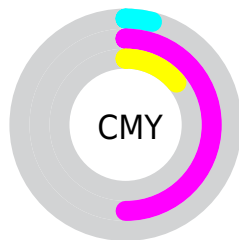


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (50%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F480DC 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 F480DC by changing the saturation by 10% instead.



 F480DC

 F480DC

FFFFFF

 D665C0

 FFB8FF

 BA49A5

 FFD5FF

 9D2D8A

 FFF2FF

 810571

 660058

 4B0040

 34002A

 0F0014

 000000

 F480DC

 F480DC

 F468D7

 F498E1

 F44FD2

 F4B1E6

 F437CD

 F4C9EB

 F41EC8

 F4E2F0

 F406C3

 F4FAF5

 F400C2

 F4FFFA

 F4FFFF

# Harmonies

## Analogous

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



B597FF



F480DC



FF75A4

# Triad

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



F480DC



C1A92E



00C3E7

# Complementary

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



F480DC



80F498

# 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.



00C5AF



F480DC



86B845

# Square

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



F480DC



EE9442



25C175



00BCFF

# Rectangle

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



F480DC



FF797F



25C175



00C4D6



# Sweetspot

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



F480DC



FFDBF8



9780F4



806A7B



000000



808080



# Same Dimension

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



F480DC



FF6EE1



F480A3



7A6E78



BA0094



3B002F



# Inverse Universe

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



F480DC



FF6EE1



80F4D1



7A6E78



BA0094

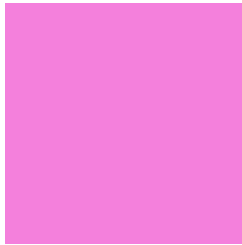


3B002F



# Previews

## White Background



This preview shows how the Hex color F480DC looks on a white background.

## Color Contrast Check

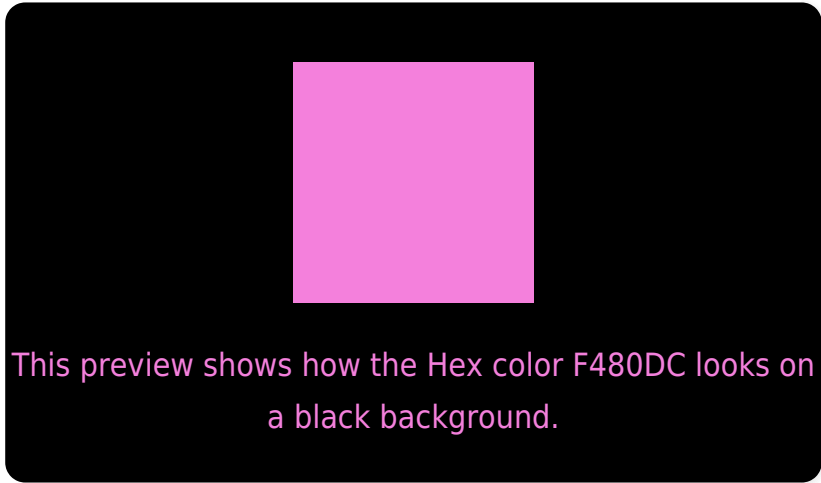
Large Text (above 18pt) WCAG AA × Fail

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 F480DC Background



This preview shows how black text looks on a background with the Hex color F480DC.



This preview shows how white text looks on a background with the Hex color F480DC.

# 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**  
EC8F99

# Trichromacy



**Original Color**  
F480DC



**Protanomaly**  
B399EF



**Deuteranomaly**  
C198D8



**Tritanomaly**  
EF8AB1

# Monochromacy



**Original Color**  
F480DC



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C79DBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F480DC 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 #F480DC looks like.

```
.text, #text, p{  
    color:#F480DC  
}
```

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 #F480DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F480DC
}
```

## Border

The CSS property to change the border of an element to Hex F480DC 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
#F480DC }
```

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

```
.border{ border-color:#F480DC }
```

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

Here you see how a box with a 4 pixel #F480DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F480DC; -webkit-box-shadow:4px 4px  
4px 4px #F480DC; box-shadow:4px 4px 4px  
4px #F480DC }
```

# Background

The CSS property to change the background color of an element to Hex F480DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F480DC }
```

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

```
.background{ background-color:#F480DC }
```

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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