

# Converting Colors

Hex(F480DA)

Have a look what the booklet for  
Hex(F480DA) contains.

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# **Color**

**Hex(F480DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F480DA
RGB	244, 128, 218
RGB Percent	96%, 50%, 85%
CMY	0.0431, 0.4980, 0.1451
CMYK	0.00, 0.48, 0.11, 0.04
HSL	313°, 84%, 73%
HSV	313°, 48%, 96%
XYZ	57.6823, 39.7334, 70.9588
YIQ	172.9440, 40.2460, 52.5820

# Conversions

## Conversions Part 2

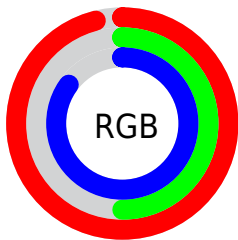
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">244, 128, 218</a>
Decimal	<a href="#">16023770</a>
CIELab	<a href="#">69.28, 55.74, -26.37</a>
CIELCh	<a href="#">69, 61.661, 334.685</a>
Yxy	<a href="#">39.7334, 0.3426, 0.2360</a>
Android (android.graphics.Color)	<a href="#">4294213850 (0xFFFF480DA)</a>
YUV	<a href="#">172.9440, 22.2126, 62.3161</a>
Hunter-Lab	<a href="#">63.0344, 53.0336, -22.6195</a>

# Details

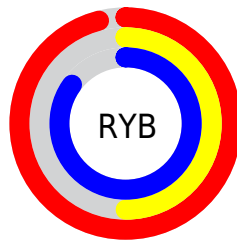
The Hex color **F480DA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80F49A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB8FF**, and **BA49A3** is the 20% darker color. If you saturate the color by 10%, you get **F468D5**, and if you desaturate by 10%, it is **F498DF**.

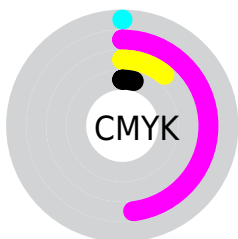
# Distribution



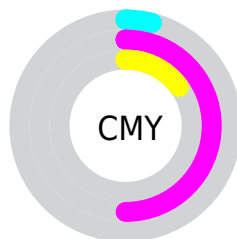
- Red (96%)
- Green (50%)
- Blue (85%)



- Red (96%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F480DA 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 F480DA by changing the saturation by 10% instead.



 F480DA

 F480DA

FFFFFF

 D665BE

 FFB8FF

 BA49A3

 FFD5FF

 9D2D88

 FFF2FF

 81056F

 660056

 4B003F

 340029

 0F0012

 000000

 F480DA

 F480DA

 F468D5

 F498DF

 F44FCF

 F4B1E5

 F437CA

 F4C9EA

 F41EC4

 F4E2F0

 F406BF

 F4FAF5

 F400BD

 F4FFFB

 F4FFFF

# Harmonies

## Analogous

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



B797FF



F480DA



FF76A3

# Triad

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



F480DA



BFA930



00C3E7

# Complementary

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



F480DA



80F49A

# 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.



00C4B1



F480DA



85B847

# Square

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



F480DA



ED9542



24C177



00BBFF

# Rectangle

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



F480DA



FF7A7E



24C177



00C4D6



# Sweetspot

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



F480DA



FFDBF7



9980F4



806A7B



000000



808080



# Same Dimension

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



F480DA



FF6EDE



F480A1



7A6E78



BA0090



3B002E



# Inverse Universe

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



F480DA



FF6EDE



80F4D3



7A6E78



BA0090

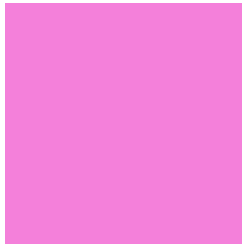


3B002E



# Previews

## White Background



This preview shows how the Hex color F480DA looks on a white background.

## Color Contrast Check

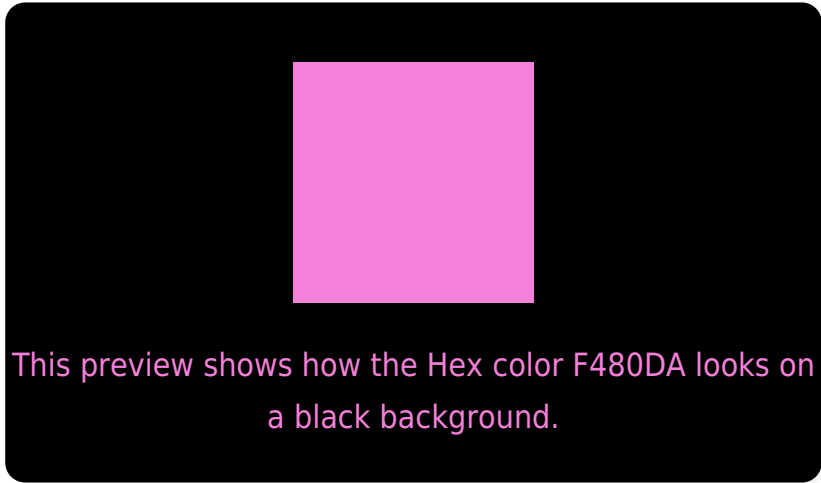
Large Text (above 18pt) WCAG AA × Fail

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 F480DA Background



This preview shows how black text looks on a background with the Hex color F480DA.

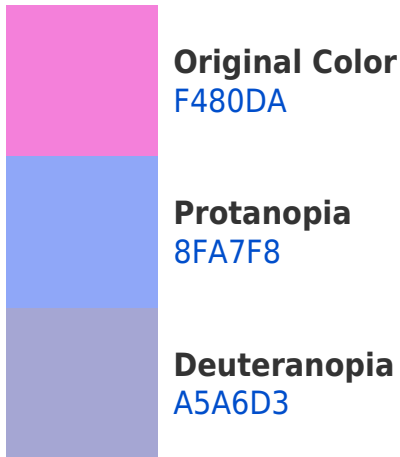


This preview shows how white text looks on a background with the Hex color F480DA.

# 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**  
ED8E99

# Trichromacy



**Original Color**  
F480DA



**Protanomaly**  
B499ED



**Deuteranomaly**  
C298D6



**Tritanomaly**  
F089B1

# Monochromacy



**Original Color**  
F480DA



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C79DBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F480DA 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 #F480DA looks like.

```
.text, #text, p{  
    color:#F480DA  
}
```

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 #F480DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F480DA
}
```

## Border

The CSS property to change the border of an element to Hex F480DA 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
#F480DA }
```

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

```
.border{ border-color:#F480DA }
```

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

Here you see how a box with a 4 pixel #F480DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F480DA; -webkit-box-shadow:4px 4px  
4px 4px #F480DA; box-shadow:4px 4px 4px  
4px #F480DA }
```

# Background

The CSS property to change the background color of an element to Hex F480DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F480DA }
```

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

```
.background{ background-color:#F480DA }
```

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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