

# Converting Colors

Hex(F476D9)

Have a look what the booklet for  
Hex(F476D9) contains.

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**Color**

**Hex(F476D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F476D9
RGB	244, 118, 217
RGB Percent	96%, 46%, 85%
CMY	0.0431, 0.5373, 0.1490
CMYK	0.00, 0.52, 0.11, 0.04
HSL	313°, 85%, 71%
HSV	313°, 52%, 96%
XYZ	56.3110, 37.1997, 69.8580
YIQ	166.9600, 43.3170, 57.5010

# Conversions

## Conversions Part 2

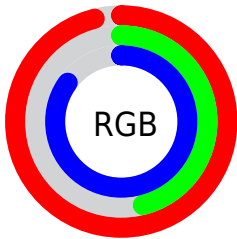
Format	Color
R <sub>Y</sub> B	244, 118, 217
Decimal	16021209
CIE Lab	67.43, 60.34, -28.66
CIE LCh	67, 66.803, 334.596
Yxy	37.1997, 0.3447, 0.2277
Android (android.graphics.Color)	4294211289 (0xFFFF476D9)
YUV	166.9600, 24.6697, 67.5641
Hunter-Lab	60.9916, 58.0666, -25.2150

# Details

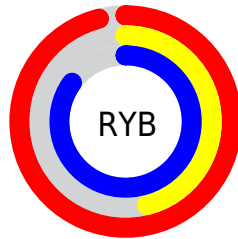
The Hex color **F476D9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76F491**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFAEFF**, and **B93EA2** is the 20% darker color. If you saturate the color by 10%, you get **F45ED4**, and if you desaturate by 10%, it is **F48EDE**.

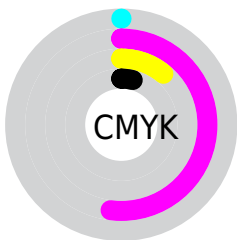
# Distribution



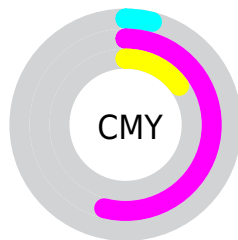
- Red (96%)
- Green (46%)
- Blue (85%)



- Red (96%)
- Yellow (46%)
- Blue (85%)



- Cyan (0%)
- Magenta (52%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (54%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F476D9 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 F476D9 by changing the saturation by 10% instead.



 F476D9

 F476D9

FFFFFF

 D65ABD

 FFAEFF

 B93EA2

 FFCBFF

 9D1D87

 FFE8FF

 81006E

 650055

 4A003E

 310027

 080010

 000000

 F476D9

 F476D9

 F45ED4

 F48EDE

 F445CF

 F4A7E3

 F42DC9

 F4BFE9

 F414C4

 F4D8EE

 F400C0

 F4F0F3

 F4FFF8

 F4FFFE

 F4FFFF

# Harmonies

## Analogous

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



B290FF



F476D9



FF699D

# Triad

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



F476D9



BAA418



00BFE7

# Complementary

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



F476D9



76F491

# 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.



00C1AC



F476D9



7CB438

# Square

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



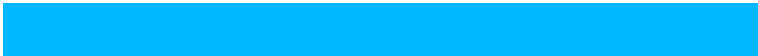
F476D9



EB8E33



00BD6E



00B8FF

# Rectangle

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



F476D9



FF6F76



00BD6E



00C0D5



# Sweetspot

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



F476D9



FFD9F7



8F76F4



80697B



000000



808080



# Same Dimension

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



F476D9



FF61DD



F4769C



7A6E78



BA0092



3B002E



# Inverse Universe

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



F476D9



FF61DD



76F4CE



7A6E78



BA0092



3B002E



# Previews

## White Background



This preview shows how the Hex color F476D9 looks on a white background.

## Color Contrast Check

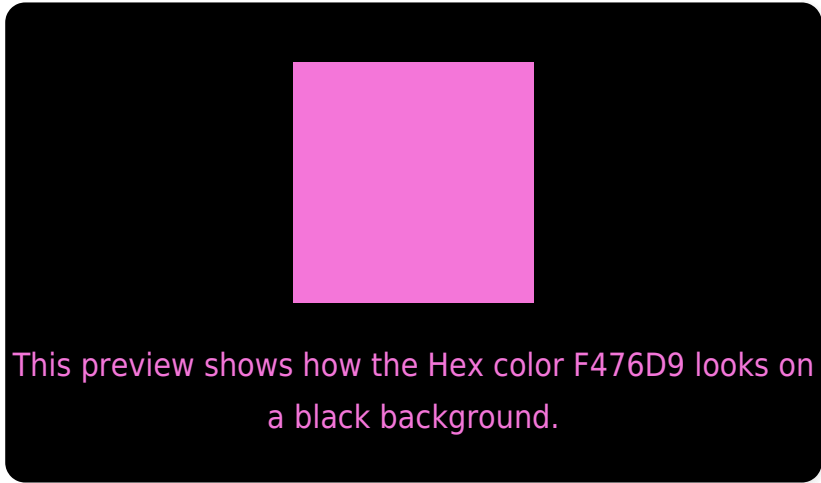
Large Text (above 18pt) WCAG AA × Fail

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 F476D9 Background



This preview shows how black text looks on a background with the Hex color F476D9.

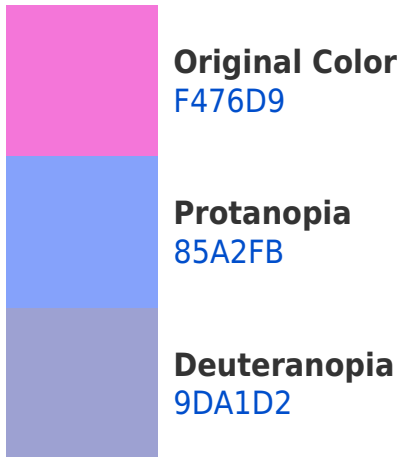


This preview shows how white text looks on a background with the Hex color F476D9.

# 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**  
EC8791

# Trichromacy



**Original Color**  
F476D9



**Protanomaly**  
AD92EF



**Deuteranomaly**  
BD91D5



**Tritanomaly**  
EF81AB

# Monochromacy



**Original Color**  
F476D9



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C395B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F476D9 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 #F476D9 looks like.

```
.text, #text, p{  
    color:#F476D9  
}
```

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 #F476D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F476D9
}
```

## Border

The CSS property to change the border of an element to Hex F476D9 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
#F476D9 }
```

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

```
.border{ border-color:#F476D9 }
```

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

Here you see how a box with a 4 pixel #F476D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F476D9; -webkit-box-shadow:4px 4px  
4px 4px #F476D9; box-shadow:4px 4px 4px  
4px #F476D9 }
```

# Background

The CSS property to change the background color of an element to Hex F476D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F476D9 }
```

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

```
.background{ background-color:#F476D9 }
```

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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