

Converting Colors

Hex(F476DA)

Have a look what the booklet for
Hex(F476DA) contains.

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Color

Hex(F476DA)

Conversions

Conversions Part 1

Format	Color
Hex	F476DA
RGB	244, 118, 218
RGB Percent	96%, 46%, 85%
CMY	0.0431, 0.5373, 0.1451
CMYK	0.00, 0.52, 0.11, 0.04
HSL	312°, 85%, 71%
HSV	312°, 52%, 96%
XYZ	56.4415, 37.2519, 70.5452
YIQ	167.0740, 42.9960, 57.8120

Conversions

Conversions Part 2

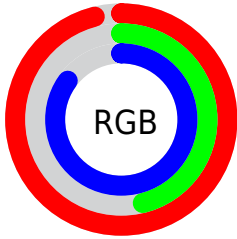
Format	Color
RYB	244, 118, 218
Decimal	16021210
CIELab	67.47, 60.50, -29.15
CIELCh	67, 67.158, 334.271
Yxy	37.2519, 0.3437, 0.2268
Android (android.graphics.Color)	4294211290 (0xFFFF476DA)
YUV	167.0740, 25.1065, 67.4641
Hunter-Lab	61.0344, 58.2579, -25.8050

Details

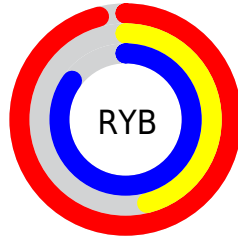
The Hex color **F476DA** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76F490**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFAEFF**, and **B93EA3** is the 20% darker color. If you saturate the color by 10%, you get **F45ED5**, and if you desaturate by 10%, it is **F48EDF**.

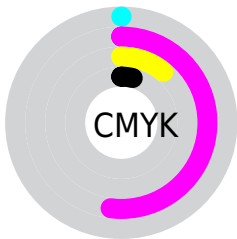
Distribution



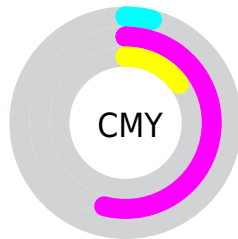
- Red (96%)
- Green (46%)
- Blue (85%)



- 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 F476DA 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 F476DA by changing the saturation by 10% instead.

 F476DA

 F476DA

FFFFFF

 D65ABE

 FFAEFF

 B93EA3

 FFCBFF

 9D1D88

 FFE8FF

 81006F

 650056

 4A003E

 310028

 080011

 000000

 F476DA

 F476DA

 F45ED5

 F48EDF

 F445D0

 F4A7E4

 F42DCB

 F4BFE9

 F414C6

 F4D8EE

 F400C2

 F4F0F3

 F4FFF8

 F4FFFD

 F4FFFF

Harmonies

Analogous

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



B190FF



F476DA



FF699E

Triad

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



F476DA



BBA417



00C0E7

Complementary

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



F476DA



76F490

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.



00C1AB



F476DA



7CB437

Square

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



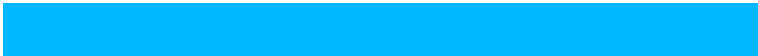
F476DA



EC8E32



00BD6D



00B8FF

Rectangle

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



F476DA



FF6F76



00BD6D



00C1D4

Sweetspot

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



F476DA



FFD9F7



8F76F4



80697B



000000



808080

Same Dimension

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



F476DA



FF61DE



F4769C



7A6E78



BA0094



3B002F

Inverse Universe

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



F476DA



FF61DE



76F4CE



7A6E78



BA0094



3B002F

Previews

White Background



This preview shows how the Hex color F476DA looks on a white background.

Color Contrast Check

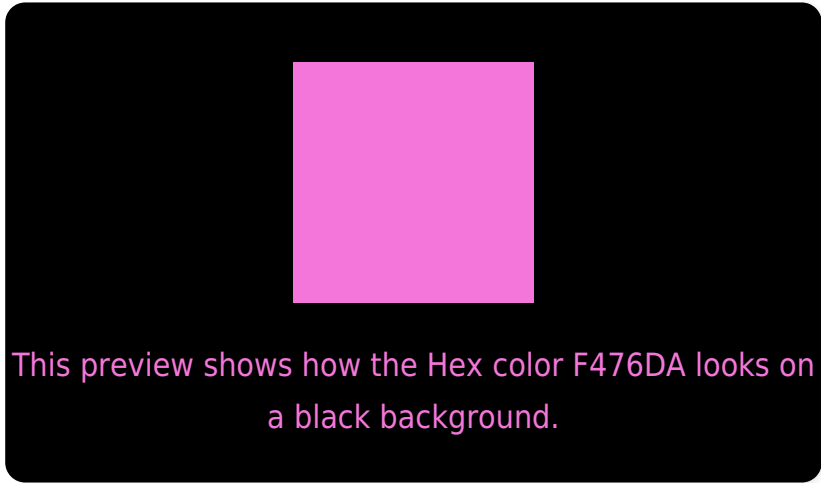
Large Text (above 18pt) WCAG AA × Fail

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 F476DA Background



This preview shows how black text looks on a background with the Hex color F476DA.

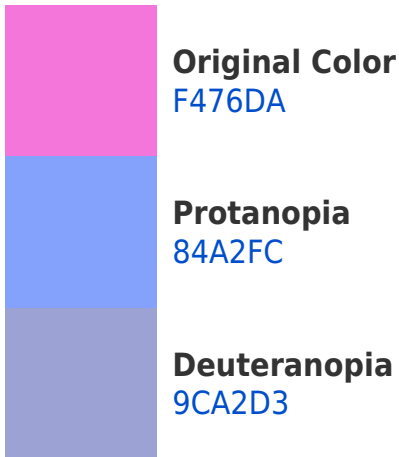


This preview shows how white text looks on a background with the Hex color F476DA.

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
F476DA



Protanomaly
AD92F0



Deuteranomaly
BC92D6



Tritanomaly
EF81AC

Monochromacy



Original Color
F476DA



Achromatopsia
A7A7A7



Achromatomaly
C395BA

CSS Examples

Text

The CSS property to change the color of the text to Hex F476DA 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 #F476DA looks like.

```
.text, #text, p{  
    color:#F476DA  
}
```

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 #F476DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F476DA
}
```

Border

The CSS property to change the border of an element to Hex F476DA 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
#F476DA }
```

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

```
.border{ border-color:#F476DA }
```

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

Here you see how a box with a 4 pixel #F476DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F476DA; -webkit-box-shadow:4px 4px  
4px 4px #F476DA; box-shadow:4px 4px 4px  
4px #F476DA }
```

Background

The CSS property to change the background color of an element to Hex F476DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F476DA }
```

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

```
.background{ background-color:#F476DA }
```

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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