

# Converting Colors

Hex(D3477F)

Have a look what the booklet for  
Hex(D3477F) contains.

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# Color

**Hex(D3477F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3477F
RGB	211, 71, 127
RGB Percent	83%, 28%, 50%
CMY	0.1725, 0.7216, 0.5020
CMYK	0.00, 0.66, 0.40, 0.17
HSL	336°, 61%, 55%
HSV	336°, 66%, 83%
XYZ	32.9480, 19.8877, 22.1808
YIQ	119.2440, 65.4640, 47.0960

# Conversions

## Conversions Part 2

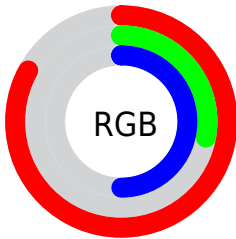
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 71, 127
Decimal	13846399
CIE <sub>Lab</sub>	51.71, 59.38, -0.94
CIE <sub>LCh</sub>	52, 59.391, 359.094
Yxy	19.8877, 0.4392, 0.2651
Android (android.graphics.Color)	4292036479 (0xFFD3477F)
YUV	119.2440, 3.8237, 80.4700
Hunter-Lab	44.5956, 53.8365, 1.7274

# Details

The Hex color **D3477F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **47D39B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF80B4**, and **98004E** is the 20% darker color. If you saturate the color by 10%, you get **D33272**, and if you desaturate by 10%, it is **D35C8C**.

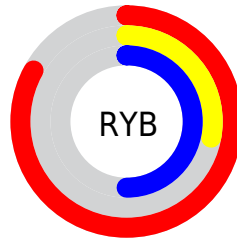
# Distribution



Red (83%)

Green (28%)

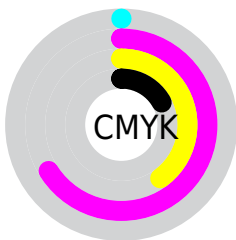
Blue (50%)



Red (83%)

Yellow (28%)

Blue (50%)

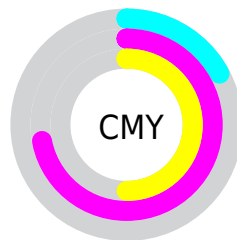


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (17%)



Cyan (17%)

Magenta (72%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3477F 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 D3477F by changing the saturation by 10% instead.



 D3477F

 D3477F

FFFFFF

 B52866

 FF80B4

 98004E

 FF9CCF

 7B0038

 FFB8EB

 5E0022

 FFD5FF

 44000C

 FFF3FF

 250001

 000000

 D3477F

 D3477F

 D33272

 D35C8C

 D31D66

 D37198

 D30859

 D386A5

 D30054

 D39BB2

 D3B1BE

 D3C6CB

 D3DBD8

 D3F0E4

 D3FFF1

# Harmonies

## Analogous

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



B657B0



D3477F



D34F4D

# Triad

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



D3477F



638713



008DD2

# Complementary

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



D3477F



47D39B

# 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.



0092AB



D3477F



008F44

# Square

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



D3477F



957800



009278



0082E1

# Rectangle

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



D3477F



C55D2F



009278



0090C7



# Sweetspot

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



D3477F



FFCCE0



9B47D3



80616D



000000



808080



# Same Dimension

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



D3477F



FF3385



D35547



695E62



A80043



290010



# Inverse Universe

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



D3477F



FF3385



47C5D3



695E62



A80043



290010



# Previews

## White Background



This preview shows how the Hex color D3477F looks on a white background.

## Color Contrast Check

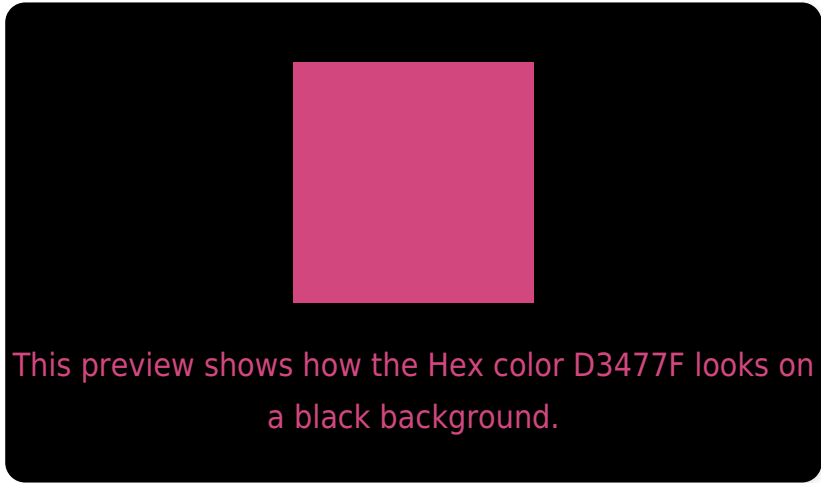
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3477F Background



This preview shows how black text looks on a background with the Hex color D3477F.

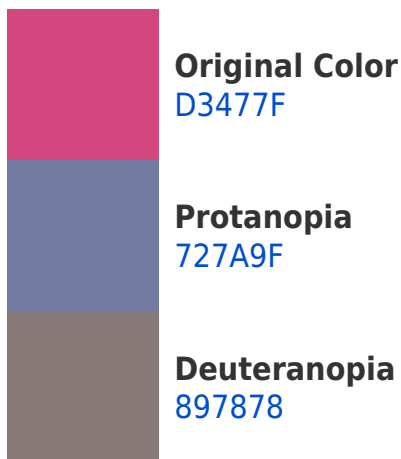


This preview shows how white text looks on a background with the Hex color D3477F.

# 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**  
D05055

# Trichromacy



**Original Color**  
D3477F



**Protanomaly**  
956793



**Deuteranomaly**  
A4667B

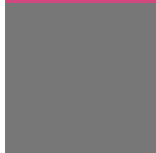


**Tritanomaly**  
D14D64

# Monochromacy



**Original Color**  
D3477F



**Achromatopsia**  
777777



**Achromatomaly**  
98667A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3477F 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 #D3477F looks like.

```
.text, #text, p{  
  color:#D3477F  
}
```

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 #D3477F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3477F
}
```

## Border

The CSS property to change the border of an element to Hex D3477F 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
#D3477F }
```

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

```
.border{ border-color:#D3477F }
```

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

Here you see how a box with a 4 pixel #D3477F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3477F; -webkit-box-shadow:4px 4px  
4px 4px #D3477F; box-shadow:4px 4px 4px  
4px #D3477F }
```

# Background

The CSS property to change the background color of an element to Hex D3477F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3477F }
```

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

```
.background{ background-color:#D3477F }
```

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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