

# Converting Colors

Hex(D46DEC)

Have a look what the booklet for  
Hex(D46DEC) contains.

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# Color

Hex(D46DEC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D46DEC
RGB	212, 109, 236
RGB Percent	83%, 43%, 93%
CMY	0.1686, 0.5725, 0.0745
CMYK	0.10, 0.54, 0.00, 0.07
HSL	289°, 77%, 68%
HSV	289°, 54%, 93%
XYZ	47.7603, 30.9905, 82.8214
YIQ	154.2750, 20.6210, 61.3330

# Conversions

## Conversions Part 2

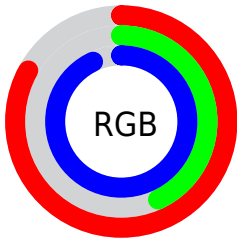
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 109, 236
Decimal	13921772
CIE Lab	62.50, 59.15, -47.22
CIE LCh	62, 75.687, 321.396
Yxy	30.9905, 0.2956, 0.1918
Android (android.graphics.Color)	4292111852 (0xFFD46DEC)
YUV	154.2750, 40.2904, 50.6248
Hunter-Lab	55.6691, 55.7202, -49.2401

# Details

The Hex color **D46DEC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **85EC6D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA4FF**, and **9B36B4** is the 20% darker color. If you saturate the color by 10%, you get **D055EC**, and if you desaturate by 10%, it is **D885EC**.

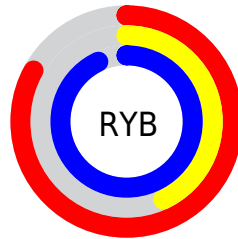
# Distribution



Red (83%)

Green (43%)

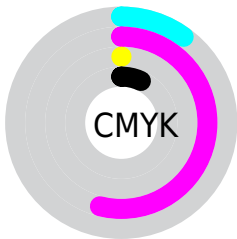
Blue (93%)



Red (83%)

Yellow (43%)

Blue (93%)

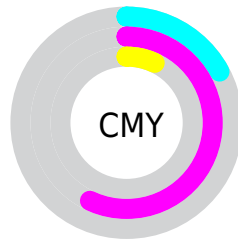


Cyan (10%)

Magenta (54%)

Yellow (0%)

Black (7%)



Cyan (17%)

Magenta (57%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D46DEC 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 D46DEC by changing the saturation by 10% instead.



 D46DEC

 D46DEC

FFFFFF

 B752CF

 FFA4FF

 9B36B4

 FFC1FF

 7F1598

 FFDDFF

 63007E

 FFFBFF

 480064

 2F004C

 100034

 00021E

 000000

 D46DEC

 D46DEC

 D055EC

 D885EC

 CB3EEC

 DD9CEC

 C726EC

 E1B4EC

 C20FEC

 E6CBEC

 BF00EC

 EAE3EC

 EFFBEC

 F3FFEC

 F8FFEC

 FCFFEC

# Harmonies

## Analogous

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



688EFF



D46DEC



FF50AD

# Triad

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



D46DEC



C68D00



00B5C6

# Complementary

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



D46DEC



85EC6D

# 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.



00B481



D46DEC



88A200

# Square

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



D46DEC



F4702C



1FAE3B



00B1FF

# Rectangle

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



D46DEC



FF4D80



1FAE3B



00B5B0



# Sweetspot

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



D46DEC



F7D6FF



6D86EC



7B6780



000000



808080



# Same Dimension

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



D46DEC



E059FF



EC6DC6



736A75



9300B5



2B0036



# Inverse Universe

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



EC6D85



FF5979



6DEC93



756A6C



B50022

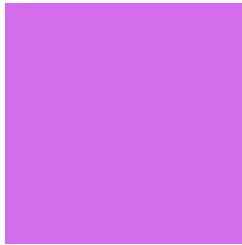


36000A



# Previews

## White Background



This preview shows how the Hex color D46DEC 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

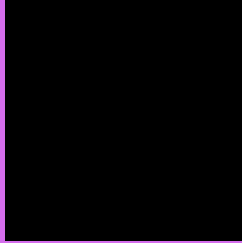
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D46DEC Background



This preview shows how black text looks on a background with the Hex color D46DEC.

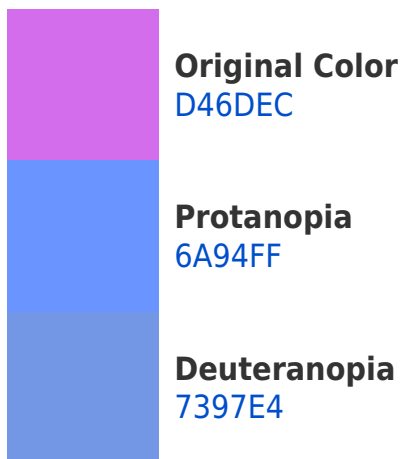



This preview shows how white text looks on a background with the Hex color D46DEC.

# 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](#).

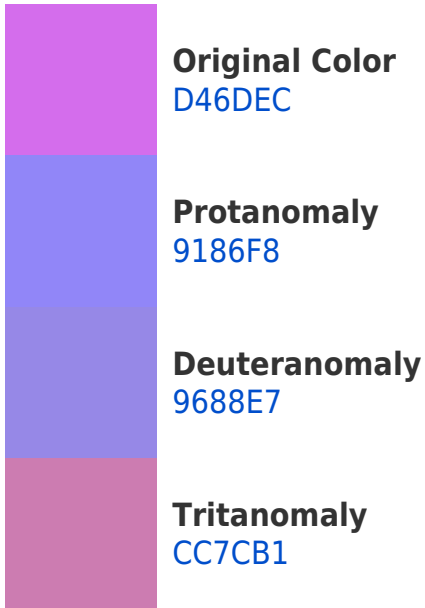
## Dichromacy





**Tritanopia**  
C7858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D46DEC 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 #D46DEC looks like.

```
.text, #text, p{  
    color:#D46DEC  
}
```

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 #D46DEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46DEC
}
```

## Border

The CSS property to change the border of an element to Hex D46DEC 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".

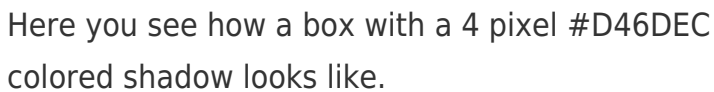
```
.border, #border, table{ border:4px solid
#D46DEC }
```

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

```
.border{ border-color:#D46DEC }
```

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

Here you see how a box with a 4 pixel #D46DEC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46DEC; -webkit-box-shadow:4px 4px  
4px 4px #D46DEC; box-shadow:4px 4px 4px  
4px #D46DEC }
```

# Background

The CSS property to change the background color of an element to Hex D46DEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46DEC }
```

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

```
.background{ background-color:#D46DEC }
```

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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