

# Converting Colors

Hex(D46DC7)

Have a look what the booklet for  
Hex(D46DC7) contains.

<b>Hex(D46DC7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(D46DC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	D46DC7
RGB	212, 109, 199
RGB Percent	83%, 43%, 78%
CMY	0.1686, 0.5725, 0.2196
CMYK	0.00, 0.49, 0.06, 0.17
HSL	308°, 54%, 63%
HSV	308°, 49%, 83%
XYZ	42.9288, 29.0578, 57.3790
YIQ	150.0570, 32.4980, 49.8260

# Conversions

## Conversions Part 2

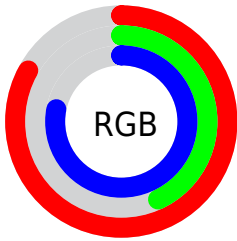
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 109, 199
Decimal	13921735
CIE Lab	60.83, 52.45, -29.08
CIE LCh	61, 59.969, 330.998
Yxy	29.0578, 0.3318, 0.2246
Android (android.graphics.Color)	4292111815 (0xFFD46DC7)
YUV	150.0570, 24.1289, 54.3240
Hunter-Lab	53.9053, 47.8185, -25.3769

# Details

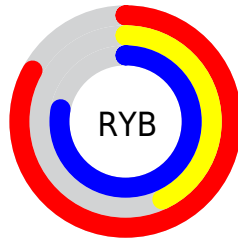
The Hex color **D46DC7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6DD47A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA4FF**, and **9B3791** is the 20% darker color. If you saturate the color by 10%, you get **D458C4**, and if you desaturate by 10%, it is **D482CA**.

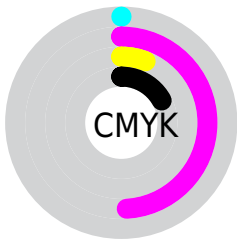
# Distribution



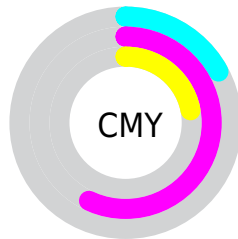
- Red (83%)
- Green (43%)
- Blue (78%)



- Red (83%)
- Yellow (43%)
- Blue (78%)



- Cyan (0%)
- Magenta (49%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (57%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D46DC7 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 D46DC7 by changing the saturation by 10% instead.



 D46DC7

 D46DC7

FFFFFF

 B752AC

 FFA4FF

 9B3791

 FFC0FF

 801977

 FFDCFF

 65005E

 FFFAFF

 4A0046

 33002F

 110019

 000000

 D46DC7

 D46DC7

 D458C4

 D482CA

 D443C2

 D497CC

 D42DBF

 D4ADCF

 D418BC

 D4C2D2

 D403BA

 D4D7D4

 D400B9

 D4ECD7

 D4FFDA

 D4FFDC

 D4FFDF

# Harmonies

## Analogous

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



9584EE



D46DC7



F06093

# Triad

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



D46DC7



AC911B



00ABC8

# Complementary

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



D46DC7



6DD47A

# 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.



00AC93



D46DC7



779F2F

# Square

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



D46DC7



D67D34



1CA85D



00A5EF

# Rectangle

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



D46DC7



F26370



1CA85D



00ACB7



# Sweetspot

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



D46DC7



FFD9FA



796DD4



80697D



000000



808080



# Same Dimension

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



D46DC7



FF6BEC



D46D94



6B606A



AB0095



2B0026



# Inverse Universe

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



D46DC7



FF6BEC



6DD4AD



6B606A



AB0095

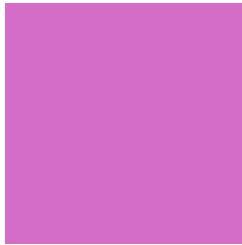


2B0026



# Previews

## White Background



This preview shows how the Hex color D46DC7 looks on a white background.

## Color Contrast Check

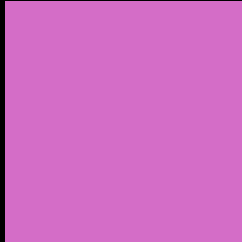
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color D46DC7 looks on a 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 D46DC7 Background



This preview shows how black text looks on a background with the Hex color D46DC7.

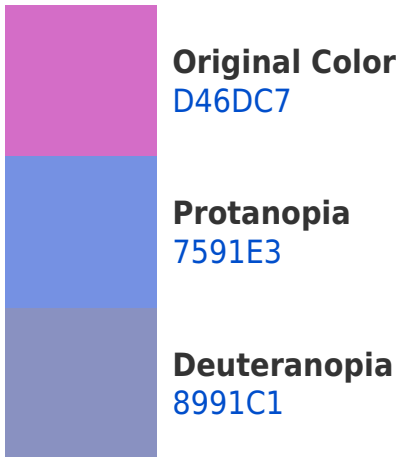


This preview shows how white text looks on a background with the Hex color D46DC7.

# Color Blindness Simulation

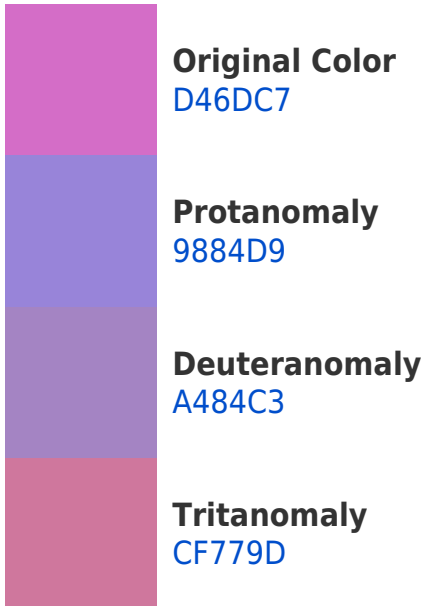
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

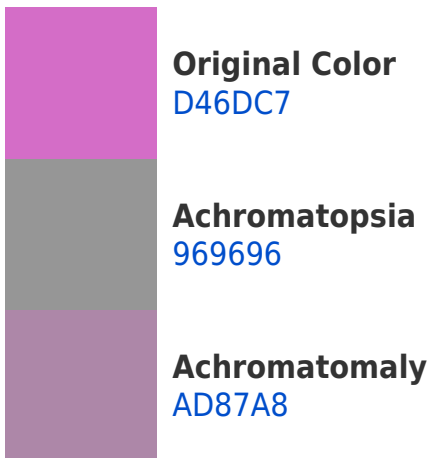




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D46DC7 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 #D46DC7 looks like.

```
.text, #text, p{  
    color:#D46DC7  
}
```

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 #D46DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46DC7
}
```

## Border

The CSS property to change the border of an element to Hex D46DC7 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
#D46DC7 }
```

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

```
.border{ border-color:#D46DC7 }
```

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

Here you see how a box with a 4 pixel #D46DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46DC7; -webkit-box-shadow:4px 4px  
4px 4px #D46DC7; box-shadow:4px 4px 4px  
4px #D46DC7 }
```

# Background

The CSS property to change the background color of an element to Hex D46DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46DC7 }
```

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

```
.background{ background-color:#D46DC7 }
```

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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