

# Converting Colors

Hex(D876E0)

Have a look what the booklet for  
Hex(D876E0) contains.

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# Color

Hex(D876E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	D876E0
RGB	216, 118, 224
RGB Percent	85%, 46%, 88%
CMY	0.1529, 0.5373, 0.1216
CMYK	0.04, 0.47, 0.00, 0.12
HSL	295°, 63%, 67%
HSV	295°, 47%, 88%
XYZ	48.2519, 32.9376, 74.3355
YIQ	159.3860, 24.3820, 53.7420

# Conversions

## Conversions Part 2

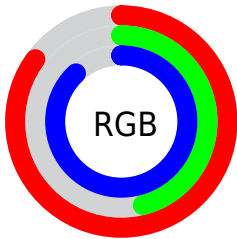
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 118, 224
Decimal	14186208
CIE Lab	64.11, 53.56, -37.99
CIE LCh	64, 65.666, 324.658
Yxy	32.9376, 0.3103, 0.2118
Android (android.graphics.Color)	4292376288 (0xFFD876E0)
YUV	159.3860, 31.8547, 49.6505
Hunter-Lab	57.3913, 49.6395, -36.6208

# Details

The Hex color **D876E0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7EE076**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFADFF**, and **9F40A8** is the 20% darker color. If you saturate the color by 10%, you get **D660E0**, and if you desaturate by 10%, it is **DA8CE0**.

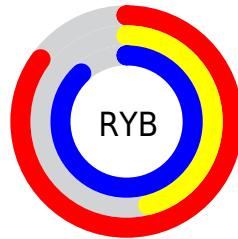
# Distribution



Red (85%)

Green (46%)

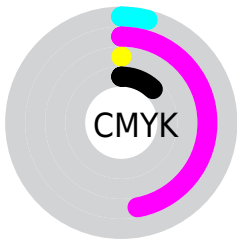
Blue (88%)



Red (85%)

Yellow (46%)

Blue (88%)

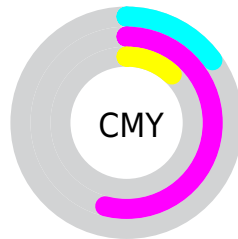


Cyan (4%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (54%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D876E0 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 D876E0 by changing the saturation by 10% instead.



 D876E0

 D876E0

FFFFFF

 BB5BC4

 FFADFF

 9F40A8

 FFC9FF

 83248E

 FFE6FF

 680074

 4E005B

 340043

 1B002C

 000116

 000000

 D876E0

 D876E0

 D660E0

 DA8CE0

 D549E0

 DBA3E0

 D333E0

 DDB9E0

 D11CE0

 DFD0E0

 D006E0

 E0E6E0

 CF00E0

 E2FCE0

 E4FFE0

 E6FFE0

 E7FFE0

# Harmonies

## Analogous

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



8790FF



D876E0



FF63A8

# Triad

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



D876E0



C29513



00B7CB

# Complementary

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



D876E0



7EE076

# 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.



00B68F



D876E0



8AA622

# Square

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



D876E0



EC7D3B



36B154



00B2FA

# Rectangle

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



D876E0



FF6381



36B154



00B7B7



# Sweetspot

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



D876E0



FCDBFF



767FE0



7E6A80



000000



808080



# Same Dimension

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



D876E0



F46EFF



E076B4



6F6570



A300B0



2D0030



# Inverse Universe

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



E0767E



FF6E79



76E0A2



706566



B0000D

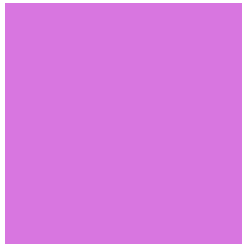


300004



# Previews

## White Background



This preview shows how the Hex color D876E0 looks on a white background.

## Color Contrast Check

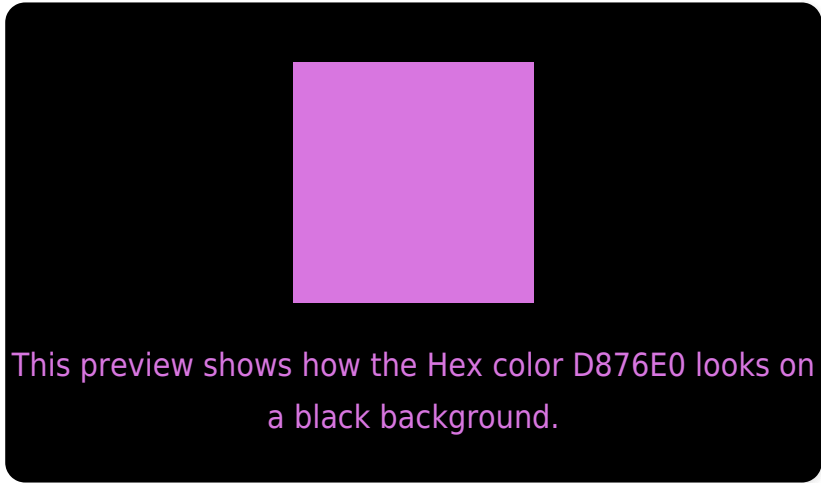
Large Text (above 18pt) WCAG AA × Fail

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

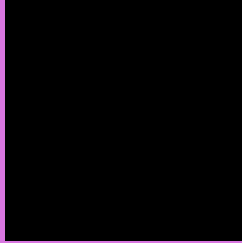
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D876E0 Background



This preview shows how black text looks on a background with the Hex color D876E0.

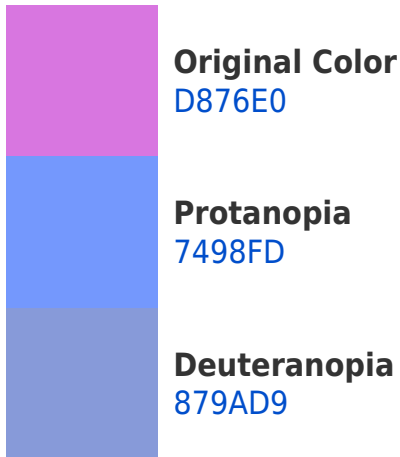


This preview shows how white text looks on a background with the Hex color D876E0.

# Color Blindness Simulation

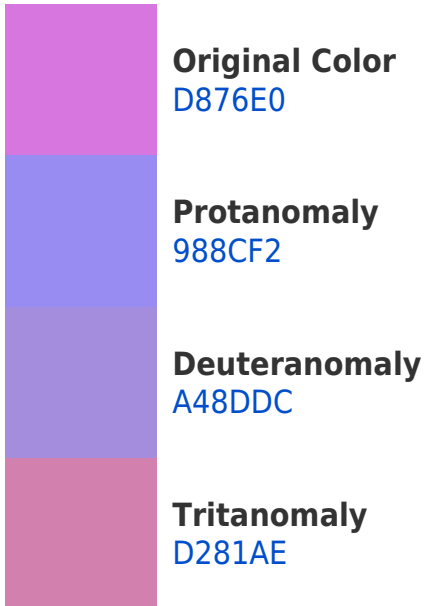
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D876E0 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 #D876E0 looks like.

```
.text, #text, p{  
    color:#D876E0  
}
```

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 #D876E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D876E0
}
```

## Border

The CSS property to change the border of an element to Hex D876E0 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
#D876E0 }
```

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

```
.border{ border-color:#D876E0 }
```

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

Here you see how a box with a 4 pixel #D876E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D876E0; -webkit-box-shadow:4px 4px  
4px 4px #D876E0; box-shadow:4px 4px 4px  
4px #D876E0 }
```

# Background

The CSS property to change the background color of an element to Hex D876E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D876E0 }
```

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

```
.background{ background-color:#D876E0 }
```

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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