

# Converting Colors

Hex(DC76ED)

Have a look what the booklet for  
Hex(DC76ED) contains.

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# Color

**Hex(DC76ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC76ED
RGB	220, 118, 237
RGB Percent	86%, 46%, 93%
CMY	0.1373, 0.5373, 0.0706
CMYK	0.07, 0.50, 0.00, 0.07
HSL	291°, 77%, 70%
HSV	291°, 50%, 93%
XYZ	51.2797, 34.2869, 84.0361
YIQ	162.0640, 22.5930, 58.6330

# Conversions

## Conversions Part 2

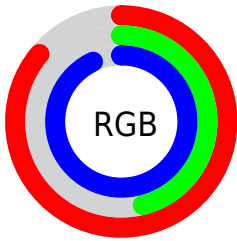
Format	Color
R <sub>Y</sub> B	220, 118, 237
Decimal	14448365
CIE <sub>Lab</sub>	65.19, 57.09, -43.47
CIE <sub>LCh</sub>	65, 71.755, 322.709
Yxy	34.2869, 0.3024, 0.2022
Android (android.graphics.Color)	4292638445 (0xFFDC76ED)
YUV	162.0640, 36.9434, 50.8099
Hunter-Lab	58.5550, 53.8504, -44.1023

# Details

The Hex color **DC76ED** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **87ED76**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFADFF**, and **A340B5** is the 20% darker color. If you saturate the color by 10%, you get **D95EED**, and if you desaturate by 10%, it is **DF8EED**.

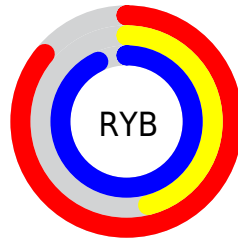
# Distribution



Red (86%)

Green (46%)

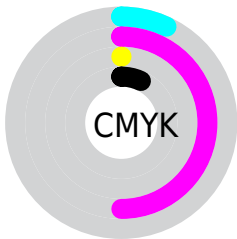
Blue (93%)



Red (86%)

Yellow (46%)

Blue (93%)

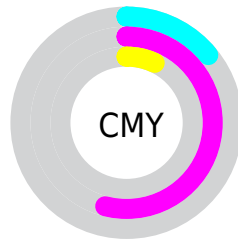


Cyan (7%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (54%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC76ED 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 DC76ED by changing the saturation by 10% instead.



 DC76ED

 DC76ED

FFFFFF

 BF5BD0

 FFADFF

 A340B5

 FFCAFF

 872299

 FFE7FF

 6B007F

 500065

 36004D

 1D0035

 00021F

 000002

 DC76ED

 DC76ED

 D95EED

 DF8EED

 D547ED

 E3A5ED

 D22FED

 E6BDED

 CE17ED

 EAD5ED

 CB00ED

 EDECED

 F0FFED

 F4FFED

 F7FFED

 FAFFED

# Harmonies

## Analogous

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



7D94FF



DC76ED



FF5EB1

# Triad

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



DC76ED



CA9600



00BCCE

# Complementary

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



DC76ED



87ED76

# 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.



00BB8C



DC76ED



8EA907

# Square

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



DC76ED



F87B37



31B54B



00B7FF

# Rectangle

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



DC76ED



FF5D86



31B54B



00BCB9



# Sweetspot

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



DC76ED



FAD9FF



7688ED



7C6980



000000



808080



# Same Dimension

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



DC76ED



E966FF



ED76C3



746A75



9B00B5



2E0036



# Inverse Universe

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



ED7687



FF667C



76EDA0



756A6B



B5001A

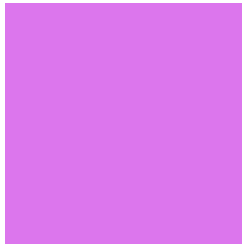


360008



# Previews

## White Background



This preview shows how the Hex color DC76ED looks on a white background.

## Color Contrast Check

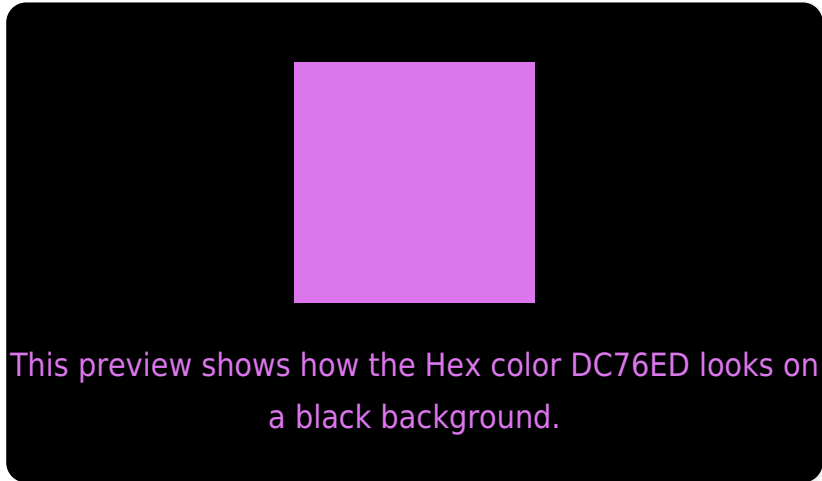
Large Text (above 18pt) WCAG AA × Fail

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

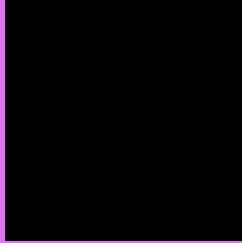
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC76ED Background



This preview shows how black text looks on a background with the Hex color DC76ED.



This preview shows how white text looks on a background with the Hex color DC76ED.

# 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](#).

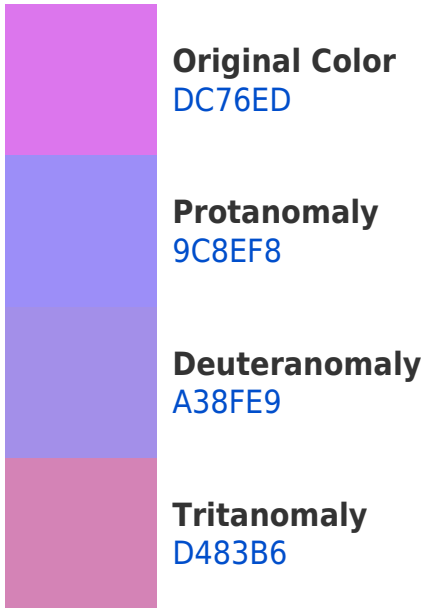
## Dichromacy



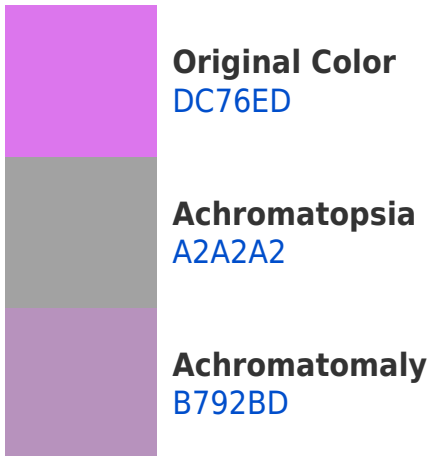


**Tritanopia**  
D08B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC76ED 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 #DC76ED looks like.

```
.text, #text, p{  
    color:#DC76ED  
}
```

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 #DC76ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC76ED
}
```

## Border

The CSS property to change the border of an element to Hex DC76ED 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
#DC76ED }
```

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

```
.border{ border-color:#DC76ED }
```

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

Here you see how a box with a 4 pixel #DC76ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC76ED; -webkit-box-shadow:4px 4px  
4px 4px #DC76ED; box-shadow:4px 4px 4px  
4px #DC76ED }
```

# Background

The CSS property to change the background color of an element to Hex DC76ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC76ED }
```

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

```
.background{ background-color:#DC76ED }
```

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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