

# Converting Colors

Hex(DCD9EF)

Have a look what the booklet for  
Hex(DCD9EF) contains.

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# **Color**

**Hex(DCD9EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD9EF
RGB	220, 217, 239
RGB Percent	86%, 85%, 94%
CMY	0.1373, 0.1490, 0.0627
CMYK	0.08, 0.09, 0.00, 0.06
HSL	248°, 41%, 89%
HSV	248°, 9%, 94%
XYZ	69.9080, 71.0733, 91.6953
YIQ	220.4050, -5.2740, 7.4780

# Conversions

## Conversions Part 2

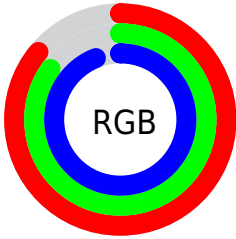
Format	Color
R <sub>Y</sub> B	220, 217, 239
Decimal	14473711
CIE Lab	87.52, 5.13, -10.38
CIE LCh	88, 11.581, 296.272
Yxy	71.0733, 0.3005, 0.3055
Android (android.graphics.Color)	4292663791 (0xFFD9CD9EF)
YUV	220.4050, 9.1673, -0.3552
Hunter-Lab	84.3050, 0.4834, -5.4740

# Details

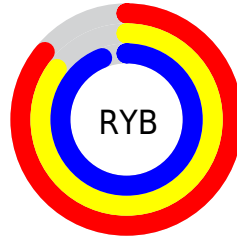
The Hex color **DCD9EF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECEFD9**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A2B7** is the 20% darker color. If you saturate the color by 10%, you get **C7C1EF**, and if you desaturate by 10%, it is **F1F1EF**.

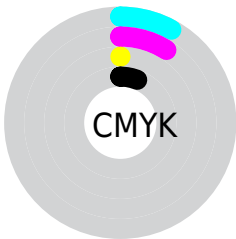
# Distribution



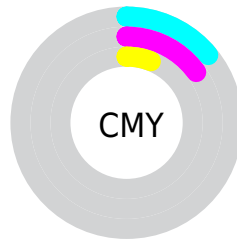
- Red (86%)
- Green (85%)
- Blue (94%)



- Red (86%)
- Yellow (85%)
- Blue (94%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD9EF 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 DCD9EF by changing the saturation by 10% instead.



■ DCD9EF

FFFFFF

■ DCD9EF

■ C0BDD3

■ A5A2B7

■ 8B889C

■ 716F82

■ 585669

■ 413F51

■ 2B293A

■ 161524

■ 00010E

 DCD9EF

 DCD9EF

 C7C1EF

 F1F1EF

 B3A9EF

 FFFFEF

 9E91EF

 8979EF

 7561EF

 604AEF

 4C32EF

 371AEF

 2202EF

# Harmonies

## Analogous

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



CEDDF1



DCD9EF



E9D6E8

# Triad

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



DCD9EF



EFD7C9



C4E2D9

# Complementary

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



DCD9EF



ECEFD9

# 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.



CDE0CF



DCD9EF



E6DAC6

# Square

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



DCD9EF



F3D4D2



DADEC8



C0E2E5

# Rectangle

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



DCD9EF



EFD4E1



DADEC8



C6E2D6



# Sweetspot

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



DCD9EF



F8F7FF



D9ECEF



7B7A80



000000



808080



# Same Dimension

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



DCD9EF



E7E3FF



E7D9EF



6D6C78



1900B8



080038



# Inverse Universe

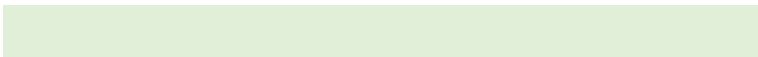
The Inverse Universe completely reimagines the original color for something new.



EFD9EC



FFE3FB



E1EFD9



786C76



B8009F

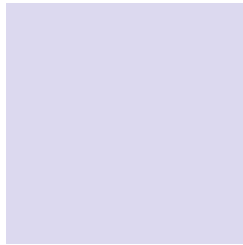


380030



# Previews

## White Background



This preview shows how the Hex color DCD9EF looks on a white background.

## Color Contrast Check

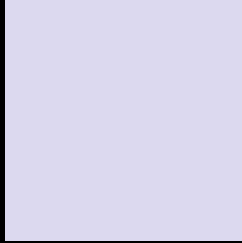
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DCD9EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

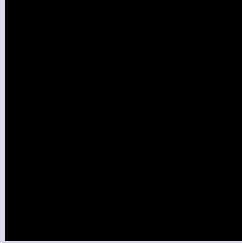
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

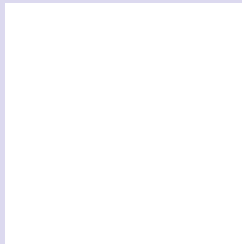
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD9EF Background



This preview shows how black text looks on a background with the Hex color DCD9EF.

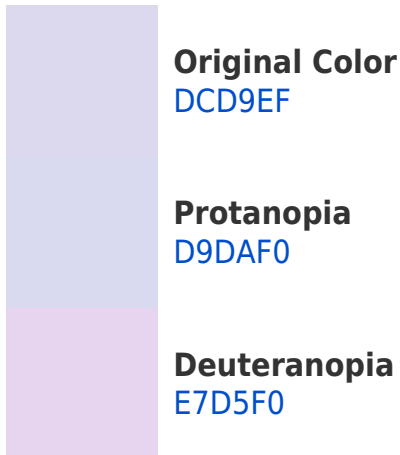


This preview shows how white text looks on a background with the Hex color DCD9EF.

# Color Blindness Simulation

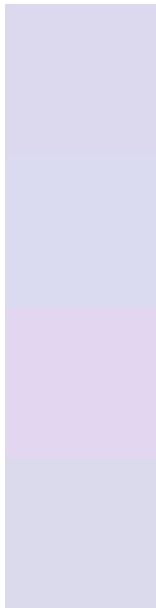
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
DCD9EF

**Protanomaly**  
DADAF0

**Deuteranomaly**  
E3D6F0

**Tritanomaly**  
DBDAEC

# Monochromacy



**Original Color**  
DCD9EF

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DCDBE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD9EF 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 #DCD9EF looks like.

```
.text, #text, p{  
    color:#DCD9EF  
}
```

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 #DCD9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD9EF
}
```

## Border

The CSS property to change the border of an element to Hex DCD9EF 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
#DCD9EF }
```

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

```
.border{ border-color:#DCD9EF }
```

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

Here you see how a box with a 4 pixel #DCD9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD9EF; -webkit-box-shadow:4px 4px  
4px 4px #DCD9EF; box-shadow:4px 4px 4px  
4px #DCD9EF }
```

# Background

The CSS property to change the background color of an element to Hex DCD9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD9EF }
```

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

```
.background{ background-color:#DCD9EF }
```

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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