

# Converting Colors

Hex(DCD5EE)

Have a look what the booklet for  
Hex(DCD5EE) contains.

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# **Color**

**Hex(DCD5EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD5EE
RGB	220, 213, 238
RGB Percent	86%, 84%, 93%
CMY	0.1373, 0.1647, 0.0667
CMYK	0.08, 0.11, 0.00, 0.07
HSL	257°, 42%, 88%
HSV	257°, 11%, 93%
XYZ	68.7421, 68.9772, 90.5798
YIQ	217.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

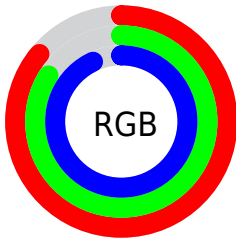
Format	Color
R <sub>Y</sub> B	220, 213, 238
Decimal	14472686
CIE Lab	86.49, 7.03, -11.39
CIE LCh	86, 13.384, 301.700
Yxy	68.9772, 0.3011, 0.3021
Android (android.graphics.Color)	4292662766 (0xFFDCD5EE)
YUV	217.9430, 9.8881, 1.8040
Hunter-Lab	83.0525, 2.4015, -6.5268

# Details

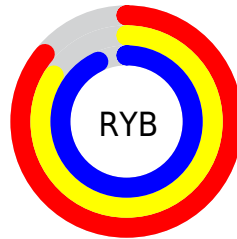
The Hex color **DCD5EE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7EED5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A59EB6** is the 20% darker color. If you saturate the color by 10%, you get **CBBDEE**, and if you desaturate by 10%, it is **EDEDEE**.

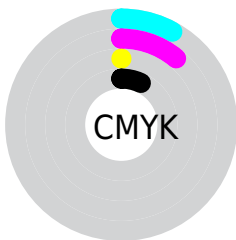
# Distribution



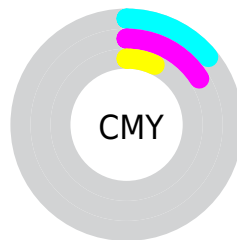
- Red (86%)
- Green (84%)
- Blue (93%)



- Red (86%)
- Yellow (84%)
- Blue (93%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD5EE 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 DCD5EE by changing the saturation by 10% instead.



■ DCD5EE

FFFFFF

■ DCD5EE

■ C0B9D2

■ A59EB6

■ 8B849B

■ 716B81

■ 585368

■ 413C50

■ 2B2639

■ 161223

■ 00010D

 DCD5EE

 DCD5EE

 CBBDEE

 EDEDEE

 BAA5EE

 FEFEE

 A98EEE

 FFFFEE

 9776EE

 865EEE

 7546EE

 642EEE

 5317EE

 4300EE

# Harmonies

## Analogous

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



CCD9F2



DCD5EE



EAD2E5

# Triad

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



DCD5EE



EED4C3



BCE0D9

# Complementary

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



DCD5EE



E7EED5

# 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.



C6DFCC



DCD5EE



E2D8BF

# Square

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



DCD5EE



F4D1CC



D4DCC3



B9DFE5

# Rectangle

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



DCD5EE



F0D0DC



D4DCC3



BEE0D4



# Sweetspot

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



DCD5EE



F9F7FF



D5E7EE



7C7A80



000000



808080



# Same Dimension

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



DCD5EE



E7DEFF



E8D5EE



6F6C78



3300B8



100038



# Inverse Universe

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



EED5E7



FFDEF6



DBEED5



786C74



B80084

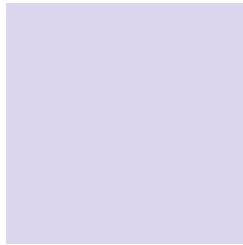


380028



# Previews

## White Background



This preview shows how the Hex color DCD5EE looks on a white background.

## Color Contrast Check

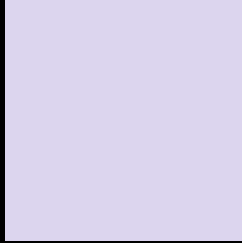
Large Text (above 18pt) WCAG AA × Fail

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 DCD5EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

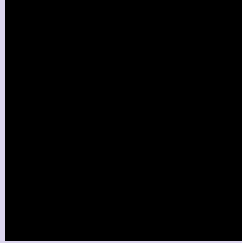
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

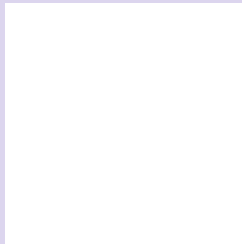
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD5EE Background



This preview shows how black text looks on a background with the Hex color DCD5EE.



This preview shows how white text looks on a background with the Hex color DCD5EE.

# 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



**Original Color**  
DCD5EE

**Protanopia**  
D6D7EF

**Deuteranopia**  
E3D3EE



**Tritanopia**  
DBD6E7

# Trichromacy



**Original Color**  
DCD5EE

**Protanomaly**  
D8D6EF

**Deuteranomaly**  
E0D4EE

**Tritanomaly**  
DBD6EA

# Monochromacy



**Original Color**  
DCD5EE

**Achromatopsia**  
DADADA

**Achromatomaly**  
DBD8E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD5EE 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 #DCD5EE looks like.

```
.text, #text, p{  
    color:#DCD5EE  
}
```

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 #DCD5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD5EE  
}
```

## Border

The CSS property to change the border of an element to Hex DCD5EE 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  
#DCD5EE }
```

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

```
.border{ border-color:#DCD5EE }
```

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

Here you see how a box with a 4 pixel #DCD5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD5EE; -webkit-box-shadow:4px 4px  
4px 4px #DCD5EE; box-shadow:4px 4px 4px  
4px #DCD5EE }
```

# Background

The CSS property to change the background color of an element to Hex DCD5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD5EE }
```

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

```
.background{ background-color:#DCD5EE }
```

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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