

# Converting Colors

Hex(DCD5E7)

Have a look what the booklet for  
Hex(DCD5E7) contains.

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# **Color**

**Hex(DCD5E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCD5E7
RGB	220, 213, 231
RGB Percent	86%, 84%, 91%
CMY	0.1373, 0.1647, 0.0941
CMYK	0.05, 0.08, 0.00, 0.09
HSL	263°, 27%, 87%
HSV	263°, 8%, 91%
XYZ	67.7333, 68.5737, 85.2674
YIQ	217.1450, -1.6060, 7.0820

# Conversions

## Conversions Part 2

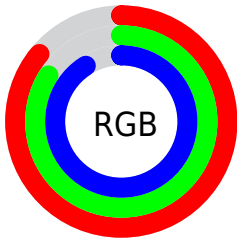
Format	Color
R <sub>Y</sub> B	220, 213, 231
Decimal	14472679
CIE Lab	86.29, 5.69, -7.98
CIE LCh	86, 9.802, 305.486
Yxy	68.5737, 0.3057, 0.3095
Android (android.graphics.Color)	4292662759 (0xFFDCD5E7)
YUV	217.1450, 6.8305, 2.5038
Hunter-Lab	82.8092, 1.0868, -3.0836

# Details

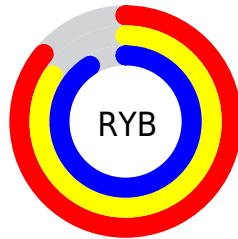
The Hex color `DCD5E7` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `E0E7D5`, and the grayscale version is `D9D9D9`.

A 20% lighter version of the original color is `FFFFFF`, and `A59EAF` is the 20% darker color. If you saturate the color by 10%, you get `CEBEE7`, and if you desaturate by 10%, it is `EAECE7`.

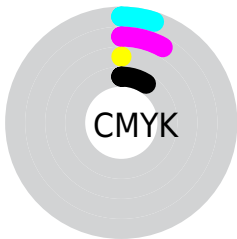
# Distribution



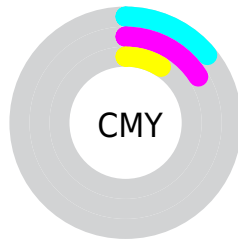
- Red (86%)
- Green (84%)
- Blue (91%)



- Red (86%)
- Yellow (84%)
- Blue (91%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD5E7 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 DCD5E7 by changing the saturation by 10% instead.



■ DCD5E7

FFFFFF

■ DCD5E7

■ C0B9CB

■ A59EAF

■ 8B8495

■ 716B7B

■ 595362

■ 413C4A

■ 2B2634

■ 17121F

■ 000004

 DCD5E7

 DCD5E7

 CEBEE7

 EAECE7

 C0A7E7

 F8FFE7

 B290E7

 FFFFE7

 A479E7

 9562E7

 874AE7

 7933E7

 6B1CE7

 5D05E7

# Harmonies

## Analogous

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



D0D8EA



DCD5E7



E6D3E0

# Triad

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



DCD5E7



E7D5C7



C3DED9

# Complementary

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



DCD5E7



E0E7D5

# 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.



C9DDD0



DCD5E7



DED8C6

# Square

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



DCD5E7



ECD3CD



D3DBC9



C1DDE2

# Rectangle

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



DCD5E7



EAD2DA



D3DBC9



C4DDD6

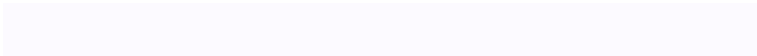


# Sweetspot

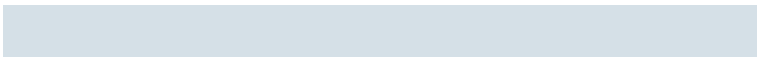
The Sweet Spot groups the original color and five complimentary colors.



DCD5E7



FCFAFF



D5E0E7



7E7D80



000000



808080



# Same Dimension

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



DCD5E7



F1E8FF



E5D5E7



6C6773



4500B3



140033



# Inverse Universe

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



E7D5E0



FFE8F6



D7E7D5



73676E



B3006D

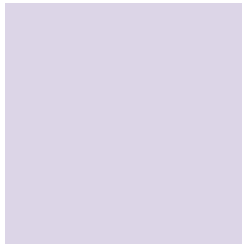


33001F



# Previews

## White Background



This preview shows how the Hex color DCD5E7 looks on a white background.

## Color Contrast Check

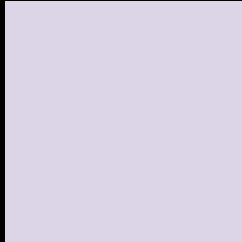
Large Text (above 18pt) WCAG AA × Fail

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 DCD5E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

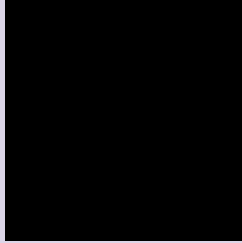
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

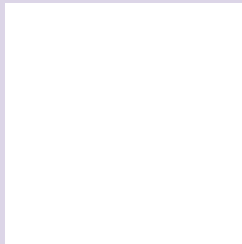
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD5E7 Background



This preview shows how black text looks on a background with the Hex color DCD5E7.

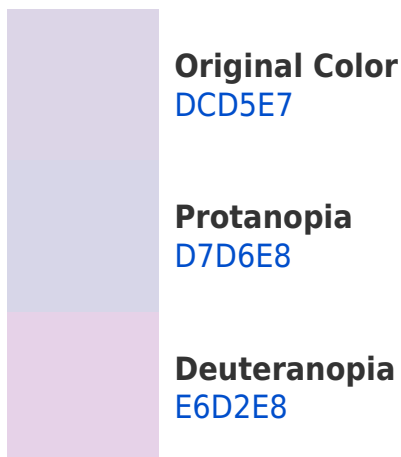


This preview shows how white text looks on a background with the Hex color DCD5E7.

# 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**  
DCD5E6

# Trichromacy



**Original Color**  
DCD5E7

**Protanomaly**  
D9D6E8

**Deuteranomaly**  
E2D3E8

**Tritanomaly**  
DCD5E6

# Monochromacy



**Original Color**  
DCD5E7

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DAD8DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD5E7 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 #DCD5E7 looks like.

```
.text, #text, p{  
    color:#DCD5E7  
}
```

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 #DCD5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD5E7
}
```

## Border

The CSS property to change the border of an element to Hex DCD5E7 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
#DCD5E7 }
```

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

```
.border{ border-color:#DCD5E7 }
```

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

Here you see how a box with a 4 pixel #DCD5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD5E7; -webkit-box-shadow:4px 4px  
4px 4px #DCD5E7; box-shadow:4px 4px 4px  
4px #DCD5E7 }
```

# Background

The CSS property to change the background color of an element to Hex DCD5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD5E7 }
```

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

```
.background{ background-color:#DCD5E7 }
```

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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