

Converting Colors

Hex(D7DCEE)

Have a look what the booklet for
Hex(D7DCEE) contains.

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Color

Hex(D7DCEE)

Conversions

Conversions Part 1

Format	Color
Hex	D7DCEE
RGB	215, 220, 238
RGB Percent	84%, 86%, 93%
CMY	0.1569, 0.1373, 0.0667
CMYK	0.10, 0.08, 0.00, 0.07
HSL	227°, 40%, 89%
HSV	227°, 10%, 93%
XYZ	69.0501, 71.8065, 91.1096
YIQ	220.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

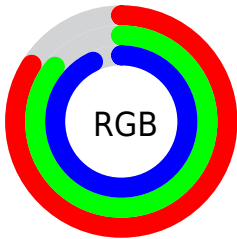
Format	Color
R _Y B	215, 219, 238
Decimal	14146798
CIE Lab	87.88, 1.74, -9.37
CIE LCh	88, 9.531, 280.538
Yxy	71.8065, 0.2977, 0.3096
Android (android.graphics.Color)	4292336878 (0xFFD7DCEE)
YUV	220.5570, 8.5994, -4.8735
Hunter-Lab	84.7387, -2.8404, -4.4305

Details

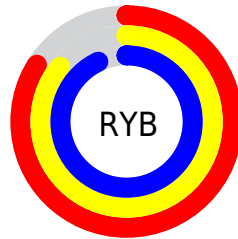
The Hex color **D7DCEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EEE9D7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A5B6** is the 20% darker color. If you saturate the color by 10%, you get **BFC9EE**, and if you desaturate by 10%, it is **EFEFEE**.

Distribution



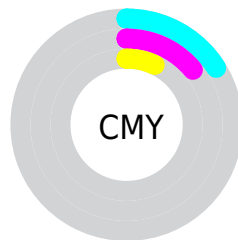
- Red (84%)
- Green (86%)
- Blue (93%)



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



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color D7DCEE 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 D7DCEE by changing the saturation by 10% instead.

 D7DCEE

FFFFFF

 D7DCEE

 BBC0D2

 A0A5B6

 868B9B

 6D7181

 545968

 3D4250

 272C39

 121724

 00010E

 D7DCEE

 D7DCEE

 BFC9EE

 EFEFEE

 A7B7EE

 FFFFEE

 90A4EE


 7891EE

 607FEE

 486CEE

 305AEE

 1947EE

 0134EE

Harmonies

Analogous

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



CDDFED



D7DCEE



E2D9EA

Triad

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



D7DCEE



EFD7D1



CDE1D6

Complementary

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



D7DCEE



EEE9D7

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.



D6DFCE



D7DCEE



EADACB

Square

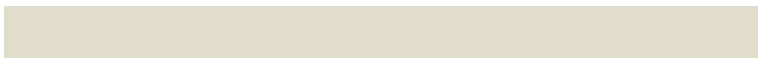
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7DCEE



F0D6D9



E1DDCB



C7E2DF

Rectangle

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



D7DCEE



E9D8E5



E1DDCB



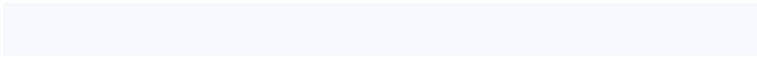
CFE1D3

Sweetspot

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



D7DCEE



F7F9FF



D7EEE9



7A7C80



000000



808080

Same Dimension

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



D7DCEE



E0E7FF



DDD7EE



6C6E78



0028B8



000C38

Inverse Universe

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



EED7DC



FFE0E7



E8EED7



786C6E



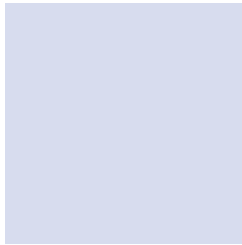
B80028



38000C

Previews

White Background



This preview shows how the Hex color D7DCEE looks on a white background.

Color Contrast Check

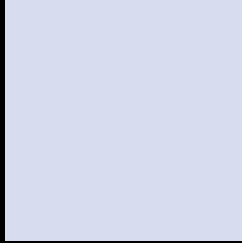
Large Text (above 18pt) WCAG AA × Fail

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 D7DCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

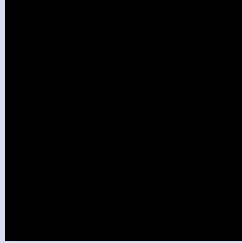
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

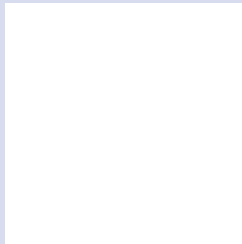
Any Text WCAG AAA ✓ Pass

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

Hex D7DCEE Background



This preview shows how black text looks on a background with the Hex color D7DCEE.

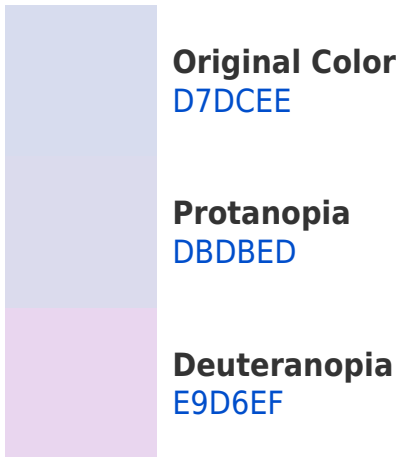


This preview shows how white text looks on a background with the Hex color D7DCEE.

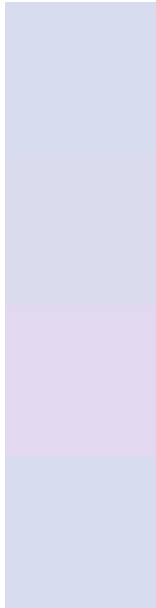
Color Blindness Simulation

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



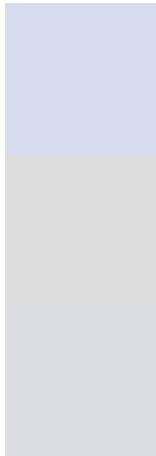
Original Color
D7DCEE

Protanomaly
DADBED

Deuteranomaly
E2D8EF

Tritanomaly
D7DCEE

Monochromacy



Original Color
D7DCEE

Achromatopsia
DDDDDD

Achromatomaly
DBDDE3

CSS Examples

Text

The CSS property to change the color of the text to Hex D7DCEE 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 #D7DCEE looks like.

```
.text, #text, p{  
    color:#D7DCEE  
}
```

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 #D7DCEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DCEE
}
```

Border

The CSS property to change the border of an element to Hex D7DCEE 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
#D7DCEE }
```

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

```
.border{ border-color:#D7DCEE }
```

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

Here you see how a box with a 4 pixel #D7DCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DCEE; -webkit-box-shadow:4px 4px  
4px 4px #D7DCEE; box-shadow:4px 4px 4px  
4px #D7DCEE }
```

Background

The CSS property to change the background color of an element to Hex D7DCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DCEE }
```

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

```
.background{ background-color:#D7DCEE }
```

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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