

Converting Colors

Hex(C7DCEE)

Have a look what the booklet for
Hex(C7DCEE) contains.

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Color

Hex(C7DCEE)

Conversions

Conversions Part 1

Format	Color
Hex	C7DCEE
RGB	199, 220, 238
RGB Percent	78%, 86%, 93%
CMY	0.2196, 0.1373, 0.0667
CMYK	0.16, 0.08, 0.00, 0.07
HSL	208°, 53%, 86%
HSV	208°, 16%, 93%
XYZ	64.5790, 69.5016, 90.9004
YIQ	215.7730, -18.2940, 1.1460

Conversions

Conversions Part 2

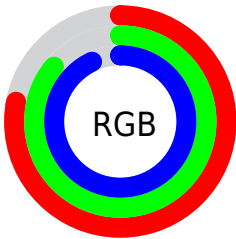
Format	Color
RYB	199, 213, 238
Decimal	13098222
CIELab	86.75, -3.33, -11.16
CIELCh	87, 11.650, 253.376
Yxy	69.5016, 0.2870, 0.3089
Android (android.graphics.Color)	4291288302 (0xFFC7DCEE)
YUV	215.7730, 10.9579, -14.7099
Hunter-Lab	83.3676, -7.6219, -6.2899

Details

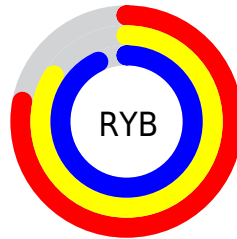
The Hex color **C7DCEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EED9C7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **91A5B6** is the 20% darker color. If you saturate the color by 10%, you get **AFD1EE**, and if you desaturate by 10%, it is **DFE7EE**.

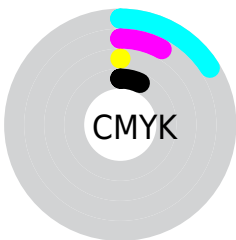
Distribution



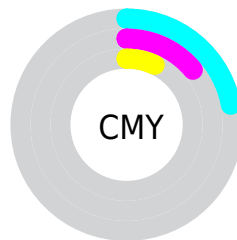
- Red (78%)
- Green (86%)
- Blue (93%)



- Red (78%)
- Yellow (84%)
- Blue (93%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7DCEE 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 C7DCEE by changing the saturation by 10% instead.

 C7DCEE

FFFFFF

 C7DCEE

 ABC0D2

 91A5B6

 778B9B

 5E7181

 455968

 2E4250

 182C39

 011724

 00010D

 C7DCEE

 C7DCEE

 AFD1EE

 DFE7EE

 97C6EE

 F7F2EE

 80BBEE

 FFFDEE

 68B0EE

 FFFFEE

 50A5EE

 389AEE

 208FEE

 0984EE

 0080EE

Harmonies

Analogous

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



BFD FE8



C7D CEE



D4D 8EF

Triad

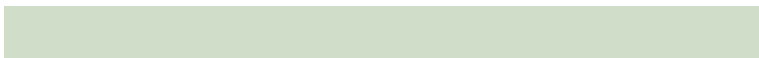
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7DCEE



F1D2D4



D0DDC9

Complementary

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



C7DCEE



EED9C7

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.



DDDAC4



C7DCEE



F0D3CA

Square

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



C7DCEE



ECD2E0



E8D6C4



C5DFD2

Rectangle

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



C7DCEE



DDD6EC



E8D6C4



D5DCC7

Sweetspot

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



C7DCEE



F2F9FF



C7EED9



787C80



000000



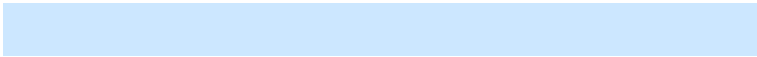
808080

Same Dimension

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



C7DCEE



CCE7FF



C7C9EE



6C7278



0063B8



001E38

Inverse Universe

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



EEC7DC



FFCCE7



EEEC7



786C72



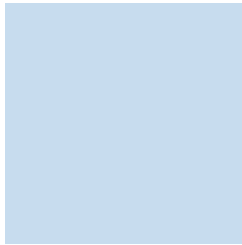
B80063



38001E

Previews

White Background



This preview shows how the Hex color C7DCEE looks on a white background.

Color Contrast Check

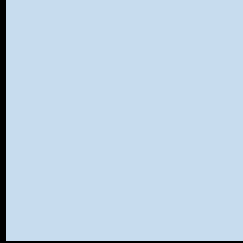
Large Text (above 18pt) WCAG AA × Fail

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 C7DCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

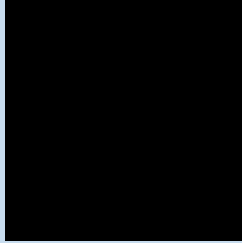
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

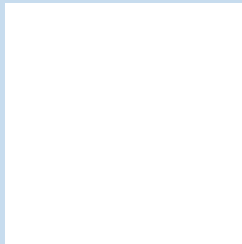
Any Text WCAG AAA ✓ Pass

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

Hex C7DCEE Background



This preview shows how black text looks on a background with the Hex color C7DCEE.

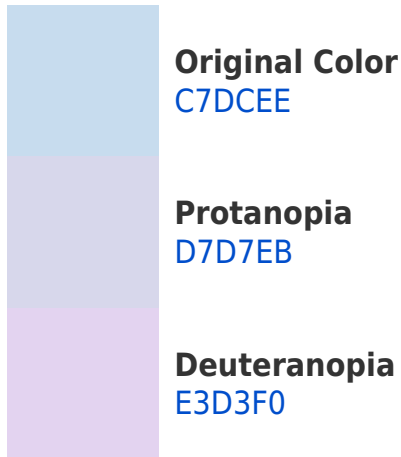


This preview shows how white text looks on a background with the Hex color C7DCEE.

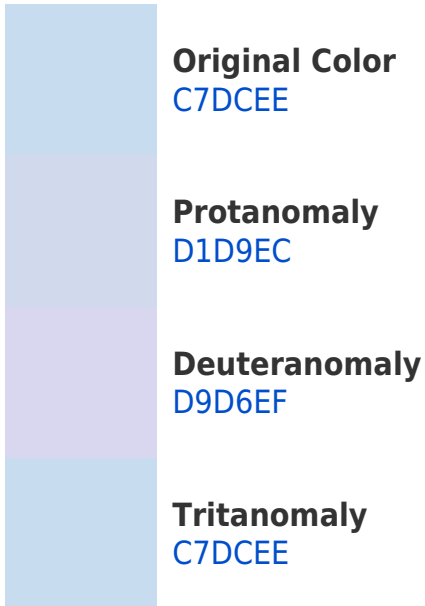
Color Blindness Simulation

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](#).

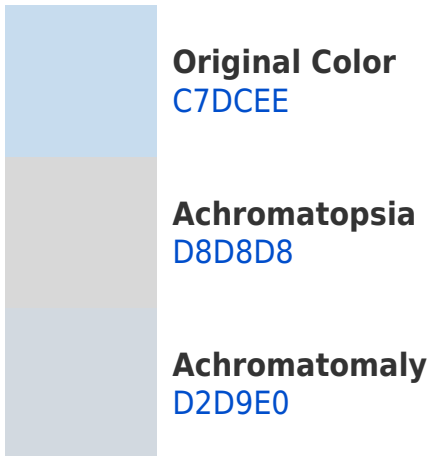
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7DCEE 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 #C7DCEE looks like.

```
.text, #text, p{  
    color:#C7DCEE  
}
```

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 #C7DCEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DCEE
}
```

Border

The CSS property to change the border of an element to Hex C7DCEE 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
#C7DCEE }
```

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

```
.border{ border-color:#C7DCEE }
```

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

Here you see how a box with a 4 pixel #C7DCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DCEE; -webkit-box-shadow:4px 4px  
4px 4px #C7DCEE; box-shadow:4px 4px 4px  
4px #C7DCEE }
```

Background

The CSS property to change the background color of an element to Hex C7DCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DCEE }
```

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

```
.background{ background-color:#C7DCEE }
```

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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