

Converting Colors

Hex(D3CCEE)

Have a look what the booklet for
Hex(D3CCEE) contains.

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Color

Hex(D3CCEE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3CCEE |
| RGB | 211, 204, 238 |
| RGB Percent | 83%, 80%, 93% |
| CMY | 0.1725, 0.2000, 0.0667 |
| CMYK | 0.11, 0.14, 0.00, 0.07 |
| HSL | 252°, 50%, 87% |
| HSV | 252°, 14%, 93% |
| XYZ | 63.8895, 63.2077, 89.7219 |
| YIQ | 209.9690, -6.7420, 12.0580 |

Conversions

Conversions Part 2

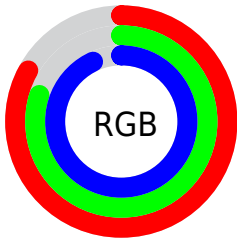
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 204, 238 |
| Decimal | 13880558 |
| CIE Lab | 83.55, 8.89, -15.86 |
| CIE LCh | 84, 18.185, 299.271 |
| Yxy | 63.2077, 0.2947, 0.2915 |
| Android (android.graphics.Color) | 4292070638 (0xFFD3CCEE) |
| YUV | 209.9690, 13.8193, 0.9042 |
| Hunter-Lab | 79.5032, 4.3134, -11.2583 |

Details

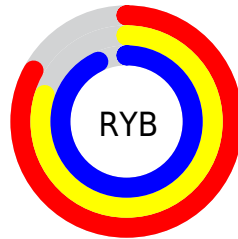
The Hex color **D3CCEE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7EECC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **9C96B6** is the 20% darker color. If you saturate the color by 10%, you get **COB4EE**, and if you desaturate by 10%, it is **E6E4EE**.

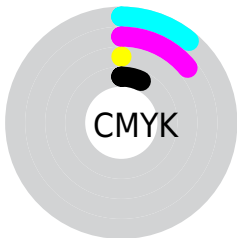
Distribution



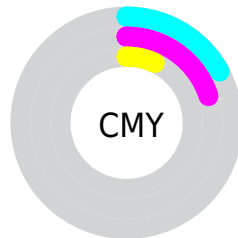
- Red (83%)
- Green (80%)
- Blue (93%)



- Red (83%)
- Yellow (80%)
- Blue (93%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3CCEE 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 D3CCEE by changing the saturation by 10% instead.

 D3CCEE

FFFFFF

 D3CCEE

 B7B1D2

 9C96B6

 827C9B

 696381

 504B68

 393550

 231F39

 0F0823

 00000B

 D3CCEE

 D3CCEE

 C0B4EE

 E6E4EE

 AD9CEE

 F9FCEE

 9A85EE

 FFFFEE

 876DEE

 7455EE

 623DEE

 4F25EE

 3C0EEE

 3100EE

Harmonies

Analogous

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



BDD2F2



D3CCEE



E6C7E2

Triad

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



D3CCEE



EDC9B3



A9DACF

Complementary

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



D3CCEE



E7EECC

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.



B8D8BE



D3CCEE



DECFAE

Square

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



D3CCEE



F4C5C0



CBD4B2



A3DAE0

Rectangle

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



D3CCEE



EFC5D7



CBD4B2



ADDAC9

Sweetspot

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



D3CCEE



F7F5FF



CCE7EE



7A7980



000000



808080

Same Dimension

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



D3CCEE



DDD4FF



E4CCEE



6E6C78



2600B8



0C0038

Inverse Universe

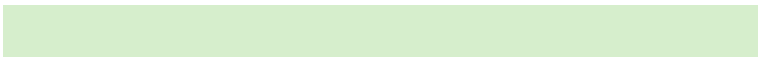
The Inverse Universe completely reimagines the original color for something new.



EECCE7



FFD4F6



D6EECC



786C75



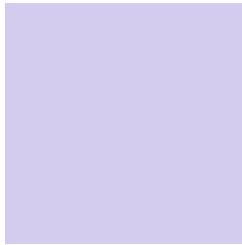
B80092



38002D

Previews

White Background



This preview shows how the Hex color D3CCEE looks on a white background.

Color Contrast Check

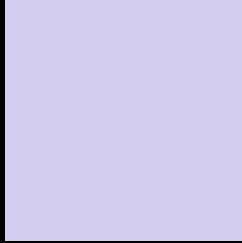
Large Text (above 18pt) WCAG AA × Fail

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 D3CCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

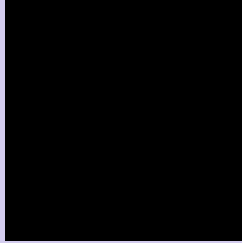
Any Text WCAG AA ✓ Pass

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 D3CCEE Background



This preview shows how black text looks on a background with the Hex color D3CCEE.



This preview shows how white text looks on a background with the Hex color D3CCEE.

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
D3CCEE

Protanopia
CACFF0

Deuteranopia
D6CBEE

Trichromacy



Original Color
D3CCEE

Protanomaly
CDCEEF

Deuteranomaly
D5CBEE

Tritanomaly
D1CEE4

Monochromacy



Original Color
D3CCEE

Achromatopsia
D2D2D2

Achromatomaly
D2D0DC

CSS Examples

Text

The CSS property to change the color of the text to Hex D3CCEE 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 #D3CCEE looks like.

```
.text, #text, p{  
    color:#D3CCEE  
}
```

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 #D3CCEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3CCEE  
}
```

Border

The CSS property to change the border of an element to Hex D3CCEE 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  
#D3CCEE }
```

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

```
.border{ border-color:#D3CCEE }
```

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

Here you see how a box with a 4 pixel #D3CCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3CCEE; -webkit-box-shadow:4px 4px  
4px 4px #D3CCEE; box-shadow:4px 4px 4px  
4px #D3CCEE }
```

Background

The CSS property to change the background color of an element to Hex D3CCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3CCEE }
```

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

```
.background{ background-color:#D3CCEE }
```

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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