

Converting Colors

Hex(D0CAEB)

Have a look what the booklet for
Hex(D0CAEB) contains.

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Color

Hex(D0CAEB)

Conversions

Conversions Part 1

Format	Color
Hex	D0CAEB
RGB	208, 202, 235
RGB Percent	82%, 79%, 92%
CMY	0.1843, 0.2078, 0.0784
CMYK	0.11, 0.14, 0.00, 0.08
HSL	251°, 45%, 86%
HSV	251°, 14%, 92%
XYZ	62.1284, 61.6491, 87.2222
YIQ	207.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

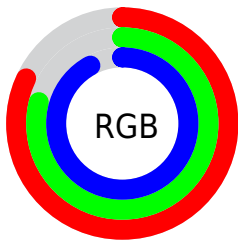
Format	Color
R _{YB}	208, 202, 235
Decimal	13683435
CIE Lab	82.73, 8.39, -15.53
CIE LCh	83, 17.647, 298.371
Yxy	61.6491, 0.2944, 0.2922
Android (android.graphics.Color)	4291873515 (0xFFD0CAEB)
YUV	207.5560, 13.5299, 0.3894
Hunter-Lab	78.5170, 3.8376, -10.9017

Details

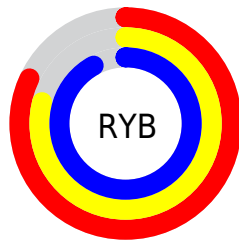
The Hex color **D0CAEB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5EBCA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9994B3** is the 20% darker color. If you saturate the color by 10%, you get **BDB3EB**, and if you desaturate by 10%, it is **E3E2EB**.

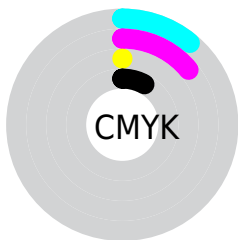
Distribution



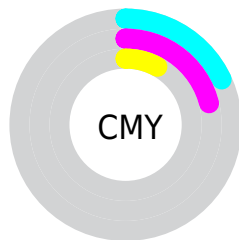
- Red (82%)
- Green (79%)
- Blue (92%)



- Red (82%)
- Yellow (79%)
- Blue (92%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0CAEB 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 D0CAEB by changing the saturation by 10% instead.

 D0CAEB

FFFFFF

 D0CAEB

 B4AFCF

 9994B3

 7F7A98

 66617E

 4E4A65

 37334D

 211E36

 0D0521

 000007

 D0CAEB

 D0CAEB

 BDB3EB

 E3E2EB

 AA9BEB

 F6F9EB

 9684EB

 FFFFEB

 836CEB

 7055EB

 5D3DEB

 4925EB

 360EEB

 2B00EB

Harmonies

Analogous

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



BBD0EF



D0CAEB



E3C5E0

Triad

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



D0CAEB



EAC7B2



A8D8CC

Complementary

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



D0CAEB



E5EBCA

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.



B7D6BC



D0CAEB



DCCCAD

Square

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



D0CAEB



F1C3BF



CAD2B1



A3D7DD

Rectangle

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



D0CAEB



ECC3D5



CAD2B1



ACD7C7

Sweetspot

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



D0CAEB



F7F5FF



CAE5EB



7A7980



000000



808080

Same Dimension

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



D0CAEB



DCD4FF



E0CAEB



6C6A75



2100B5



0A0036

Inverse Universe

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



EBCAE5



FFD4F7



D5EBCA



756A73



B50094



36002C

Previews

White Background



This preview shows how the Hex color D0CAEB looks on a white background.

Color Contrast Check

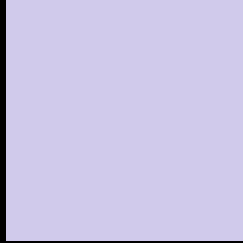
Large Text (above 18pt) WCAG AA × Fail

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 D0CAEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

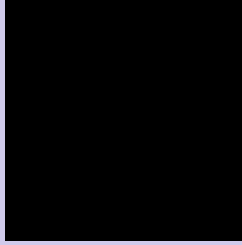
Any Text WCAG AA ✓ Pass

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 D0CAEB Background



This preview shows how black text looks on a background with the Hex color D0CAEB.

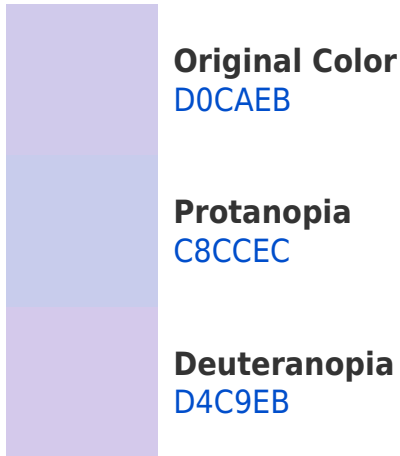


This preview shows how white text looks on a background with the Hex color D0CAEB.

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
D0CAEB

Protanomaly
CBCBEC

Deuteranomaly
D3C9EB

Tritanomaly
CFCBE2

Monochromacy



Original Color
D0CAEB

Achromatopsia
D0D0D0

Achromatomaly
D0CEDA

CSS Examples

Text

The CSS property to change the color of the text to Hex D0CAEB 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 #D0CAEB looks like.

```
.text, #text, p{  
    color:#D0CAEB  
}
```

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 #D0CAEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CAEB
}
```

Border

The CSS property to change the border of an element to Hex D0CAEB 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
#D0CAEB }
```

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

```
.border{ border-color:#D0CAEB }
```

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

Here you see how a box with a 4 pixel #D0CAEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CAEB; -webkit-box-shadow:4px 4px  
4px 4px #D0CAEB; box-shadow:4px 4px 4px  
4px #D0CAEB }
```

Background

The CSS property to change the background color of an element to Hex D0CAEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CAEB }
```

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

```
.background{ background-color:#D0CAEB }
```

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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