

# Converting Colors

Hex(D0E6C6)

Have a look what the booklet for  
Hex(D0E6C6) contains.

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# **Color**

**Hex(D0E6C6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D0E6C6                      |
| RGB         | 208, 230, 198               |
| RGB Percent | 82%, 90%, 78%               |
| CMY         | 0.1843, 0.0980, 0.2235      |
| CMYK        | 0.10, 0.00, 0.14, 0.10      |
| HSL         | 101°, 39%, 84%              |
| HSV         | 101°, 14%, 90%              |
| XYZ         | 64.5023, 74.0807, 64.3255   |
| YIQ         | 219.7740, -2.8400, -14.6160 |

# Conversions

## Conversions Part 2

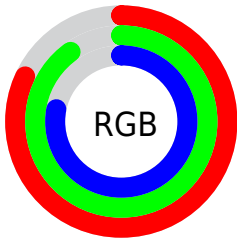
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>YB</sub>                     | 198, 230, 220                   |
| Decimal                             | 13690566                        |
| CIE <sub>Lab</sub>                  | 88.96, -13.03, 13.15            |
| CIE <sub>LCh</sub>                  | 89, 18.510, 134.735             |
| Yxy                                 | 74.0807, 0.3179,<br>0.3651      |
| Android<br>(android.graphics.Color) | 4291880646<br>(0xFFD0E6C6)      |
| YUV                                 | 219.7740, -10.7346,<br>-10.3258 |
| Hunter-Lab                          | 86.0702, -16.8522,<br>15.9381   |

# Details

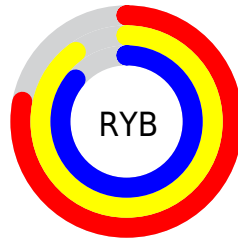
The Hex color **D0E6C6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DCC6E6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **99AE90** is the 20% darker color. If you saturate the color by 10%, you get **C0E6AF**, and if you desaturate by 10%, it is **E0E6DD**.

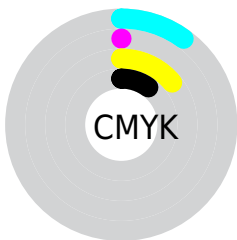
# Distribution



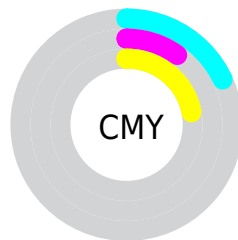
- Red (82%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E6C6 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 D0E6C6 by changing the saturation by 10% instead.



 D0E6C6

FFFFFF

 D0E6C6

 B4CAAB

 99AE90

 7F9476

 667A5E

 4E6146

 374930

 21331A

 0D1E00

 000000

 D0E6C6

 D0E6C6

 C0E6AF

 E0E6DD

 B0E698

 F0E6F4

 A1E681

 FFE6FF

 91E66A

 81E653

 71E63C

 61E625

 51E60E

 48E600

# Harmonies

## Analogous

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



E4E1BD



D0E6C6



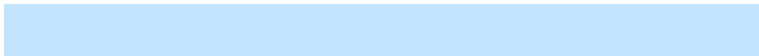
BEE9D6

# Triad

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



D0E6C6



C2E4FF



FFD3D7

# Complementary

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



D0E6C6



DCC6E6

# 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.



FED4E9



D0E6C6



D7DEFF

# Square

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



D0E6C6



B4E8F8



EDD8F9



FFD6C7

# Rectangle

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



D0E6C6



B5EAE2



EDD8F9



FFD3DD



# Sweetspot

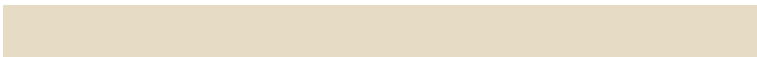
The Sweet Spot groups the original color and five complimentary colors.



D0E6C6



F8FFF5



E6DCC6



7B8079



000000



808080

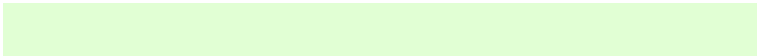


# Same Dimension

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



D0E6C6



E1FFD4



C6E6CC



6B7367



38B300



103300



# Inverse Universe

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



DCC6E6



F1D4FF



E6C6E0



6F6773



7B00B3

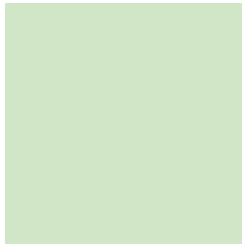


230033



# Previews

## White Background



This preview shows how the Hex color D0E6C6 looks on a white background.

## Color Contrast Check

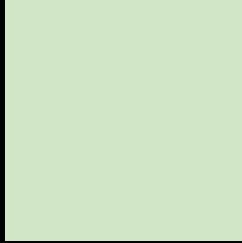
Large Text (above 18pt) WCAG AA × Fail

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 D0E6C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

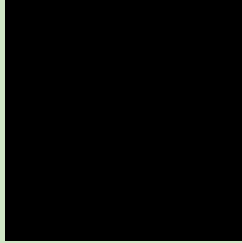
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

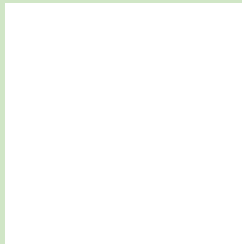
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E6C6 Background



This preview shows how black text looks on a background with the Hex color D0E6C6.

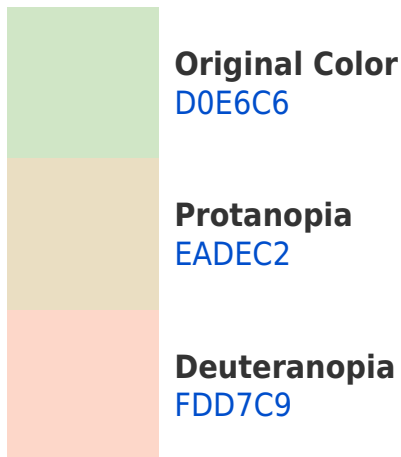


This preview shows how white text looks on a background with the Hex color D0E6C6.

# Color Blindness Simulation

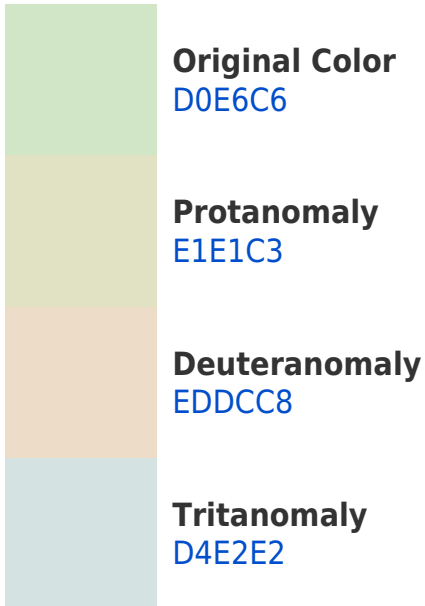
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

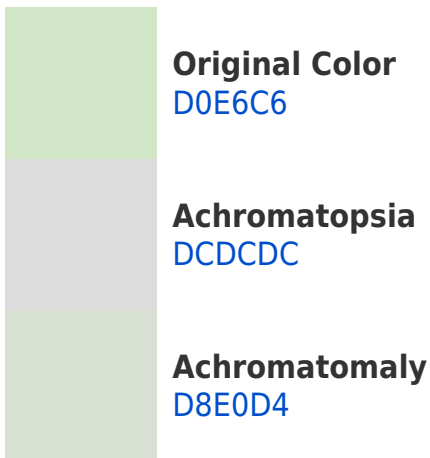




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E6C6 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 #D0E6C6 looks like.

```
.text, #text, p{  
    color:#D0E6C6  
}
```

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 #D0E6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E6C6
}
```

## Border

The CSS property to change the border of an element to Hex D0E6C6 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
#D0E6C6 }
```

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

```
.border{ border-color:#D0E6C6 }
```

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

Here you see how a box with a 4 pixel #D0E6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E6C6; -webkit-box-shadow:4px 4px  
4px 4px #D0E6C6; box-shadow:4px 4px 4px  
4px #D0E6C6 }
```

# Background

The CSS property to change the background color of an element to Hex D0E6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E6C6 }
```

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

```
.background{ background-color:#D0E6C6 }
```

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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