

# Converting Colors

Hex(D0E5D0)

Have a look what the booklet for  
Hex(D0E5D0) contains.

<b>Hex(D0E5D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D0E5D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0E5D0
RGB	208, 229, 208
RGB Percent	82%, 90%, 82%
CMY	0.1843, 0.1020, 0.1843
CMYK	0.09, 0.00, 0.09, 0.10
HSL	120°, 29%, 86%
HSV	120°, 9%, 90%
XYZ	65.4169, 74.0026, 70.5106
YIQ	220.3270, -5.7750, -10.9830

# Conversions

## Conversions Part 2

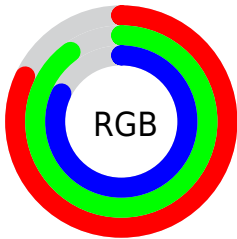
Format	Color
<a href="#">RYB</a>	<a href="#">208, 229, 229</a>
Decimal	<a href="#">13690320</a>
CIELab	<a href="#">88.92, -10.80, 7.87</a>
CIELCh	<a href="#">89, 13.365, 143.922</a>
Yxy	<a href="#">74.0026, 0.3116, 0.3525</a>
Android (android.graphics.Color)	<a href="#">4291880400 (0xFFD0E5D0)</a>
YUV	<a href="#">220.3270, -6.0772, -10.8108</a>
Hunter-Lab	<a href="#">86.0248, -14.8043, 11.6200</a>

# Details

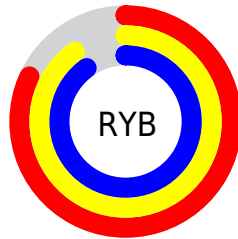
The Hex color **D0E5D0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5D0E5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **9AAE9A** is the 20% darker color. If you saturate the color by 10%, you get **B9E5B9**, and if you desaturate by 10%, it is **E7E5E7**.

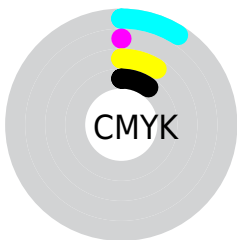
# Distribution



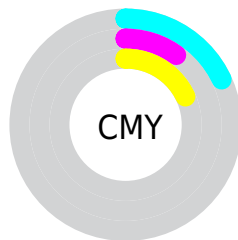
- Red (82%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E5D0 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 D0E5D0 by changing the saturation by 10% instead.



 D0E5D0

FFFFFF

 D0E5D0

 B4C9B4

 9AAE9A

 809380

 667967

 4E604F

 374938

 213222

 0D1D0D

 000000

 D0E5D0

 D0E5D0

 B9E5B9

 E7E5E7

 A2E5A2

 FEE5FE

 8BE58B

 FFE5FF

 74E574

 5DE55D

 47E547

 30E530

 19E519

 02E502

# Harmonies

## Analogous

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



DFE2C8



D0E5D0



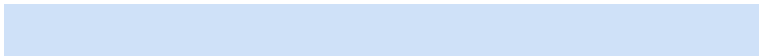
C4E7DC

# Triad

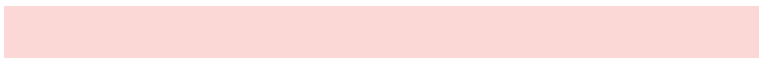
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D0E5D0



CFE1F8



FBD7D5

# Complementary

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



D0E5D0



E5D0E5

# 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.



F8D7E2



D0E5D0



DFDDF6

# Square

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



D0E5D0



C3E5F3



EED9EE



F7DACB

# Rectangle

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



D0E5D0



C0E7E5



EED9EE



FBD7DA



# Sweetspot

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



D0E5D0



F7FFF7



E5E5D0



7A807A



000000



808080

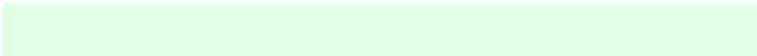


# Same Dimension

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



D0E5D0



E3FFE3



D0E5DB



677367



00B300



003300



# Inverse Universe

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



E5D0E5



FFE3FF



E5D0DB



736773



B300B3



330033



# Previews

## White Background



This preview shows how the Hex color D0E5D0 looks on a white background.

## Color Contrast Check

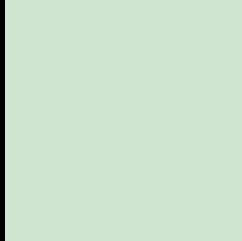
Large Text (above 18pt) WCAG AA × Fail

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 D0E5D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

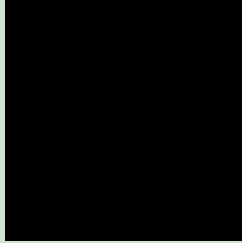
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

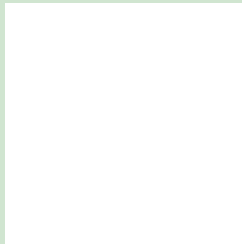
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E5D0 Background



This preview shows how black text looks on a background with the Hex color D0E5D0.

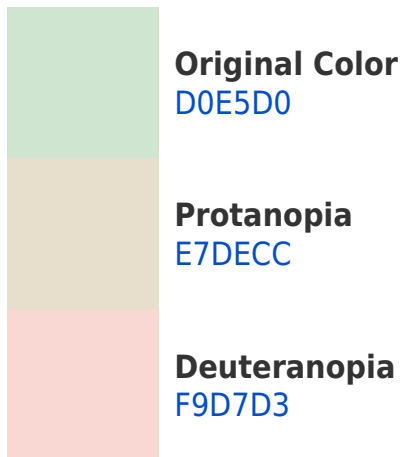


This preview shows how white text looks on a background with the Hex color D0E5D0.

# 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](#).

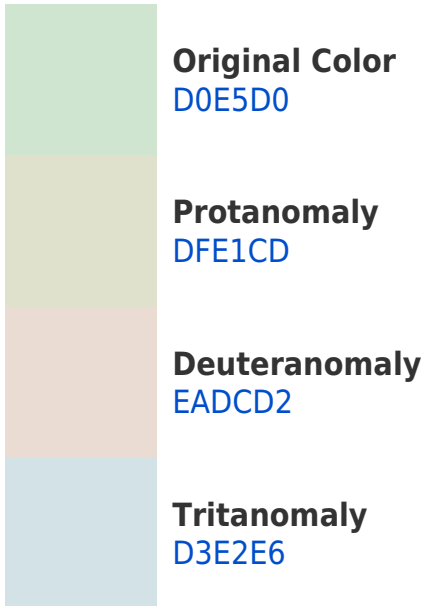
## Dichromacy



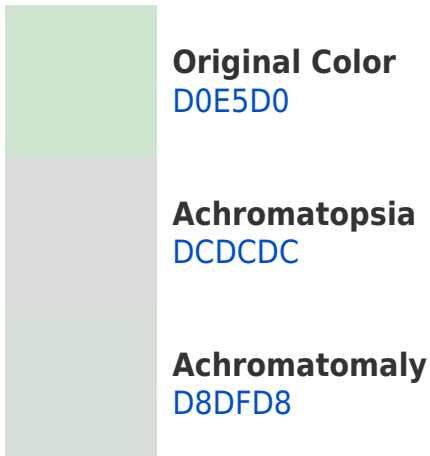


**Tritanopia**  
D5E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E5D0 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 #D0E5D0 looks like.

```
.text, #text, p{  
    color:#D0E5D0  
}
```

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 #D0E5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E5D0
}
```

## Border

The CSS property to change the border of an element to Hex D0E5D0 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
#D0E5D0 }
```

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

```
.border{ border-color:#D0E5D0 }
```

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

Here you see how a box with a 4 pixel #D0E5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E5D0; -webkit-box-shadow:4px 4px  
4px 4px #D0E5D0; box-shadow:4px 4px 4px  
4px #D0E5D0 }
```

# Background

The CSS property to change the background color of an element to Hex D0E5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E5D0 }
```

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

```
.background{ background-color:#D0E5D0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor