

# Converting Colors

Hex(D5E0CC)

Have a look what the booklet for  
Hex(D5E0CC) contains.

<b>Hex(D5E0CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5E0CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E0CC
RGB	213, 224, 204
RGB Percent	84%, 88%, 80%
CMY	0.1647, 0.1216, 0.2000
CMYK	0.05, 0.00, 0.09, 0.12
HSL	93°, 24%, 84%
HSV	93°, 9%, 88%
XYZ	64.9953, 71.8171, 67.5632
YIQ	218.4310, -0.1360, -8.5520

# Conversions

## Conversions Part 2

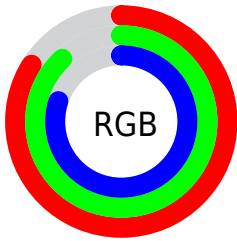
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 224, 215</a>
Decimal	<a href="#">14016716</a>
CIELab	<a href="#">87.88, -7.26, 8.52</a>
CIELCh	<a href="#">88, 11.188, 130.426</a>
Yxy	<a href="#">71.8171, 0.3180, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4292206796 (0xFFD5E0CC)</a>
YUV	<a href="#">218.4310, -7.1145, -4.7630</a>
Hunter-Lab	<a href="#">84.7450, -11.4027, 12.0523</a>

# Details

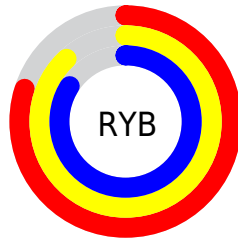
The Hex color **D5E0CC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7CCE0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **9EA996** is the 20% darker color. If you saturate the color by 10%, you get **C9E0B6**, and if you desaturate by 10%, it is **E1E0E2**.

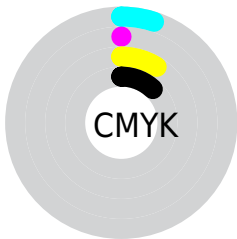
# Distribution



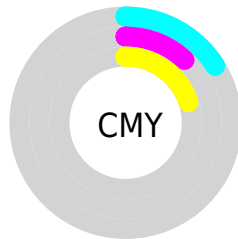
- Red (84%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5E0CC 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 D5E0CC by changing the saturation by 10% instead.



 D5E0CC

FFFFFF

 D5E0CC

 B9C4B1

 9EA996

 848E7C

 6B7563

 535C4B

 3C4535

 262E1F

 121A08

 000000

 D5E0CC

 D5E0CC

 C9E0B6

 E1E0E2

 BCE09F

 EEE0F9

 B0E089

 FAE0FF

 A4E072

 FFE0FF

 97E05C

 8BE046

 7FE02F

 72E019

 66E002

# Harmonies

## Analogous

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



E1DDC8



D5E0CC



CAE2D5

# Triad

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



D5E0CC



CADFF0



F3D5D9

# Complementary

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



D5E0CC



D7CCE0

# 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.



EED6E4



D5E0CC



D6DCF1

# Square

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



D5E0CC



C3E2EA



E3D9ED



F3D6CF

# Rectangle

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



D5E0CC



C5E3DC



E3D9ED



F2D5DD



# Sweetspot

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



D5E0CC



FBFFF7



E0D7CC



7D807A



000000



808080



# Same Dimension

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



D5E0CC



F0FFE3



CCE0CD



6A7065



4FB000



163000



# Inverse Universe

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



D7CCE0



F2E3FF



E0CCDF



6B6570



6100B0

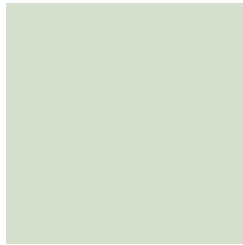


1B0030



# Previews

## White Background



This preview shows how the Hex color D5E0CC looks on a white background.

## Color Contrast Check

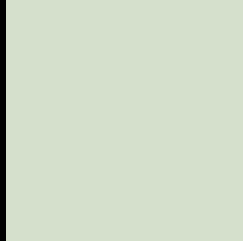
Large Text (above 18pt) WCAG AA × Fail

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 D5E0CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

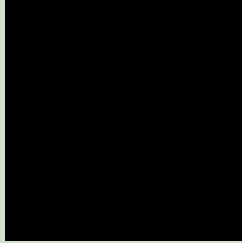
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

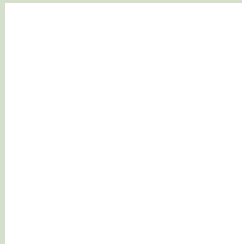
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5E0CC Background



This preview shows how black text looks on a background with the Hex color D5E0CC.

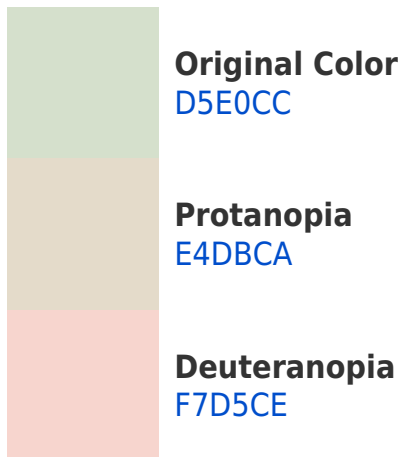


This preview shows how white text looks on a background with the Hex color D5E0CC.

# 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](#).

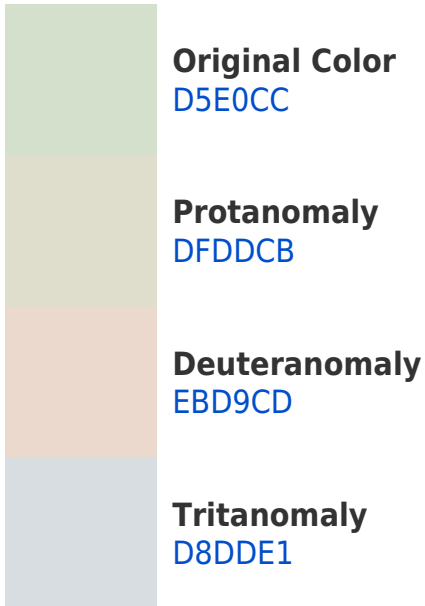
## Dichromacy





**Tritanopia**  
DADBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5E0CC 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 #D5E0CC looks like.

```
.text, #text, p{  
    color:#D5E0CC  
}
```

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 #D5E0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E0CC }  
}
```

## Border

The CSS property to change the border of an element to Hex D5E0CC 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 #D5E0CC }  
}
```

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

```
.border{ border-color:#D5E0CC }
```

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

Here you see how a box with a 4 pixel #D5E0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E0CC; -webkit-box-shadow:4px 4px  
4px 4px #D5E0CC; box-shadow:4px 4px 4px  
4px #D5E0CC }
```

# Background

The CSS property to change the background color of an element to Hex D5E0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E0CC }
```

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

```
.background{ background-color:#D5E0CC }
```

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