

# Converting Colors

Hex(D5DECA)

Have a look what the booklet for  
Hex(D5DECA) contains.

<b>Hex(D5DECA)</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(D5DECA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5DECA
RGB	213, 222, 202
RGB Percent	84%, 87%, 79%
CMY	0.1647, 0.1294, 0.2078
CMYK	0.04, 0.00, 0.09, 0.13
HSL	87°, 23%, 83%
HSV	87°, 9%, 87%
XYZ	64.2225, 70.6530, 66.1296
YIQ	217.0290, 1.0560, -8.1280

# Conversions

## Conversions Part 2

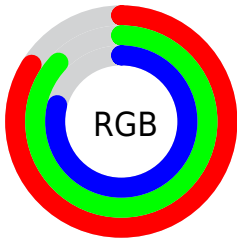
Format	Color
R <sub>Y</sub> B	202, 222, 211
Decimal	14016202
CIE Lab	87.32, -6.58, 8.76
CIE LCh	87, 10.953, 126.896
Yxy	70.6530, 0.3195, 0.3515
Android (android.graphics.Color)	4292206282 (0xFFD5DECA)
YUV	217.0290, -7.4093, -3.5334
Hunter-Lab	84.0553, -10.7137, 12.1929

# Details

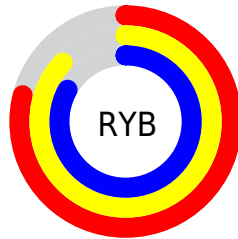
The Hex color **D5DECA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3CADE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **9EA794** is the 20% darker color. If you saturate the color by 10%, you get **CBDEB4**, and if you desaturate by 10%, it is **DFDEE0**.

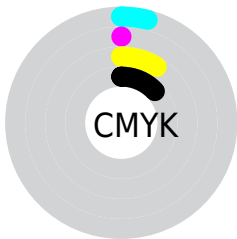
# Distribution



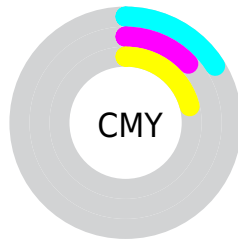
- Red (84%)
- Green (87%)
- Blue (79%)



- Red (79%)
- Yellow (87%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DECA 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 D5DECA by changing the saturation by 10% instead.



 D5DECA

FFFFFF

 D5DECA

 B9C2AF

 9EA794

 848D7A

 6B7361

 535A4A

 3C4333

 262D1E

 121805

 000000

 D5DECA

 D5DECA

 CBDEB4

 DFDEE0

 C1DE9E

 E9DEF6

 B7DE87

 F3DEFF

 ADDE71

 FDDEFF

 A3DE5B

 FFDEFF

 99DE45

 8FDE2F

 85DE18

 7BDE02

# Harmonies

## Analogous

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



E1DBC6



D5DECA



CAE0D2

# Triad

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



D5DECA



C8DEEE



F1D4D9

# Complementary

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



D5DECA



D3CADE

# 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.



EBD5E3



D5DECA



D3DBEF

# Square

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



D5DECA



C2E0E7



E0D7EB



F1D5CF

# Rectangle

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



D5DECA



C4E1D9



E0D7EB



EFD4DC



# Sweetspot

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



D5DECA



FCFFF7



DED3CA



7D807A



000000



808080

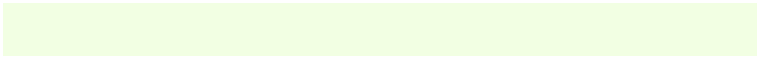


# Same Dimension

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



D5DECA



F2FFE3



CBDECA



6B7065



61B000



1B3000



# Inverse Universe

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



D3CADE



F0E3FF



DDCADE



6A6570



4F00B0

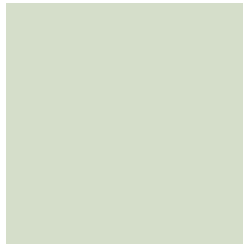


160030



# Previews

## White Background



This preview shows how the Hex color D5DECA looks on a white background.

## Color Contrast Check

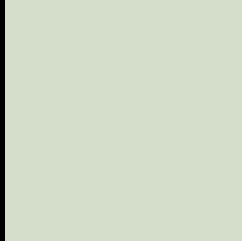
Large Text (above 18pt) WCAG AA × Fail

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 D5DECA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

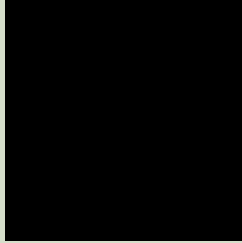
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

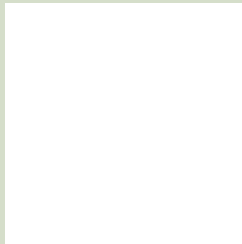
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5DECA Background



This preview shows how black text looks on a background with the Hex color D5DECA.

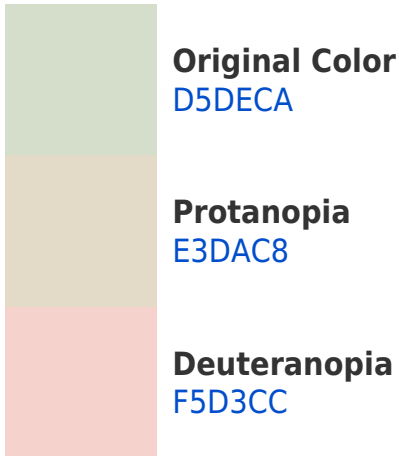


This preview shows how white text looks on a background with the Hex color D5DECA.

# 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](#).

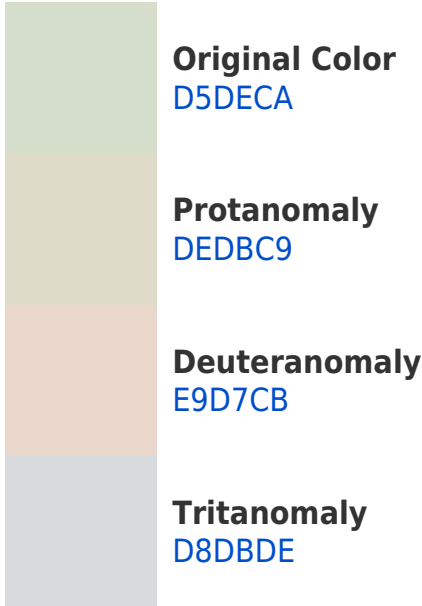
## Dichromacy





**Tritanopia**  
DAD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DECA 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 #D5DECA looks like.

```
.text, #text, p{  
    color:#D5DECA  
}
```

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 #D5DECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DECA
}
```

## Border

The CSS property to change the border of an element to Hex D5DECA 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
#D5DECA }
```

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

```
.border{ border-color:#D5DECA }
```

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

Here you see how a box with a 4 pixel #D5DECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DECA; -webkit-box-shadow:4px 4px  
4px 4px #D5DECA; box-shadow:4px 4px 4px  
4px #D5DECA }
```

# Background

The CSS property to change the background color of an element to Hex D5DECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DECA }
```

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

```
.background{ background-color:#D5DECA }
```

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