

# Converting Colors

Hex(D7ECCD)

Have a look what the booklet for  
Hex(D7ECCD) contains.

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# **Color**

**Hex(D7ECCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7ECCD
RGB	215, 236, 205
RGB Percent	84%, 93%, 80%
CMY	0.1569, 0.0745, 0.1961
CMYK	0.09, 0.00, 0.13, 0.07
HSL	101°, 45%, 86%
HSV	101°, 13%, 93%
XYZ	69.0392, 78.8458, 69.3376
YIQ	226.1870, -2.5650, -14.0930

# Conversions

## Conversions Part 2

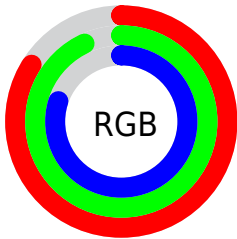
<b>Format</b>	<b>Color</b>
<b>RYB</b>	205, 236, 226
Decimal	14150861
CIELab	91.16, -12.46, 12.70
CIELCh	91, 17.789, 134.452
Yxy	78.8458, 0.3178, 0.3630
Android (android.graphics.Color)	4292340941 (0xFFD7ECCD)
YUV	226.1870, -10.4452, -9.8110
Hunter-Lab	88.7951, -16.6057, 15.8587

# Details

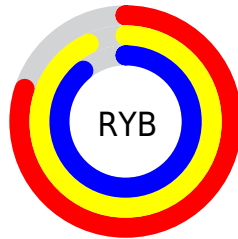
The Hex color **D7ECCD** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **E2CDEC**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B497** is the 20% darker color. If you saturate the color by 10%, you get **C7ECB5**, and if you desaturate by 10%, it is **E7ECE5**.

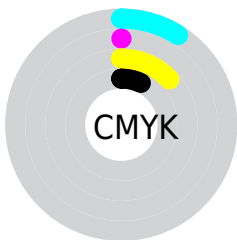
# Distribution



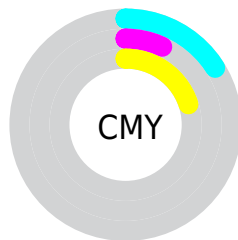
- Red (84%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7ECCD 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 D7ECCD by changing the saturation by 10% instead.



 D7ECCD

FFFFFF

 D7ECCD

 BBD0B2

 A0B497

 86997D

 6C7F64

 54664C

 3D4E35

 263720

 122209

 000800

 D7ECCD

 D7ECCD

 C7ECB5

 E7ECE5

 B7EC9E

 F7ECFC

 A7EC86

 FFECFF

 97EC6F

 87EC57

 77EC3F

 67EC28

 57EC10

 4CEC00

# Harmonies

## Analogous

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



EBE7C5



D7ECCD



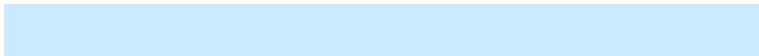
C5EFDC

# Triad

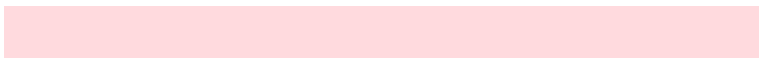
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7ECCD



C9EAFB



FFDADE

# Complementary

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



D7ECCD



E2CDEC

# 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.



FFDBEF



D7ECCD



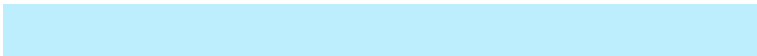
DEE4FF

# Square

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



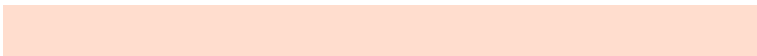
D7ECCD



BCEEFD



F3DFFE



FFDDCE

# Rectangle

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



D7ECCD



BDF0E8



F3DFFE



FFDAE4



# Sweetspot

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



D7ECCD



F8FFF5



ECE2CD



7B8079



000000



808080

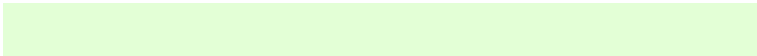


# Same Dimension

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



D7ECCD



E3FFD6



CDECD2



6D756A



3AB500



113600



# Inverse Universe

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



E2CDEC



F2D6FF



ECCDE7



726A75



7B00B5

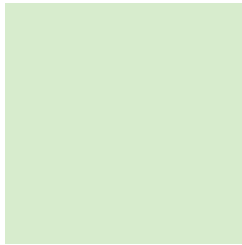


240036



# Previews

## White Background



This preview shows how the Hex color D7ECCD 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 D7ECCD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

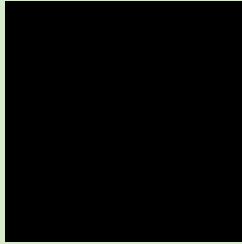
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

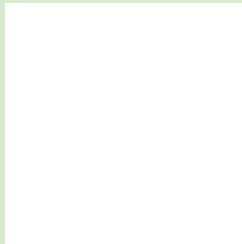
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7ECCD Background



This preview shows how black text looks on a background with the Hex color D7ECCD.

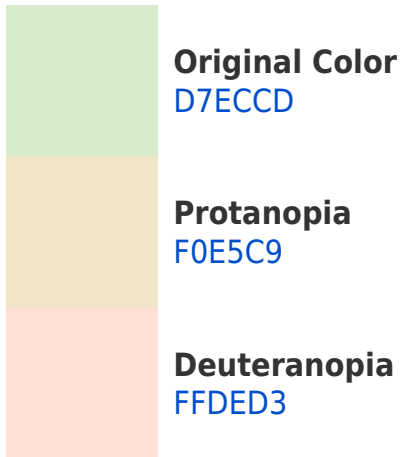


This preview shows how white text looks on a background with the Hex color D7ECCD.

# 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](#).

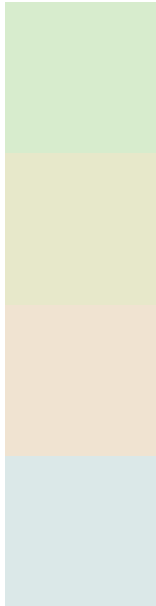
## Dichromacy





**Tritanopia**  
DEE6F8

# Trichromacy



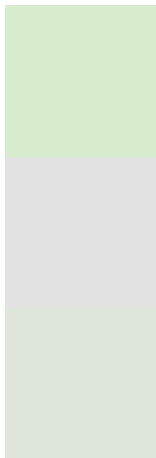
**Original Color**  
D7ECCD

**Protanomaly**  
E7E8CA

**Deuteranomaly**  
F0E3D1

**Tritanomaly**  
DBE8E8

# Monochromacy



**Original Color**  
D7ECCD

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
DEE6DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7ECCD 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 #D7ECCD looks like.

```
.text, #text, p{  
    color:#D7ECCD  
}
```

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 #D7ECCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ECCD
}
```

## Border

The CSS property to change the border of an element to Hex D7ECCD 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
#D7ECCD }
```

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

```
.border{ border-color:#D7ECCD }
```

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

Here you see how a box with a 4 pixel #D7ECCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ECCD; -webkit-box-shadow:4px 4px  
4px 4px #D7ECCD; box-shadow:4px 4px 4px  
4px #D7ECCD }
```

# Background

The CSS property to change the background color of an element to Hex D7ECCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ECCD }
```

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

```
.background{ background-color:#D7ECCD }
```

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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