

# Converting Colors

Hex(D7D9EA)

Have a look what the booklet for  
Hex(D7D9EA) contains.

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# **Color**

**Hex(D7D9EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D9EA
RGB	215, 217, 234
RGB Percent	84%, 85%, 92%
CMY	0.1569, 0.1490, 0.0824
CMYK	0.08, 0.07, 0.00, 0.08
HSL	234°, 31%, 88%
HSV	234°, 8%, 92%
XYZ	67.6885, 70.0133, 87.7883
YIQ	218.3400, -6.6490, 4.8630

# Conversions

## Conversions Part 2

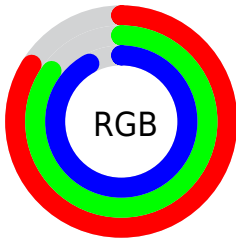
Format	Color
R <sub>Y</sub> B	215, 217, 234
Decimal	14146026
CIE Lab	87.00, 2.53, -8.55
CIE LCh	87, 8.920, 286.459
Yxy	70.0133, 0.3002, 0.3105
Android (android.graphics.Color)	4292336106 (0xFFD7D9EA)
YUV	218.3400, 7.7204, -2.9292
Hunter-Lab	83.6739, -2.0309, -3.6336

# Details

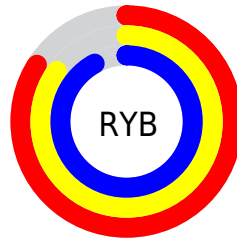
The Hex color **D7D9EA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EAE8D7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A2B2** is the 20% darker color. If you saturate the color by 10%, you get **C0C4EA**, and if you desaturate by 10%, it is **EEEEEA**.

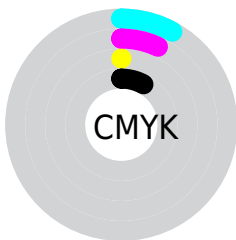
# Distribution



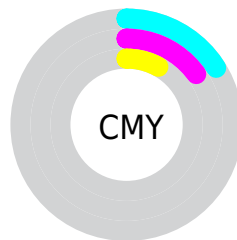
- Red (84%)
- Green (85%)
- Blue (92%)



- Red (84%)
- Yellow (85%)
- Blue (92%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D9EA 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 D7D9EA by changing the saturation by 10% instead.



■ D7D9EA

FFFFFF

■ D7D9EA

■ BBBDCE

■ A0A2B2

■ 868898

■ 6D6F7E

■ 545665

■ 3D3F4D

■ 272936

■ 131521

■ 000008

 D7D9EA


 D7D9EA

 C0C4EA

 EEEEEEA

 A8AFEAA

 FFFFEEA

 919AEA

 7985EA

 6270EA

 4B5BEA

 3346EA

 1C32EA

 041DEA

# Harmonies

## Analogous

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



CDDCEA



D7D9EA



E1D6E6

# Triad

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



D7D9EA



EBD6CE



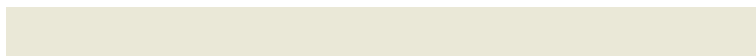
CADFD6

# Complementary

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



D7D9EA



EAE8D7

# 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.



D2DDCE



D7D9EA



E5D8CA

# Square

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



D7D9EA



EDD4D5



DCDBCA



C5DFDE

# Rectangle

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



D7D9EA



E7D5E1



DCDBCA



CCDED3



# Sweetspot

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



D7D9EA



FAFAFF



D7EAE8



7D7D80



000000



808080



# Same Dimension

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



D7D9EA



E6E8FF



DED7EA



6A6B75



0013B5



000636



# Inverse Universe

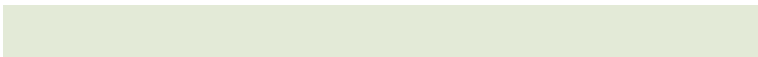
The Inverse Universe completely reimagines the original color for something new.



EAD7D9



FFE6E8



E3EAD7



756A6B



B50013

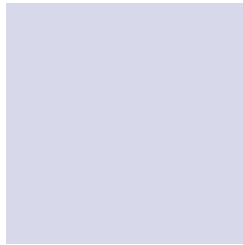


360006



# Previews

## White Background



This preview shows how the Hex color D7D9EA looks on a white background.

## Color Contrast Check

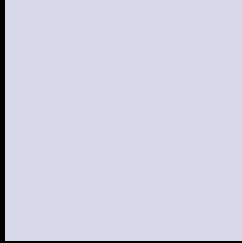
Large Text (above 18pt) WCAG AA × Fail

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 D7D9EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

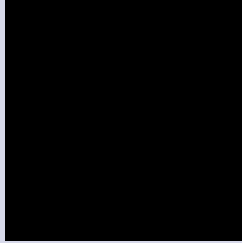
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

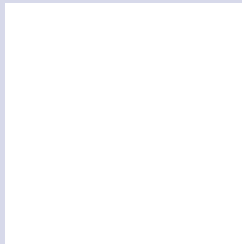
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7D9EA Background



This preview shows how black text looks on a background with the Hex color D7D9EA.

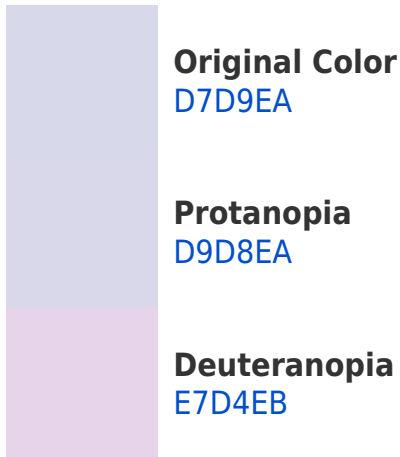


This preview shows how white text looks on a background with the Hex color D7D9EA.

# 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**  
D7D9EA

# Trichromacy



**Original Color**  
D7D9EA

**Protanomaly**  
D8D8EA

**Deuteranomaly**  
E1D6EB

**Tritanomaly**  
D7D9EA

# Monochromacy



**Original Color**  
D7D9EA

**Achromatopsia**  
DADADA

**Achromatomaly**  
D9DAE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D9EA 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 #D7D9EA looks like.

```
.text, #text, p{  
    color:#D7D9EA  
}
```

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 #D7D9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D9EA
}
```

## Border

The CSS property to change the border of an element to Hex D7D9EA 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
#D7D9EA }
```

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

```
.border{ border-color:#D7D9EA }
```

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

Here you see how a box with a 4 pixel #D7D9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D9EA; -webkit-box-shadow:4px 4px  
4px 4px #D7D9EA; box-shadow:4px 4px 4px  
4px #D7D9EA }
```

# Background

The CSS property to change the background color of an element to Hex D7D9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D9EA }
```

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

```
.background{ background-color:#D7D9EA }
```

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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