

Converting Colors

Hex(D7D8E2)

Have a look what the booklet for
Hex(D7D8E2) contains.

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Color

Hex(D7D8E2)

Conversions

Conversions Part 1

Format	Color
Hex	D7D8E2
RGB	215, 216, 226
RGB Percent	84%, 85%, 89%
CMY	0.1569, 0.1529, 0.1137
CMYK	0.05, 0.04, 0.00, 0.11
HSL	235°, 16%, 86%
HSV	235°, 5%, 89%
XYZ	66.3077, 69.0498, 81.7847
YIQ	216.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

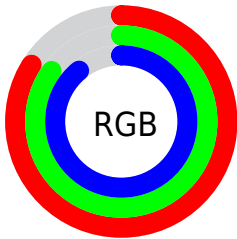
Format	Color
RYB	215, 216, 226
Decimal	14145762
CIELab	86.53, 1.52, -5.03
CIELCh	87, 5.253, 286.779
Yxy	69.0498, 0.3054, 0.3180
Android (android.graphics.Color)	4292335842 (0xFFD7D8E2)
YUV	216.8410, 4.5154, -1.6146
Hunter-Lab	83.0962, -2.9820, -0.1869

Details

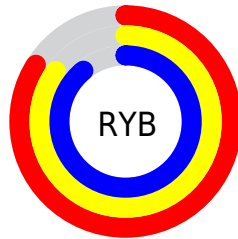
The Hex color **D7D8E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2E1D7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A1AB** is the 20% darker color. If you saturate the color by 10%, you get **C0C3E2**, and if you desaturate by 10%, it is **EEEEDE2**.

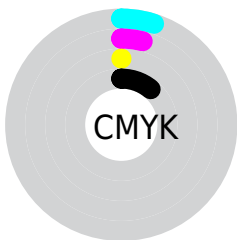
Distribution



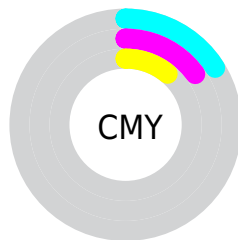
- Red (84%)
- Green (85%)
- Blue (89%)



- Red (84%)
- Yellow (85%)
- Blue (89%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7D8E2 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 D7D8E2 by changing the saturation by 10% instead.

■ D7D8E2

FFFFFF

■ D7D8E2

■ BBBC66

■ A0A1AB

■ 868790

■ 6D6E77

■ 55555E

■ 3D3E46

■ 282830

■ 13141B

■ 000000

 D7D8E2

 D7D8E2

 C0C3E2

 EEDEE2

 AAAFE2

 FFFFE2

 939AE2

 7D86E2

 6671E2

 4F5DE2

 3948E2

 2234E2

 0C1FE2

Harmonies

Analogous

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



D1DAE2



D7D8E2



DDD6DF

Triad

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



D7D8E2



E3D6D1



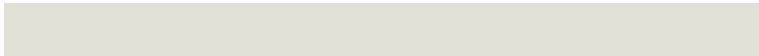
CFDBD6

Complementary

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



D7D8E2



E2E1D7

Split Complementary

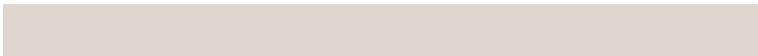
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D4DBD2



D7D8E2



DFD7CF

Square

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



D7D8E2



E4D5D6



DAD9CF



CDDCDB

Rectangle

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



D7D8E2



E0D6DD



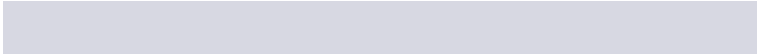
DAD9CF



D1DBD4

Sweetspot

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



D7D8E2



FCDFDF



D7E2E1



7E7E80



000000



808080

Same Dimension

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



D7D8E2



F0F1FF



DBD7E2



686970



0010B0



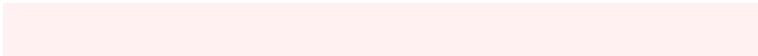
000430

Inverse Universe

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



E2D7D8



FFF0F1



DEE2D7



706869



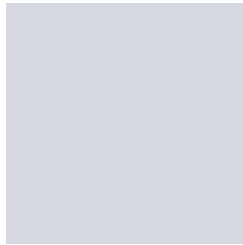
B00010



300004

Previews

White Background



This preview shows how the Hex color D7D8E2 looks on a white background.

Color Contrast Check

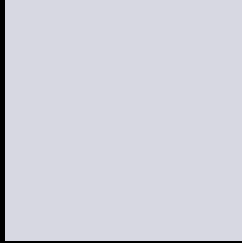
Large Text (above 18pt) WCAG AA × Fail

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 D7D8E2 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

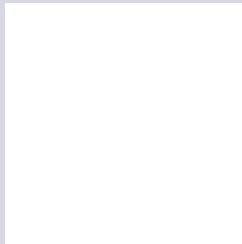
Any Text WCAG AAA ✓ Pass

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

Hex D7D8E2 Background



This preview shows how black text looks on a background with the Hex color D7D8E2.



This preview shows how white text looks on a background with the Hex color D7D8E2.

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
D8D7E8

Trichromacy



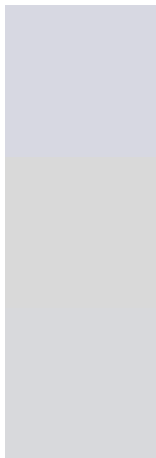
Original Color
D7D8E2

Protanomaly
D9D7E2

Deuteranomaly
E2D4E3

Tritanomaly
D8D7E6

Monochromacy



Original Color
D7D8E2

Achromatopsia
D9D9D9

Achromatomaly
D8D9DC

CSS Examples

Text

The CSS property to change the color of the text to Hex D7D8E2 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 #D7D8E2 looks like.

```
.text, #text, p{  
    color:#D7D8E2  
}
```

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 #D7D8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D8E2
}
```

Border

The CSS property to change the border of an element to Hex D7D8E2 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
#D7D8E2 }
```

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

```
.border{ border-color:#D7D8E2 }
```

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

Here you see how a box with a 4 pixel #D7D8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D8E2; -webkit-box-shadow:4px 4px  
4px 4px #D7D8E2; box-shadow:4px 4px 4px  
4px #D7D8E2 }
```

Background

The CSS property to change the background color of an element to Hex D7D8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D8E2 }
```

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

```
.background{ background-color:#D7D8E2 }
```

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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