

# Converting Colors

Hex(D7D8E0)

Have a look what the booklet for  
Hex(D7D8E0) contains.

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# **Color**

**Hex(D7D8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D8E0
RGB	215, 216, 224
RGB Percent	84%, 85%, 88%
CMY	0.1569, 0.1529, 0.1216
CMYK	0.04, 0.04, 0.00, 0.12
HSL	233°, 13%, 86%
HSV	233°, 4%, 88%
XYZ	66.0347, 68.9406, 80.3475
YIQ	216.6130, -3.1640, 2.2760

# Conversions

## Conversions Part 2

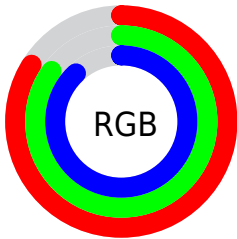
Format	Color
R <sub>Y</sub> B	215, 216, 224
Decimal	14145760
CIE Lab	86.47, 1.14, -4.05
CIE LCh	86, 4.209, 285.719
Yxy	68.9406, 0.3067, 0.3202
Android (android.graphics.Color)	4292335840 (0xFFD7D8E0)
YUV	216.6130, 3.6418, -1.4146
Hunter-Lab	83.0305, -3.3410, 0.7472

# Details

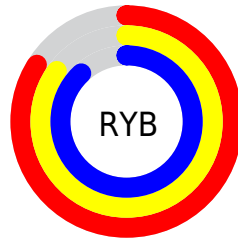
The Hex color **D7D8E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0DFD7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A1A9** is the 20% darker color. If you saturate the color by 10%, you get **C1C4E0**, and if you desaturate by 10%, it is **EDECE0**.

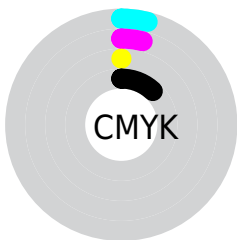
# Distribution



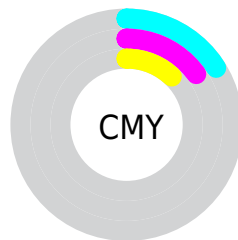
- Red (84%)
- Green (85%)
- Blue (88%)



- Red (84%)
- Yellow (85%)
- Blue (88%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D8E0 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 D7D8E0 by changing the saturation by 10% instead.



 D7D8E0

FFFFFF

 D7D8E0

 BBBC4

 A0A1A9

 86878E

 6D6E75

 55555C

 3D3E45

 28282E

 13141A

 000000

 D7D8E0

 D7D8E0

 C1C4E0

 EDECE0

 AAB0E0

 FFFFE0

 949CE0

 7D88E0

 6774E0

 5161E0

 3A4DE0

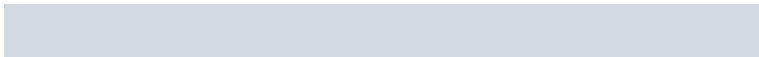
 2439E0

 0D25E0

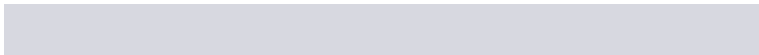
# Harmonies

## Analogous

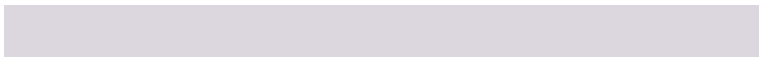
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D3D9E0



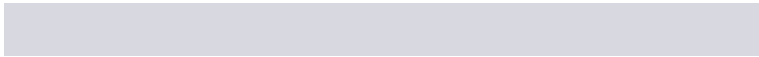
D7D8E0



DCD7DE

# Triad

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



D7D8E0



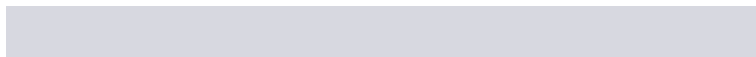
E1D6D3



D1DBD6

# Complementary

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



D7D8E0



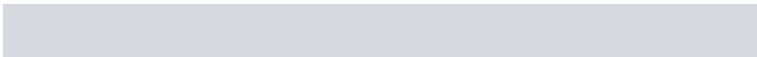
E0DFD7

# Split Complementary

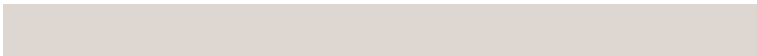
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D5DAD3



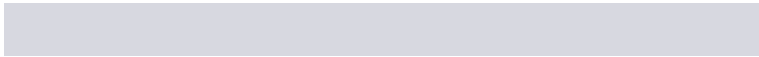
D7D8E0



DED7D1

# Square

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



D7D8E0



E1D6D6



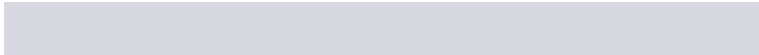
DAD9D1



CFDBDA

# Rectangle

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



D7D8E0



DED6DC



DAD9D1

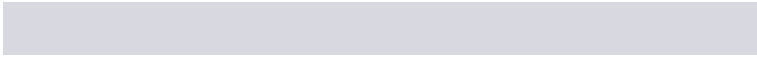


D2DBD5



# Sweetspot

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



D7D8E0



FCDFDF



D7E0DF



7E7E80



000000



808080



# Same Dimension

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



D7D8E0



F2F4FF



DAD7E0



696A70



0014B0



000530

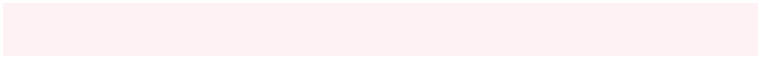


# Inverse Universe

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



E0D7D8



FFF2F4



DDE0D7



70696A



B00014

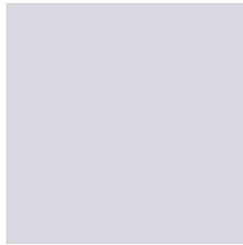


300005



# Previews

## White Background



This preview shows how the Hex color D7D8E0 looks on a white background.

## Color Contrast Check

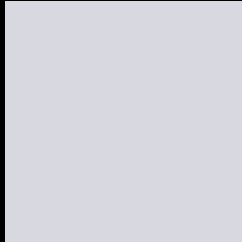
Large Text (above 18pt) WCAG AA × Fail

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 D7D8E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

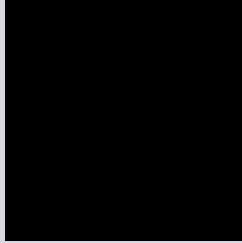
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

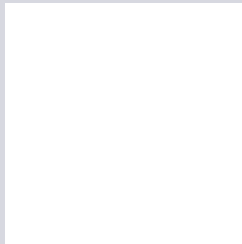
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7D8E0 Background



This preview shows how black text looks on a background with the Hex color D7D8E0.



This preview shows how white text looks on a background with the Hex color D7D8E0.

# 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](#).

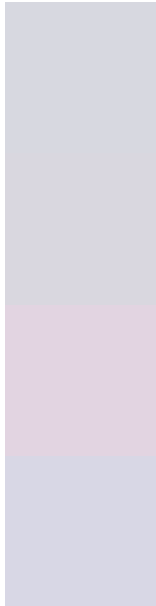
## Dichromacy





**Tritanopia**  
D8D7E8

# Trichromacy



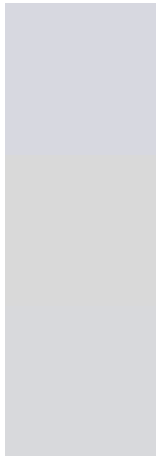
**Original Color**  
D7D8E0

**Protanomaly**  
D9D7DF

**Deuteranomaly**  
E2D4E1

**Tritanomaly**  
D8D7E5

# Monochromacy



**Original Color**  
D7D8E0

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D8D9DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D8E0 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 #D7D8E0 looks like.

```
.text, #text, p{  
    color:#D7D8E0  
}
```

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 #D7D8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D8E0
}
```

## Border

The CSS property to change the border of an element to Hex D7D8E0 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
#D7D8E0 }
```

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

```
.border{ border-color:#D7D8E0 }
```

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

Here you see how a box with a 4 pixel #D7D8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D8E0; -webkit-box-shadow:4px 4px  
4px 4px #D7D8E0; box-shadow:4px 4px 4px  
4px #D7D8E0 }
```

# Background

The CSS property to change the background color of an element to Hex D7D8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D8E0 }
```

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

```
.background{ background-color:#D7D8E0 }
```

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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