

# Converting Colors

Hex(D2D3E7)

Have a look what the booklet for  
Hex(D2D3E7) contains.

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# **Color**

**Hex(D2D3E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2D3E7
RGB	210, 211, 231
RGB Percent	82%, 83%, 91%
CMY	0.1765, 0.1725, 0.0941
CMYK	0.09, 0.09, 0.00, 0.09
HSL	237°, 30%, 86%
HSV	237°, 9%, 91%
XYZ	64.2964, 66.0597, 84.9633
YIQ	212.9810, -7.0160, 6.0080

# Conversions

## Conversions Part 2

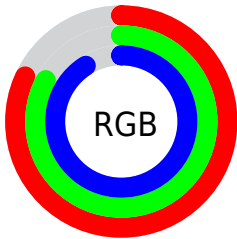
Format	Color
R <sub>YB</sub>	210, 211, 231
Decimal	13816807
CIE Lab	85.03, 3.46, -9.94
CIE LCh	85, 10.529, 289.186
Yxy	66.0597, 0.2986, 0.3068
Android (android.graphics.Color)	4292006887 (0xFFD2D3E7)
YUV	212.9810, 8.8834, -2.6143
Hunter-Lab	81.2771, -1.0278, -5.0850

# Details

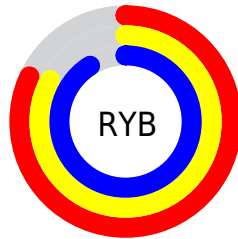
The Hex color **D2D3E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7E6D2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **9B9DAF** is the 20% darker color. If you saturate the color by 10%, you get **BBBDE7**, and if you desaturate by 10%, it is **E9E9E7**.

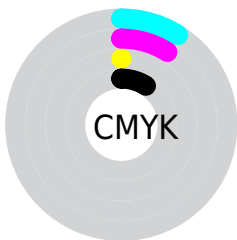
# Distribution



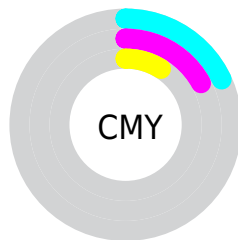
- Red (82%)
- Green (83%)
- Blue (91%)



- Red (82%)
- Yellow (83%)
- Blue (91%)



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



- Cyan (18%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2D3E7 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 D2D3E7 by changing the saturation by 10% instead.



■ D2D3E7

FFFFFF

■ D2D3E7

■ B6B7CB

■ 9B9DAF

■ 818295

■ 68697B

■ 505162

■ 393A4A

■ 232534

■ 0F101F

■ 000003

 D2D3E7

 D2D3E7

 BBBDE7

 E9E9E7

 A4A7E7

 FFFFE7

 8D91E7

 767BE7

 5E65E7

 474FE7

 3039E7

 1923E7

 020DE7

# Harmonies

## Analogous

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



C6D6E8



D2D3E7



DED0E1

# Triad

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



D2D3E7



E8D0C6



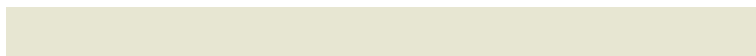
C1DAD0

# Complementary

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



D2D3E7



E7E6D2

# 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.



CAD8C7



D2D3E7



E0D2C1

# Square

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



D2D3E7



EACECE



D6D6C2



BCDADA

# Rectangle

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



D2D3E7



E4CEDC



D6D6C2



C3DACD



# Sweetspot

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



D2D3E7



F7F8FF



D2E7E6



7A7B80



000000



808080



# Same Dimension

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



D2D3E7



E3E4FF



DBD2E7



676873



0008B3



000233

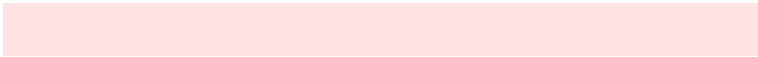


# Inverse Universe

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



E7D2D3



FFE3E4



DEE7D2



736768



B30008

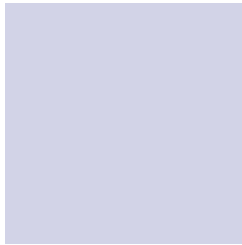


330002



# Previews

## White Background



This preview shows how the Hex color D2D3E7 looks on a white background.

## Color Contrast Check

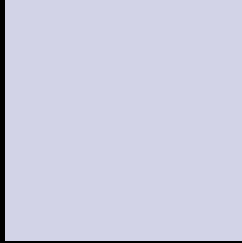
Large Text (above 18pt) WCAG AA × Fail

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 D2D3E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

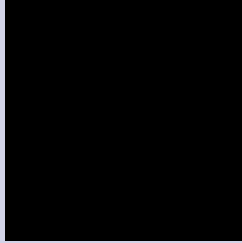
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

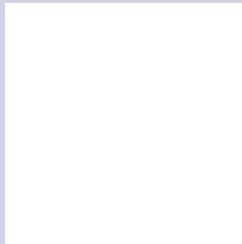
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2D3E7 Background



This preview shows how black text looks on a background with the Hex color D2D3E7.

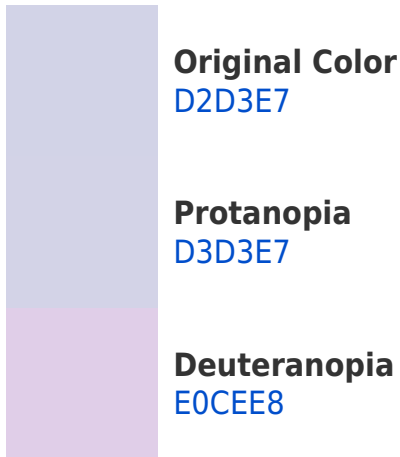


This preview shows how white text looks on a background with the Hex color D2D3E7.

# 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**  
D2D3E4

# Trichromacy



**Original Color**  
D2D3E7

**Protanomaly**  
D3D3E7

**Deuteranomaly**  
DBD0E8

**Tritanomaly**  
D2D3E5

# Monochromacy



**Original Color**  
D2D3E7

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
D4D4DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2D3E7 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 #D2D3E7 looks like.

```
.text, #text, p{  
    color:#D2D3E7  
}
```

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 #D2D3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2D3E7
}
```

## Border

The CSS property to change the border of an element to Hex D2D3E7 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
#D2D3E7 }
```

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

```
.border{ border-color:#D2D3E7 }
```

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

Here you see how a box with a 4 pixel #D2D3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2D3E7; -webkit-box-shadow:4px 4px  
4px 4px #D2D3E7; box-shadow:4px 4px 4px  
4px #D2D3E7 }
```

# Background

The CSS property to change the background color of an element to Hex D2D3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2D3E7 }
```

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

```
.background{ background-color:#D2D3E7 }
```

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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