

# Converting Colors

Hex(D7DFE3)

Have a look what the booklet for  
Hex(D7DFE3) contains.

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# **Color**

**Hex(D7DFE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7DFE3
RGB	215, 223, 227
RGB Percent	84%, 87%, 89%
CMY	0.1569, 0.1255, 0.1098
CMYK	0.05, 0.02, 0.00, 0.11
HSL	200°, 18%, 87%
HSV	200°, 5%, 89%
XYZ	68.2771, 72.7685, 83.1202
YIQ	221.0640, -6.0520, -0.4520

# Conversions

## Conversions Part 2

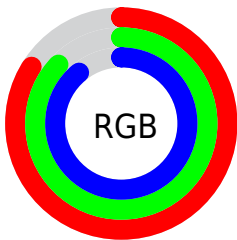
Format	Color
R <sub>Y</sub> B	215, 220, 227
Decimal	14147555
CIE Lab	88.34, -1.93, -2.90
CIE LCh	88, 3.480, 236.299
Yxy	72.7685, 0.3046, 0.3246
Android (android.graphics.Color)	4292337635 (0xFFD7DFE3)
YUV	221.0640, 2.9264, -5.3181
Hunter-Lab	85.3044, -6.4125, 1.9413

# Details

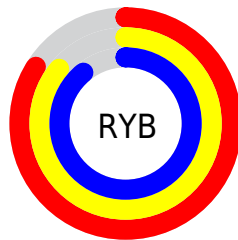
The Hex color **D7DFE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DBD7**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A8AC** is the 20% darker color. If you saturate the color by 10%, you get **C0D7E3**, and if you desaturate by 10%, it is **EEE7E3**.

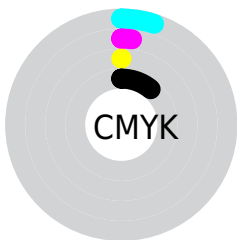
# Distribution



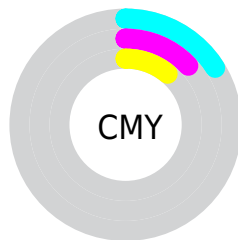
- Red (84%)
- Green (87%)
- Blue (89%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7DFE3 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 D7DFE3 by changing the saturation by 10% instead.



■ D7DFE3

FFFFFF

■ D7DFE3

■ BBC3C7

■ A0A8AC

■ 868D91

■ 6D7478

■ 545B5F

■ 3D4447

■ 272E31

■ 13191C

■ 000000

 D7DFE3

 D7DFE3

 C0D7E3

 EEE7E3

 AAD0E3

 FFEEE3

 93C8E3

 FFF6E3

 7CC1E3

 FFFDE3


 66B9E3

 FFFF E3

 4FB2E3

 38AAE3

 21A2E3

 0B9BE3

# Harmonies

## Analogous

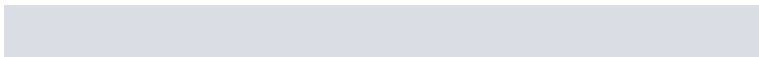
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D6E0E0



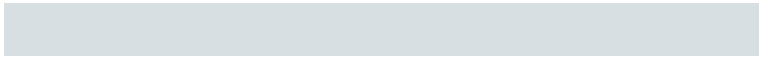
D7DFE3



DADEE4

# Triad

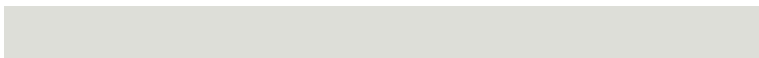
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7DFE3



E4DCDE



DDDED8

# Complementary

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



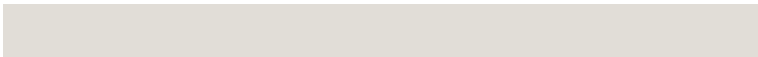
D7DFE3



E3DBD7

# Split Complementary

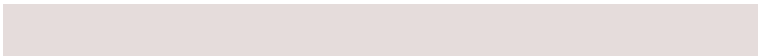
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1DDD7



D7DFE3



E5DCDB

# Square

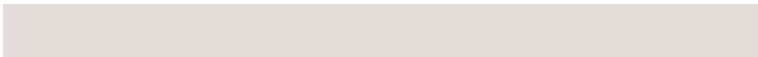
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7DFE3



E2DCE1



E4DCD8



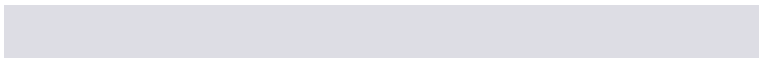
D9DFDA

# Rectangle

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



D7DFE3



DDDE4



E4DCD8



DFDED7



# Sweetspot

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



D7DFE3



FAFDFF



D7E3DB



7D7F80



000000



808080

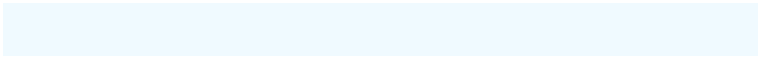


# Same Dimension

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



D7DFE3



F0FAFF



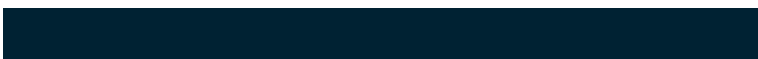
D7D9E3



6B7073



0077B3



002233



# Inverse Universe

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



E3D7DF



FFF0FA



E3E1D7



736B70



B30077

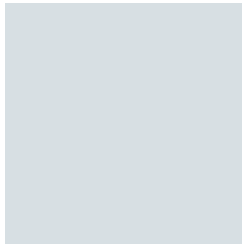


330022



# Previews

## White Background



This preview shows how the Hex color D7DFE3 looks on a white background.

## Color Contrast Check

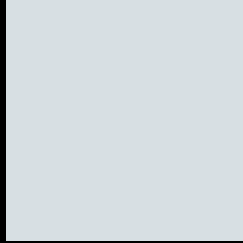
Large Text (above 18pt) WCAG AA × Fail

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 D7DFE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

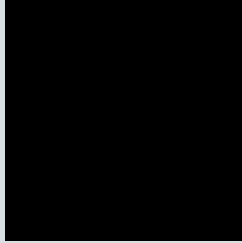
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

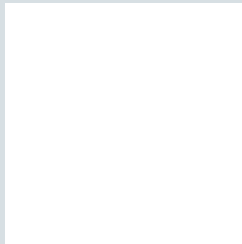
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7DFE3 Background



This preview shows how black text looks on a background with the Hex color D7DFE3.

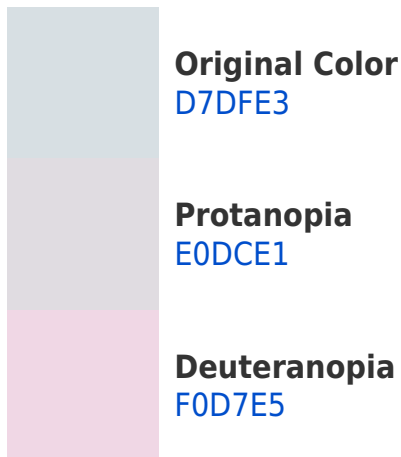


This preview shows how white text looks on a background with the Hex color D7DFE3.

# 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](#).

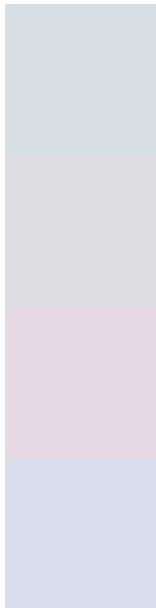
## Dichromacy





**Tritanopia**  
D9DDEF

# Trichromacy



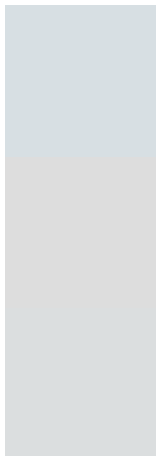
**Original Color**  
D7DFE3

**Protanomaly**  
DDDDE2

**Deuteranomaly**  
E7DAE4

**Tritanomaly**  
D8DEEB

# Monochromacy



**Original Color**  
D7DFE3

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DBDEDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7DFE3 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 #D7DFE3 looks like.

```
.text, #text, p{  
    color:#D7DFE3  
}
```

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 #D7DFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DFE3
}
```

## Border

The CSS property to change the border of an element to Hex D7DFE3 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
#D7DFE3 }
```

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

```
.border{ border-color:#D7DFE3 }
```

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

Here you see how a box with a 4 pixel #D7DFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DFE3; -webkit-box-shadow:4px 4px  
4px 4px #D7DFE3; box-shadow:4px 4px 4px  
4px #D7DFE3 }
```

# Background

The CSS property to change the background color of an element to Hex D7DFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DFE3 }
```

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

```
.background{ background-color:#D7DFE3 }
```

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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