

# Converting Colors

Hex(D1D9E9)

Have a look what the booklet for  
Hex(D1D9E9) contains.

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# **Color**

**Hex(D1D9E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1D9E9
RGB	209, 217, 233
RGB Percent	82%, 85%, 91%
CMY	0.1804, 0.1490, 0.0863
CMYK	0.10, 0.07, 0.00, 0.09
HSL	220°, 35%, 87%
HSV	220°, 10%, 91%
XYZ	65.8153, 69.0642, 86.9527
YIQ	216.4320, -9.9040, 3.2800

# Conversions

## Conversions Part 2

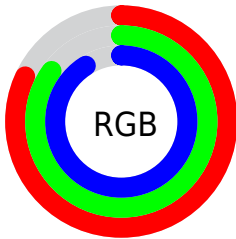
Format	Color
R <sub>Y</sub> B	209, 215, 233
Decimal	13752809
CIE Lab	86.54, 0.39, -8.77
CIE LCh	87, 8.777, 272.517
Yxy	69.0642, 0.2967, 0.3113
Android (android.graphics.Color)	4291942889 (0xFFD1D9E9)
YUV	216.4320, 8.1680, -6.5179
Hunter-Lab	83.1049, -4.0696, -3.8617

# Details

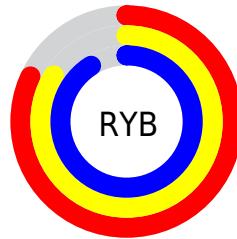
The Hex color **D1D9E9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9E1D1**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **9AA2B1** is the 20% darker color. If you saturate the color by 10%, you get **BAC9E9**, and if you desaturate by 10%, it is **E8E9E9**.

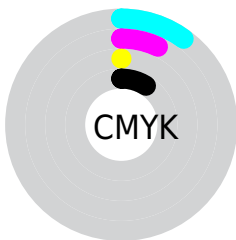
# Distribution



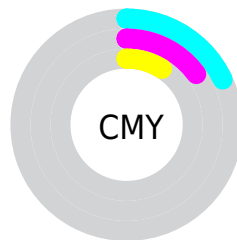
- Red (82%)
- Green (85%)
- Blue (91%)



- Red (82%)
- Yellow (84%)
- Blue (91%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1D9E9 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 D1D9E9 by changing the saturation by 10% instead.



■ D1D9E9

FFFFFF

■ D1D9E9

■ B5BDCD

■ 9AA2B1

■ 808897

■ 676F7D

■ 4F5664

■ 383F4C

■ 222935

■ 0D1520

■ 000007

 D1D9E9

 D1D9E9

 BAC9E9

 E8E9E9

 A2BAE9

 FFF8E9

 8BAAE9

 FFFF E9

 749BE9

 5D8BE9

 457CE9

 2E6CE9

 175DE9

 004EE9

# Harmonies

## Analogous

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



C9DCE7



D1D9E9



DBD6E7

# Triad

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



D1D9E9



EBD4D0



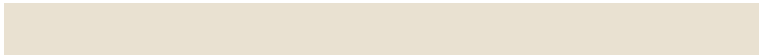
CCDDD1

# Complementary

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



D1D9E9



E9E1D1

# 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.



D5DBCA



D1D9E9



E7D6CA

# Square

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



D1D9E9



EAD3D8



DFD8C8



C6DED9

# Rectangle

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



D1D9E9



E2D5E3



DFD8C8



CFDCCE



# Sweetspot

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



D1D9E9



F7FAFF



D1E9E1



7A7C80



000000



808080



# Same Dimension

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



D1D9E9



E0EBFF



D5D1E9



6A6D75



003CB5



001236



# Inverse Universe

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



E9D1D9



FFE0EB



E5E9D1



756A6D



B5003C

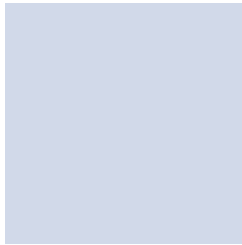


360012



# Previews

## White Background



This preview shows how the Hex color D1D9E9 looks on a white background.

## Color Contrast Check

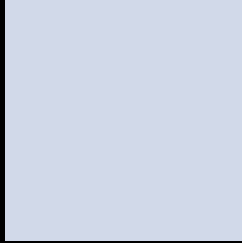
Large Text (above 18pt) WCAG AA × Fail

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 D1D9E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

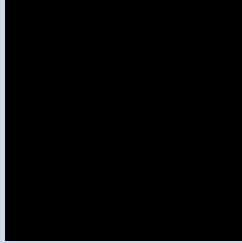
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

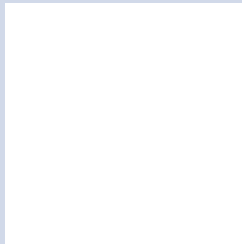
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1D9E9 Background



This preview shows how black text looks on a background with the Hex color D1D9E9.

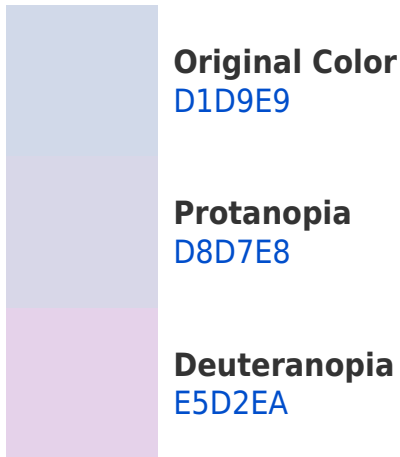


This preview shows how white text looks on a background with the Hex color D1D9E9.

# 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](#).

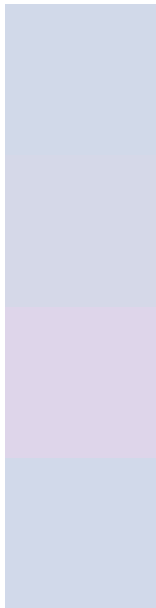
## Dichromacy





**Tritanopia**  
D1D9EA

# Trichromacy



**Original Color**  
D1D9E9

**Protanomaly**  
D5D8E8

**Deuteranomaly**  
DED5EA

**Tritanomaly**  
D1D9EA

# Monochromacy



**Original Color**  
D1D9E9

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D5D8DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1D9E9 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 #D1D9E9 looks like.

```
.text, #text, p{  
    color:#D1D9E9  
}
```

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 #D1D9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1D9E9
}
```

## Border

The CSS property to change the border of an element to Hex D1D9E9 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
#D1D9E9 }
```

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

```
.border{ border-color:#D1D9E9 }
```

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

Here you see how a box with a 4 pixel #D1D9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1D9E9; -webkit-box-shadow:4px 4px  
4px 4px #D1D9E9; box-shadow:4px 4px 4px  
4px #D1D9E9 }
```

# Background

The CSS property to change the background color of an element to Hex D1D9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1D9E9 }
```

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

```
.background{ background-color:#D1D9E9 }
```

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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