

Converting Colors

Hex(D1D7E3)

Have a look what the booklet for
Hex(D1D7E3) contains.

Hex(D1D7E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1D7E3)

Conversions

Conversions Part 1

Format	Color
Hex	D1D7E3
RGB	209, 215, 227
RGB Percent	82%, 84%, 89%
CMY	0.1804, 0.1569, 0.1098
CMYK	0.08, 0.05, 0.00, 0.11
HSL	220°, 24%, 85%
HSV	220°, 8%, 89%
XYZ	64.4601, 67.7022, 82.3435
YIQ	214.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

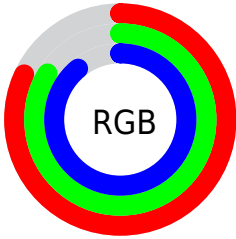
Format	Color
R _Y B	209, 214, 227
Decimal	13752291
CIE Lab	85.86, 0.25, -6.60
CIE LCh	86, 6.605, 272.192
Yxy	67.7022, 0.3005, 0.3156
Android (android.graphics.Color)	4291942371 (0xFFD1D7E3)
YUV	214.5740, 6.1260, -4.8884
Hunter-Lab	82.2814, -4.1537, -1.7378

Details

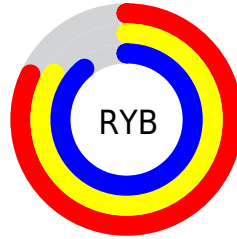
The Hex color **D1D7E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DDD1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **9BA0AC** is the 20% darker color. If you saturate the color by 10%, you get **BAC8E3**, and if you desaturate by 10%, it is **E8E6E3**.

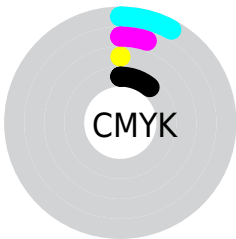
Distribution



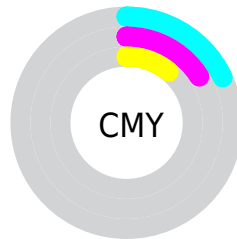
- Red (82%)
- Green (84%)
- Blue (89%)



- Red (82%)
- Yellow (84%)
- Blue (89%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1D7E3 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 D1D7E3 by changing the saturation by 10% instead.

■ D1D7E3

FFFFFF

■ D1D7E3

■ B5BBC7

■ 9BA0AC

■ 818691

■ 676D77

■ 4F555F

■ 383E47

■ 232831

■ 0E131C

■ 000000

 D1D7E3

 D1D7E3

 BAC8E3

 E8E6E3

 A4B9E3

 FEF5E3

 8DAAE3

 FFFFE3

 769AE3

 608BE3

 497CE3

 326DE3

 1B5EE3

 054FE3

Harmonies

Analogous

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



CBD9E1



D1D7E3



D9D5E1

Triad

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



D1D7E3



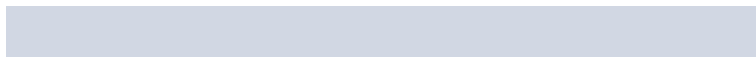
E4D3D0



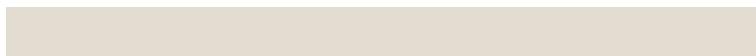
CEDAD1

Complementary

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



D1D7E3



E3DDD1

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.



D4D8CC



D1D7E3



E1D4CC

Square

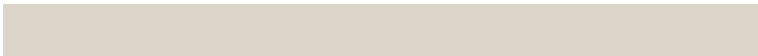
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1D7E3



E4D3D6



DCD6CA



C9DBD7

Rectangle

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



D1D7E3



DDD4DE



DCD6CA



D0D9CF

Sweetspot

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



D1D7E3



FAFCFF



D1E3DD



7D7E80



000000



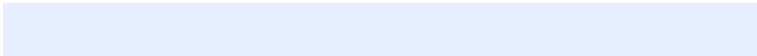
808080

Same Dimension

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



D1D7E3



E6EEFF



D4D1E3



676B73



003CB3



001133

Inverse Universe

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



E3D1D7



FFE6EE



E0E3D1



73676B



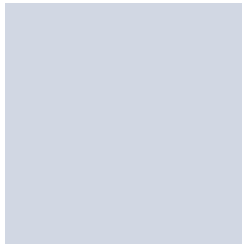
B3003B



330011

Previews

White Background



This preview shows how the Hex color D1D7E3 looks on a white background.

Color Contrast Check

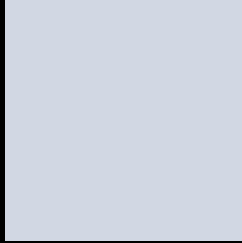
Large Text (above 18pt) WCAG AA × Fail

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 D1D7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

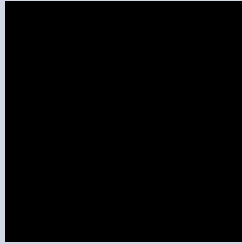
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

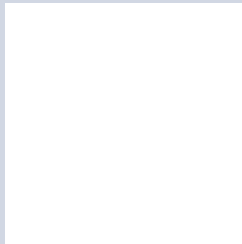
Any Text WCAG AAA ✓ Pass

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

Hex D1D7E3 Background



This preview shows how black text looks on a background with the Hex color D1D7E3.



This preview shows how white text looks on a background with the Hex color D1D7E3.

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](#).

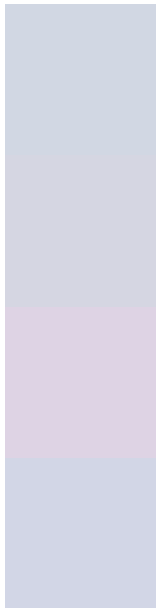
Dichromacy





Tritanopia
D2D6E7

Trichromacy



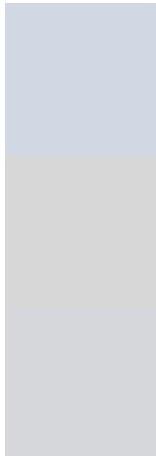
Original Color
D1D7E3

Protanomaly
D5D6E2

Deuteranomaly
DED3E4

Tritanomaly
D2D6E6

Monochromacy



Original Color
D1D7E3

Achromatopsia
D7D7D7

Achromatomaly
D5D7DB

CSS Examples

Text

The CSS property to change the color of the text to Hex D1D7E3 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 #D1D7E3 looks like.

```
.text, #text, p{  
    color:#D1D7E3  
}
```

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 #D1D7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1D7E3
}
```

Border

The CSS property to change the border of an element to Hex D1D7E3 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
#D1D7E3 }
```

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

```
.border{ border-color:#D1D7E3 }
```

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

Here you see how a box with a 4 pixel #D1D7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1D7E3; -webkit-box-shadow:4px 4px  
4px 4px #D1D7E3; box-shadow:4px 4px 4px  
4px #D1D7E3 }
```

Background

The CSS property to change the background color of an element to Hex D1D7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1D7E3 }
```

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

```
.background{ background-color:#D1D7E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor