

# Converting Colors

Hex(DCDAE7)

Have a look what the booklet for  
Hex(DCDAE7) contains.

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# **Color**

**Hex(DCDAE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCDAE7
RGB	220, 218, 231
RGB Percent	86%, 85%, 91%
CMY	0.1373, 0.1451, 0.0941
CMYK	0.05, 0.06, 0.00, 0.09
HSL	249°, 21%, 88%
HSV	249°, 6%, 91%
XYZ	69.0104, 71.1280, 85.6931
YIQ	220.0800, -2.9810, 4.4670

# Conversions

## Conversions Part 2

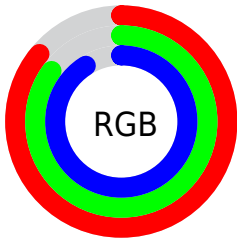
Format	Color
R <sub>Y</sub> B	220, 218, 231
Decimal	14473959
CIE Lab	87.55, 3.07, -6.12
CIE LCh	88, 6.852, 296.635
Yxy	71.1280, 0.3056, 0.3150
Android (android.graphics.Color)	4292664039 (0xFFDCDAE7)
YUV	220.0800, 5.3836, -0.0702
Hunter-Lab	84.3374, -1.5300, -1.2069

# Details

The Hex color **DCDAE7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5E7DA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A3AF** is the 20% darker color. If you saturate the color by 10%, you get **C8C3E7**, and if you desaturate by 10%, it is **F0F1E7**.

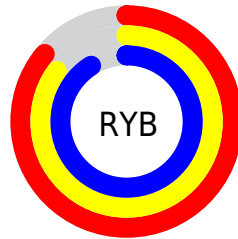
# Distribution



Red (86%)

Green (85%)

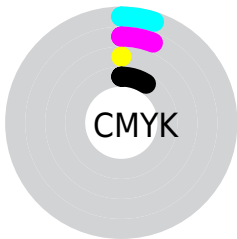
Blue (91%)



Red (86%)

Yellow (85%)

Blue (91%)

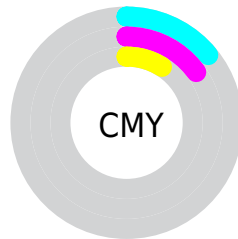


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (15%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCDAE7 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 DCDAE7 by changing the saturation by 10% instead.



■ DCDAE7

FFFFFF

■ DCDAE7

■ C0BECB

■ A5A3AF

■ 8B8995

■ 71707B

■ 595762

■ 41404A

■ 2B2A34

■ 17161F

■ 000005

 DCDAE7

 DCDAE7

 C8C3E7

 F0F1E7

 B5ACE7

 FFFFE7

 A195E7

 8E7EE7

 7A67E7

 674FE7

 5338E7

 4021E7

 2C0AE7

# Harmonies

## Analogous

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



D4DCE8



DCDAE7



E3D8E3

# Triad

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



DCDAE7



E8D9D1



CEDFDA

# Complementary

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



DCDAE7



E5E7DA

# 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.



D3DFD4



DCDAE7



E2DBCf

# Square

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



DCDAE7



EAD7D6



DBDDD0



CCDFE1

# Rectangle

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



DCDAE7



E7D7DF



DBDDD0



CFDFD8



# Sweetspot

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



DCDAE7



FBFAFF



DAE5E7



7D7D80



000000



808080



# Same Dimension

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



DCDAE7



F0EDFF



E2DAE7



6B6A73



1B00B3



080033



# Inverse Universe

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



E7DAE5



FFEDFC



DFE7DA



736A71



B30097

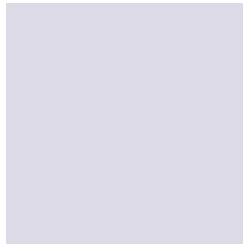


33002B



# Previews

## White Background



This preview shows how the Hex color DCDAE7 looks on a white background.

## Color Contrast Check

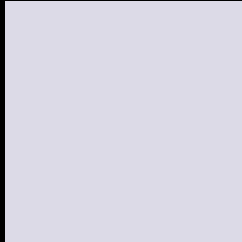
Large Text (above 18pt) WCAG AA × Fail

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 DCDAE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

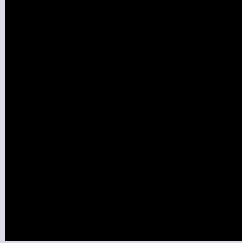
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

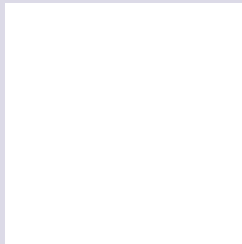
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCDAE7 Background



This preview shows how black text looks on a background with the Hex color DCDAE7.

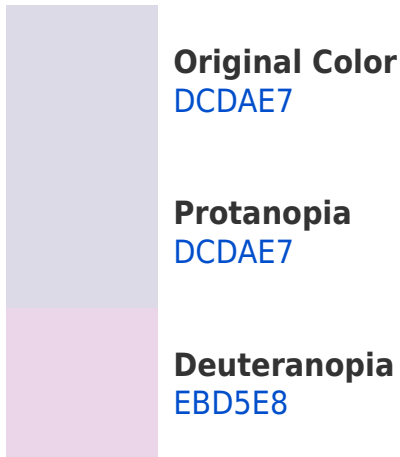


This preview shows how white text looks on a background with the Hex color DCDAE7.

# 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**  
DDD9EB

# Trichromacy



**Original Color**  
DCDAE7

**Protanomaly**  
DCDAE7

**Deuteranomaly**  
E6D7E8

**Tritanomaly**  
DDD9EA

# Monochromacy



**Original Color**  
DCDAE7

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DCDBE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCDAE7 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 #DCDAE7 looks like.

```
.text, #text, p{  
    color:#DCDAE7  
}
```

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 #DCDAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCDAE7  
}
```

## Border

The CSS property to change the border of an element to Hex DCDAE7 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  
#DCDAE7 }
```

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

```
.border{ border-color:#DCDAE7 }
```

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

Here you see how a box with a 4 pixel #DCDAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCDAE7; -webkit-box-shadow:4px 4px  
4px 4px #DCDAE7; box-shadow:4px 4px 4px  
4px #DCDAE7 }
```

# Background

The CSS property to change the background color of an element to Hex DCDAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCDAE7 }
```

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

```
.background{ background-color:#DCDAE7 }
```

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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