

# Converting Colors

Hex(C9DCE3)

Have a look what the booklet for  
Hex(C9DCE3) contains.

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# **Color**

**Hex(C9DCE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DCE3
RGB	201, 220, 227
RGB Percent	79%, 86%, 89%
CMY	0.2118, 0.1373, 0.1098
CMYK	0.11, 0.03, 0.00, 0.11
HSL	196°, 32%, 84%
HSV	196°, 11%, 89%
XYZ	63.5457, 69.1500, 82.6711
YIQ	215.1170, -13.5710, -1.8510

# Conversions

## Conversions Part 2

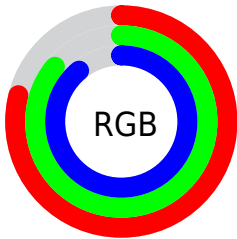
Format	Color
R <sub>Y</sub> B	201, 212, 227
Decimal	13229283
CIE Lab	86.58, -4.94, -5.60
CIE LCh	87, 7.467, 228.564
Yxy	69.1500, 0.2951, 0.3211
Android (android.graphics.Color)	4291419363 (0xFFC9DCE3)
YUV	215.1170, 5.8583, -12.3806
Hunter-Lab	83.1565, -9.1193, -0.7344

# Details

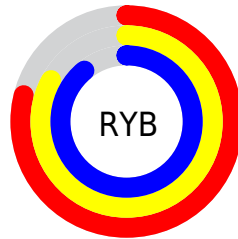
The Hex color **C9DCE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3D0C9**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **93A5AC** is the 20% darker color. If you saturate the color by 10%, you get **B2D6E3**, and if you desaturate by 10%, it is **E0E2E3**.

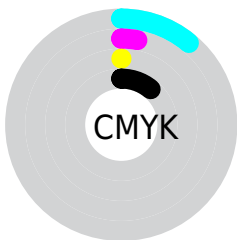
# Distribution



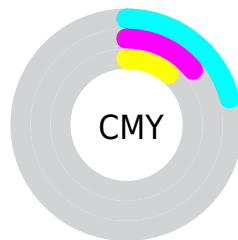
- Red (79%)
- Green (86%)
- Blue (89%)



- Red (79%)
- Yellow (83%)
- Blue (89%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9DCE3 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 C9DCE3 by changing the saturation by 10% instead.



■ C9DCE3

FFFFFF

■ C9DCE3

■ AEC0C7

■ 93A5AC

■ 798B91

■ 607177

■ 48595F

■ 314147

■ 1B2B31

■ 04171C

■ 000000

 C9DCE3

 C9DCE3

 B2D6E3

 E0E2E3

 9CD0E3

 F6E8E3

 85CAE3

 FFEEE3

 6EC4E3

 FFF4E3

 58BDE3

 FFFBE3

 41B7E3

 FFFF E3

 2AB1E3

 13ABE3

 00A6E3

# Harmonies

## Analogous

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



C8DDDD



C9DCE3



CFDAE6

# Triad

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



C9DCE3



E6D4DC



DADACB

# Complementary

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



C9DCE3



E3D0C9

# 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.



E2D7CB



C9DCE3



E8D4D4

# Square

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



C9DCE3



DFD6E2



E7D5CE



D2DCCF

# Rectangle

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



C9DCE3



D4D9E7



E7D5CE



DDD9CB

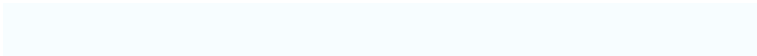


# Sweetspot

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



C9DCE3



F7FDFF



C9E3D0



7A7E80



000000



808080

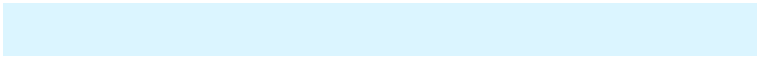


# Same Dimension

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



C9DCE3



DBF5FF



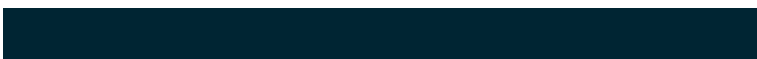
C9CFE3



677073



0082B3



002533



# Inverse Universe

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



E3C9DC



FFDBF5



E3DDC9



736770



B30082

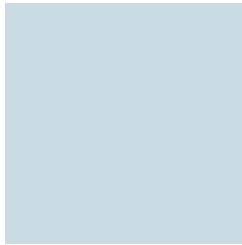


330025



# Previews

## White Background



This preview shows how the Hex color C9DCE3 looks on a white background.

## Color Contrast Check

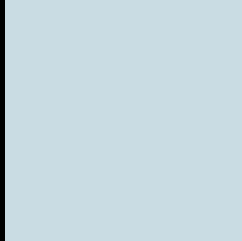
Large Text (above 18pt) WCAG AA × Fail

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 C9DCE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

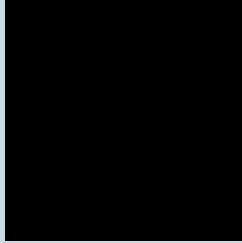
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

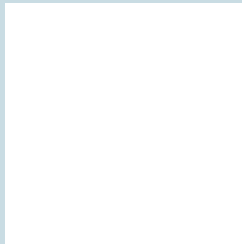
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9DCE3 Background



This preview shows how black text looks on a background with the Hex color C9DCE3.

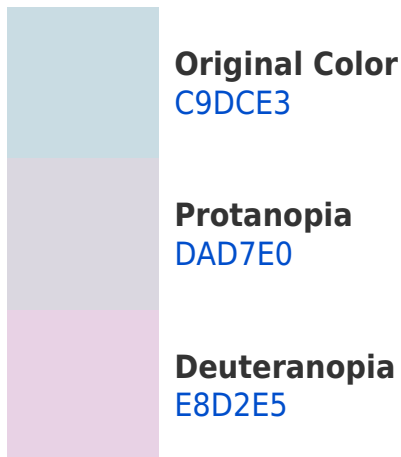


This preview shows how white text looks on a background with the Hex color C9DCE3.

# Color Blindness Simulation

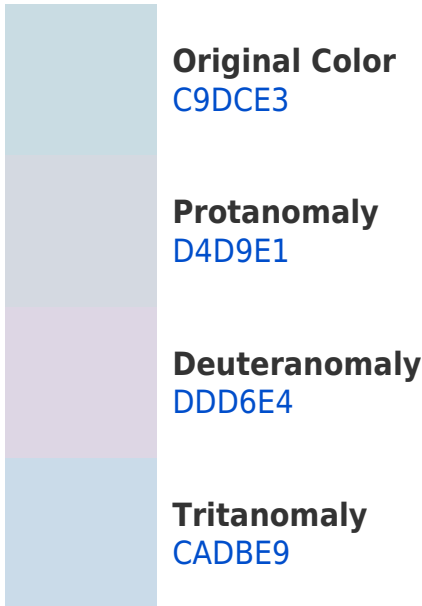
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

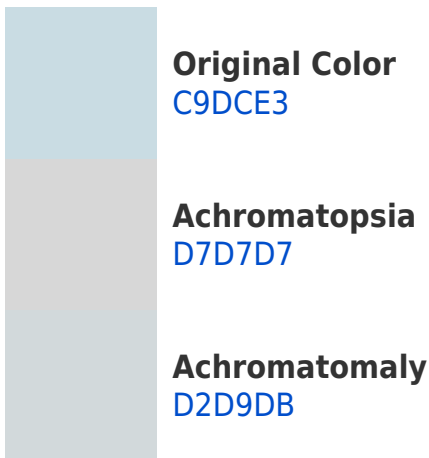




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9DCE3 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 #C9DCE3 looks like.

```
.text, #text, p{  
    color:#C9DCE3  
}
```

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 #C9DCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9DCE3  
}
```

## Border

The CSS property to change the border of an element to Hex C9DCE3 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  
#C9DCE3 }
```

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

```
.border{ border-color:#C9DCE3 }
```

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

Here you see how a box with a 4 pixel `#C9DCE3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9DCE3; -webkit-box-shadow:4px 4px  
4px 4px #C9DCE3; box-shadow:4px 4px 4px  
4px #C9DCE3 }
```

# Background

The CSS property to change the background color of an element to Hex C9DCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9DCE3 }
```

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

```
.background{ background-color:#C9DCE3 }
```

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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