

Converting Colors

Hex(CDD9E6)

Have a look what the booklet for
Hex(CDD9E6) contains.

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Color

Hex(CDD9E6)

Conversions

Conversions Part 1

Format	Color
Hex	CDD9E6
RGB	205, 217, 230
RGB Percent	80%, 85%, 90%
CMY	0.1961, 0.1490, 0.0980
CMYK	0.11, 0.06, 0.00, 0.10
HSL	211°, 33%, 85%
HSV	211°, 11%, 90%
XYZ	64.2726, 68.3180, 84.6621
YIQ	214.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

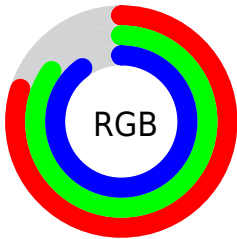
Format	Color
RYB	205, 213, 230
Decimal	13490662
CIELab	86.17, -1.50, -7.76
CIELCh	86, 7.907, 259.059
Yxy	68.3180, 0.2958, 0.3145
Android (android.graphics.Color)	4291680742 (0xFFCDD9E6)
YUV	214.8940, 7.4473, -8.6770
Hunter-Lab	82.6547, -5.8435, -2.8716

Details

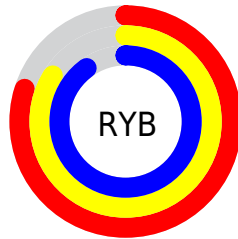
The Hex color **CDD9E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DACD**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **97A2AF** is the 20% darker color. If you saturate the color by 10%, you get **B6CDE6**, and if you desaturate by 10%, it is **E4E5E6**.

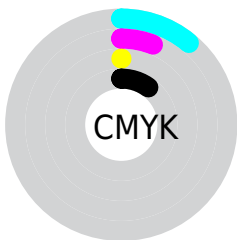
Distribution



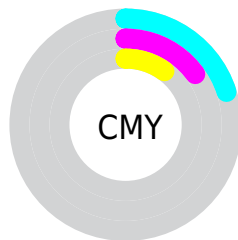
- Red (80%)
- Green (85%)
- Blue (90%)



- Red (80%)
- Yellow (84%)
- Blue (90%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDD9E6 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 CDD9E6 by changing the saturation by 10% instead.

■ CDD9E6

FFFFFF

■ CDD9E6

■ B1BDCA

■ 97A2AF

■ 7D8894

■ 646F7A

■ 4C5661

■ 353F4A

■ 1F2933

■ 09151E

■ 000003

 CDD9E6

 CDD9E6

 B6CDE6

 E4E5E6

 9FC1E6

 FBF1E6

 88B5E6

 FFFDE6

 71A9E6

 FFFF E6

 5A9DE6

 4391E6

 2C85E6

 1579E6

 006EE6

Harmonies

Analogous

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



C7DBE3



CDD9E6



D6D7E6

Triad

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



CDD9E6



E8D3D3



D0DBCE

Complementary

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



CDD9E6



E6DACD

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.



D9D9C9



CDD9E6



E6D4CC

Square

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



CDD9E6



E5D3DB



E1D6C9



C9DCD4

Rectangle

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



CDD9E6



DCD5E3



E1D6C9



D3DACC

Sweetspot

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



CDD9E6



F7FBFF



CDE6DA



7A7D80



000000



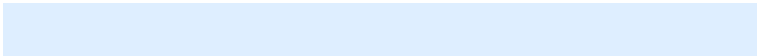
808080

Same Dimension

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



CDD9E6



DEEEFF



CDCDE6



676D73



0056B3



001833

Inverse Universe

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



E6CDD9



FFDEEE



E6E6CD



73676D



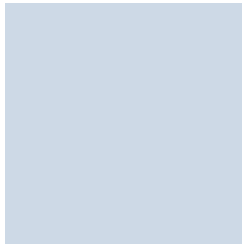
B30056



330018

Previews

White Background



This preview shows how the Hex color CDD9E6 looks on a white background.

Color Contrast Check

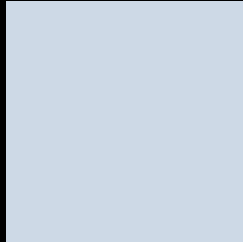
Large Text (above 18pt) WCAG AA × Fail

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 CDD9E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

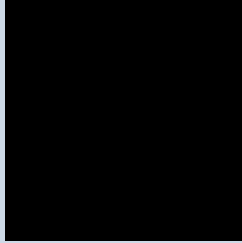
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

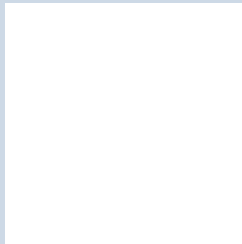
Any Text WCAG AAA ✓ Pass

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

Hex CDD9E6 Background



This preview shows how black text looks on a background with the Hex color CDD9E6.

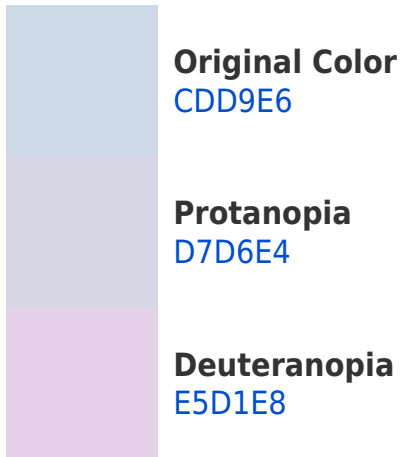


This preview shows how white text looks on a background with the Hex color CDD9E6.

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](#).

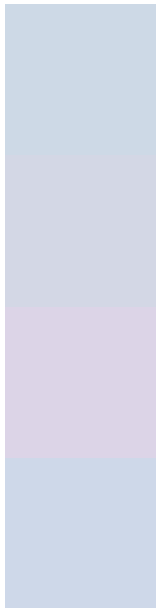
Dichromacy





Tritanopia
CED8EA

Trichromacy



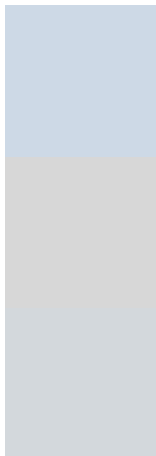
Original Color
CDD9E6

Protanomaly
D3D7E5

Deuteranomaly
DCD4E7

Tritanomaly
CED8E9

Monochromacy



Original Color
CDD9E6

Achromatopsia
D7D7D7

Achromatomaly
D3D8DC

CSS Examples

Text

The CSS property to change the color of the text to Hex CDD9E6 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 #CDD9E6 looks like.

```
.text, #text, p{  
    color:#CDD9E6  
}
```

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 #CDD9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD9E6
}
```

Border

The CSS property to change the border of an element to Hex CDD9E6 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
#CDD9E6 }
```

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

```
.border{ border-color:#CDD9E6 }
```

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

Here you see how a box with a 4 pixel #CDD9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD9E6; -webkit-box-shadow:4px 4px  
4px 4px #CDD9E6; box-shadow:4px 4px 4px  
4px #CDD9E6 }
```

Background

The CSS property to change the background color of an element to Hex CDD9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD9E6 }
```

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

```
.background{ background-color:#CDD9E6 }
```

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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