

Converting Colors

Hex(CDD5E3)

Have a look what the booklet for
Hex(CDD5E3) contains.

Hex(CDD5E3)	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(CDD5E3)

Conversions

Conversions Part 1

Format	Color
Hex	CDD5E3
RGB	205, 213, 227
RGB Percent	80%, 84%, 89%
CMY	0.1961, 0.1647, 0.1098
CMYK	0.10, 0.06, 0.00, 0.11
HSL	218°, 28%, 85%
HSV	218°, 10%, 89%
XYZ	62.8362, 66.1137, 82.1224
YIQ	212.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

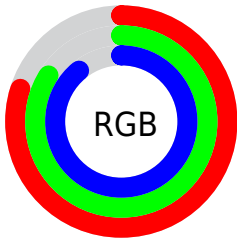
Format	Color
R _Y B	205, 211, 227
Decimal	13489635
CIE Lab	85.05, -0.01, -7.82
CIE LCh	85, 7.821, 269.952
Yxy	66.1137, 0.2977, 0.3132
Android (android.graphics.Color)	4291679715 (0xFFCDD5E3)
YUV	212.2040, 7.2944, -6.3179
Hunter-Lab	81.3103, -4.3491, -2.9650

Details

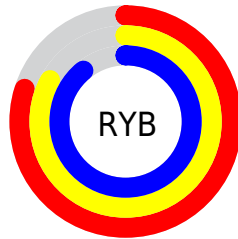
The Hex color **CDD5E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DBCD**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **979EAC** is the 20% darker color. If you saturate the color by 10%, you get **B6C7E3**, and if you desaturate by 10%, it is **E4E3E3**.

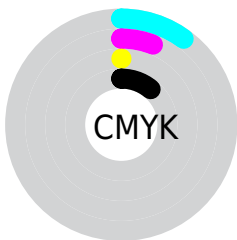
Distribution



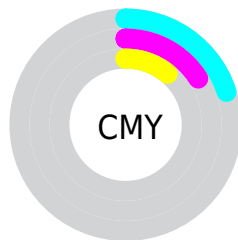
- Red (80%)
- Green (84%)
- Blue (89%)



- Red (80%)
- Yellow (83%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDD5E3 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 CDD5E3 by changing the saturation by 10% instead.

■ CDD5E3

FFFFFF

■ CDD5E3

■ B1B9C7

■ 979EAC

■ 7D8491

■ 646B77

■ 4C535F

■ 353C47

■ 1F2631

■ 09121C

■ 000000

 CDD5E3

 CDD5E3

 B6C7E3

 E4E3E3

 A0B8E3

 FAF2E3

 89AAE3


 FFFFE3


 729BE3

 5C8DE3

 457EE3

 2E70E3

 1761E3

 0153E3

Harmonies

Analogous

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



C6D7E1



CDD5E3



D6D3E1

Triad

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



CDD5E3



E5D0CD



CAD8CD

Complementary

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



CDD5E3



E3DBCD

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.



D2D6C8



CDD5E3



E2D2C8

Square

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



CDD5E3



E4D0D5



DBD4C6



C4D9D4

Rectangle

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



CDD5E3



DCD1DE



DBD4C6



CDD8CB

Sweetspot

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



CDD5E3



F7FAFF



CDE3DB



7A7C80



000000



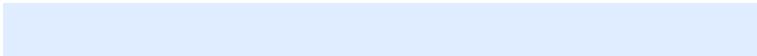
808080

Same Dimension

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



CDD5E3



E0ECFF



D0CDE3



676B73



0041B3



001333

Inverse Universe

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



E3CDD5



FFE0EC



E0E3CD



73676B



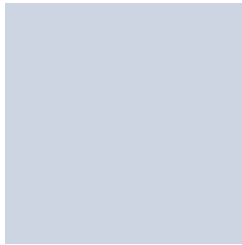
B30041



330013

Previews

White Background



This preview shows how the Hex color CDD5E3 looks on a white background.

Color Contrast Check

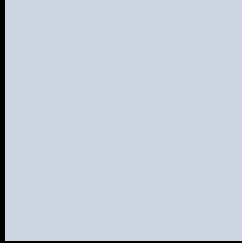
Large Text (above 18pt) WCAG AA × Fail

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 CDD5E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

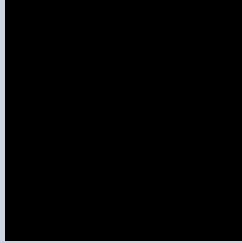
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

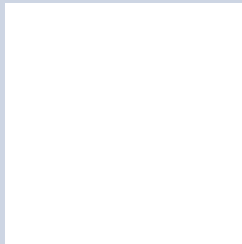
Any Text WCAG AAA ✓ Pass

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

Hex CDD5E3 Background



This preview shows how black text looks on a background with the Hex color CDD5E3.

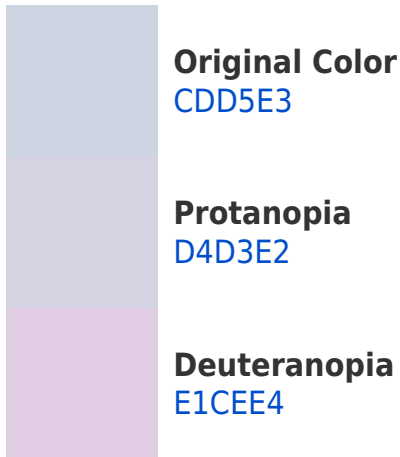


This preview shows how white text looks on a background with the Hex color CDD5E3.

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
CDD5E5

Trichromacy



Original Color
CDD5E3

Protanomaly
D1D4E2

Deuteranomaly
DAD1E4

Tritanomaly
CDD5E4

Monochromacy



Original Color
CDD5E3

Achromatopsia
D4D4D4

Achromatomaly
D1D4D9

CSS Examples

Text

The CSS property to change the color of the text to Hex CDD5E3 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 #CDD5E3 looks like.

```
.text, #text, p{  
    color:#CDD5E3  
}
```

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 #CDD5E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD5E3  
}
```

Border

The CSS property to change the border of an element to Hex CDD5E3 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  
#CDD5E3 }
```

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

```
.border{ border-color:#CDD5E3 }
```

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

Here you see how a box with a 4 pixel #CDD5E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD5E3; -webkit-box-shadow:4px 4px  
4px 4px #CDD5E3; box-shadow:4px 4px 4px  
4px #CDD5E3 }
```

Background

The CSS property to change the background color of an element to Hex CDD5E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD5E3 }
```

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

```
.background{ background-color:#CDD5E3 }
```

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