

# Converting Colors

Hex(CCD5E6)

Have a look what the booklet for  
Hex(CCD5E6) contains.

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# **Color**

**Hex(CCD5E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD5E6
RGB	204, 213, 230
RGB Percent	80%, 84%, 90%
CMY	0.2000, 0.1647, 0.0980
CMYK	0.11, 0.07, 0.00, 0.10
HSL	219°, 34%, 85%
HSV	219°, 11%, 90%
XYZ	62.9790, 66.1390, 84.3097
YIQ	212.2470, -10.8210, 3.3790

# Conversions

## Conversions Part 2

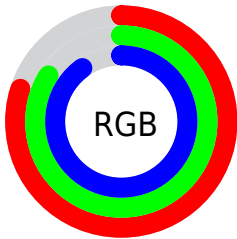
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 211, 230
Decimal	13424102
CIE <sub>Lab</sub>	85.07, 0.27, -9.40
CIE <sub>LCh</sub>	85, 9.405, 271.629
Yxy	66.1390, 0.2951, 0.3099
Android (android.graphics.Color)	4291614182 (0xFFCCD5E6)
YUV	212.2470, 8.7522, -7.2326
Hunter-Lab	81.3259, -4.0894, -4.5371

# Details

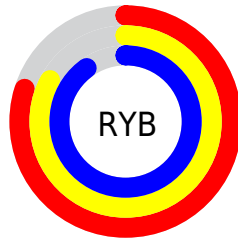
The Hex color **CCD5E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DDCC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **969EAF** is the 20% darker color. If you saturate the color by 10%, you get **B5C6E6**, and if you desaturate by 10%, it is **E3E4E6**.

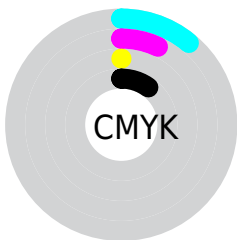
# Distribution



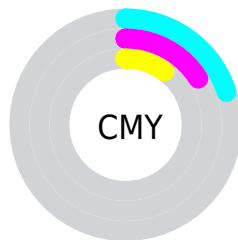
- Red (80%)
- Green (84%)
- Blue (90%)



- Red (80%)
- Yellow (83%)
- Blue (90%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (16%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCD5E6 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 CCD5E6 by changing the saturation by 10% instead.



■ CCD5E6

FFFFFF

■ CCD5E6

■ B0B9CA

■ 969EAF

■ 7C8494

■ 636B7A

■ 4B5361

■ 343C49

■ 1E2633

■ 08121E

■ 000002

 CCD5E6

 CCD5E6

 B5C6E6


 E3E4E6

 9EB7E6

 FAF3E6

 87A8E6

 FFFFE6

 7099E6

 598AE6

 427BE6

 2B6CE6

 145DE6

 0050E6

# Harmonies

## Analogous

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



C3D8E4



CCD5E6



D7D2E4

# Triad

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



CCD5E6



E8CFCB



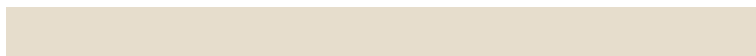
C8D9CC

# Complementary

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



CCD5E6



E6DDCC

# 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.



D1D7C5



CCD5E6



E4D1C5

# Square

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



CCD5E6



E7CFD4



DCD4C3



C1DAD5

# Rectangle

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



CCD5E6



DED0E0



DCD4C3



CBD8C9

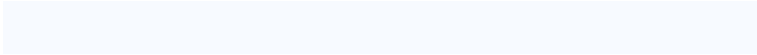


# Sweetspot

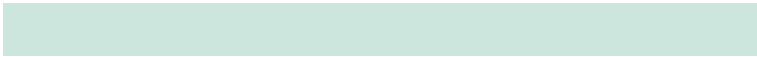
The Sweet Spot groups the original color and five complimentary colors.



CCD5E6



F7FAFF



CCE6DD



7A7C80



000000



808080



# Same Dimension

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



CCD5E6



DBE8FF



D0CCE6



676B73



003EB3



001233



# Inverse Universe

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



E6CCD5



FFDBE8



E2E6CC



73676B



B3003E

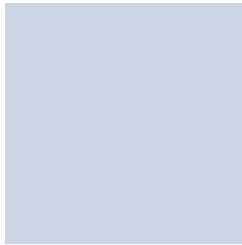


330012



# Previews

## White Background



This preview shows how the Hex color CCD5E6 looks on a white background.

## Color Contrast Check

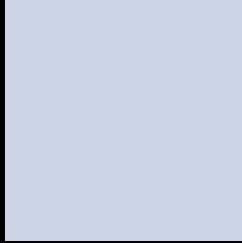
Large Text (above 18pt) WCAG AA × Fail

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 CCD5E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

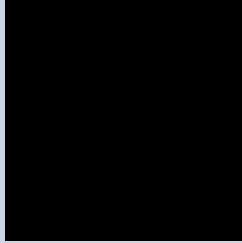
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

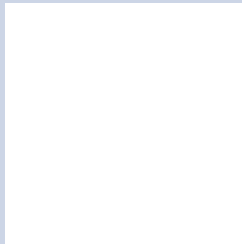
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCD5E6 Background



This preview shows how black text looks on a background with the Hex color CCD5E6.

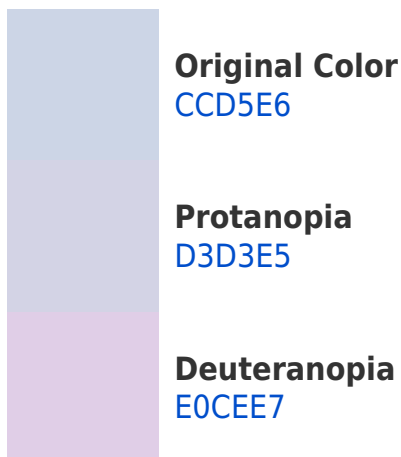


This preview shows how white text looks on a background with the Hex color CCD5E6.

# 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



**Original Color**  
CCD5E6

**Protanomaly**  
D0D4E5

**Deuteranomaly**  
D9D1E7

**Tritanomaly**  
CCD5E6

# Monochromacy



**Original Color**  
CCD5E6

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D1D4DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCD5E6 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 #CCD5E6 looks like.

```
.text, #text, p{  
    color:#CCD5E6  
}
```

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 #CCD5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD5E6  
}
```

## Border

The CSS property to change the border of an element to Hex CCD5E6 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  
#CCD5E6 }
```

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

```
.border{ border-color:#CCD5E6 }
```

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

Here you see how a box with a 4 pixel #CCD5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD5E6; -webkit-box-shadow:4px 4px  
4px 4px #CCD5E6; box-shadow:4px 4px 4px  
4px #CCD5E6 }
```

# Background

The CSS property to change the background color of an element to Hex CCD5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD5E6 }
```

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

```
.background{ background-color:#CCD5E6 }
```

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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