

# Converting Colors

Hex(C4D3E5)

Have a look what the booklet for  
Hex(C4D3E5) contains.

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# **Color**

**Hex(C4D3E5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4D3E5
RGB	196, 211, 229
RGB Percent	77%, 83%, 90%
CMY	0.2314, 0.1725, 0.1020
CMYK	0.14, 0.08, 0.00, 0.10
HSL	213°, 39%, 83%
HSV	213°, 14%, 90%
XYZ	60.2021, 63.9814, 83.3054
YIQ	208.5670, -14.7180, 2.4180

# Conversions

## Conversions Part 2

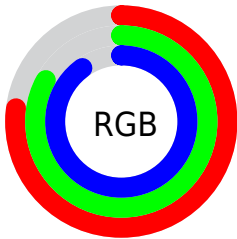
Format	Color
R <sub>YB</sub>	196, 206, 229
Decimal	12899301
CIE Lab	83.96, -1.45, -10.58
CIE LCh	84, 10.683, 262.219
Yxy	63.9814, 0.2901, 0.3084
Android (android.graphics.Color)	4291089381 (0xFFC4D3E5)
YUV	208.5670, 10.0735, -11.0213
Hunter-Lab	79.9884, -5.6343, -5.7568

# Details

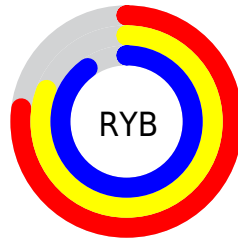
The Hex color **C4D3E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5D6C4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FDFFFF**, and **8E9DAE** is the 20% darker color. If you saturate the color by 10%, you get **ADC7E5**, and if you desaturate by 10%, it is **DBDFE5**.

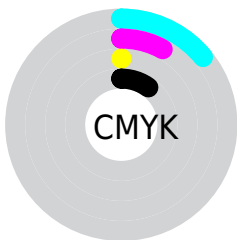
# Distribution



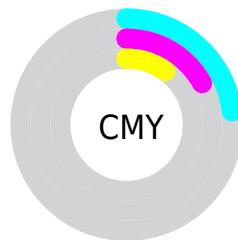
- Red (77%)
- Green (83%)
- Blue (90%)



- Red (77%)
- Yellow (81%)
- Blue (90%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D3E5 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 C4D3E5 by changing the saturation by 10% instead.



 C4D3E5

 C4D3E5

FFFFFF

 A9B7C9

FDFFFF

 8E9DAE

 748293

 5B6979

 435160

 2D3A49

 172532

 00101D

 000000

 C4D3E5

 C4D3E5

 ADC7E5

 DBDFE5

 96BAE5

 F2ECE5

 7FAEE5

 FFF8E5

 68A1E5

 FFFF E5

 5295E5

 3B88E5

 247CE5

 0D6FE5

 0068E5

# Harmonies

## Analogous

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



BBD6E1



C4D3E5



D0D0E4

# Triad

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



C4D3E5



E7CBCA



C6D6C5

# Complementary

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



C4D3E5



E5D6C4

# 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.



D2D3BF



C4D3E5



E4CDC2

# Square

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



C4D3E5



E5CBD4



DDD0BE



BDD7CE

# Rectangle

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



C4D3E5



D8CEE0



DDD0BE



CAD5C2



# Sweetspot

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



C4D3E5



F5F9FF



C4E5D6



797C80



000000



808080

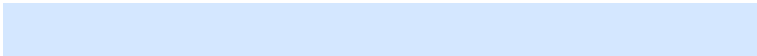


# Same Dimension

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



C4D3E5



D4E7FF



C5C4E5



676C73



0051B3



001733



# Inverse Universe

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



E5C4D3



FFD4E7



E4E5C4



73676C



B30051

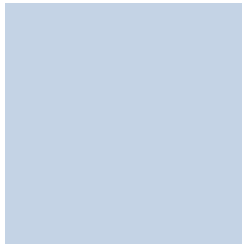


330017



# Previews

## White Background



This preview shows how the Hex color C4D3E5 looks on a white background.

## Color Contrast Check

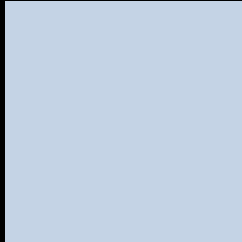
Large Text (above 18pt) WCAG AA × Fail

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 C4D3E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

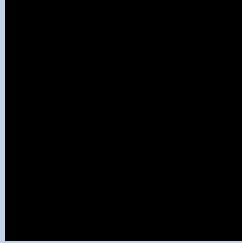
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

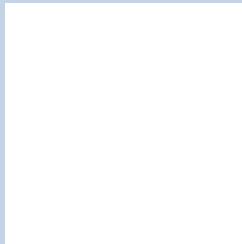
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4D3E5 Background



This preview shows how black text looks on a background with the Hex color C4D3E5.

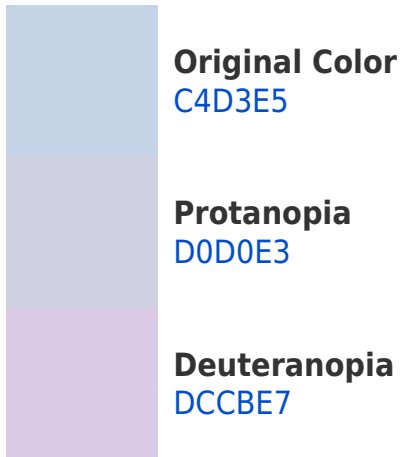


This preview shows how white text looks on a background with the Hex color C4D3E5.

# 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](#).

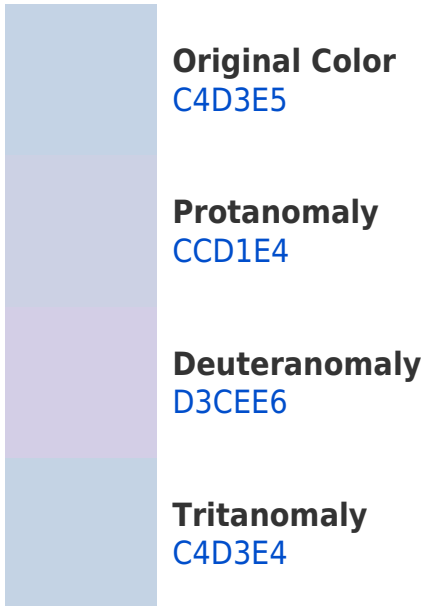
## Dichromacy



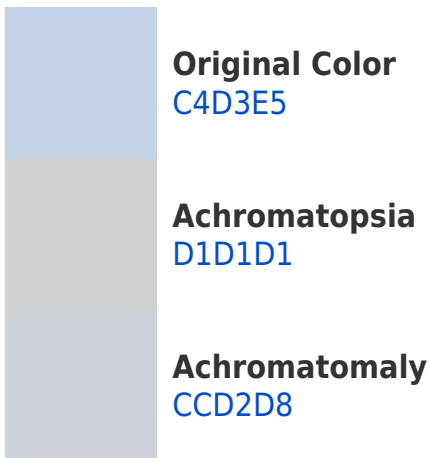


**Tritanopia**  
C4D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D3E5 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 #C4D3E5 looks like.

```
.text, #text, p{  
    color:#C4D3E5  
}
```

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 #C4D3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D3E5 }  
}
```

## Border

The CSS property to change the border of an element to Hex C4D3E5 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 #C4D3E5 }  
}
```

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

```
.border{ border-color:#C4D3E5 }
```

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

Here you see how a box with a 4 pixel #C4D3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D3E5; -webkit-box-shadow:4px 4px  
4px 4px #C4D3E5; box-shadow:4px 4px 4px  
4px #C4D3E5 }
```

# Background

The CSS property to change the background color of an element to Hex C4D3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D3E5 }
```

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

```
.background{ background-color:#C4D3E5 }
```

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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