

# Converting Colors

Hex(CCD3E5)

Have a look what the booklet for  
Hex(CCD3E5) contains.

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# **Color**

**Hex(CCD3E5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD3E5
RGB	204, 211, 229
RGB Percent	80%, 83%, 90%
CMY	0.2000, 0.1725, 0.1020
CMYK	0.11, 0.08, 0.00, 0.10
HSL	223°, 32%, 85%
HSV	223°, 11%, 90%
XYZ	62.3390, 65.0830, 83.4054
YIQ	210.9590, -9.9500, 4.1140

# Conversions

## Conversions Part 2

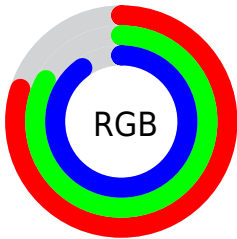
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 209, 229
Decimal	13423589
CIE Lab	84.53, 1.12, -9.67
CIE LCh	85, 9.739, 276.584
Yxy	65.0830, 0.2957, 0.3087
Android (android.graphics.Color)	4291613669 (0xFFCCD3E5)
YUV	210.9590, 8.8942, -6.1030
Hunter-Lab	80.6741, -3.2480, -4.8255

# Details

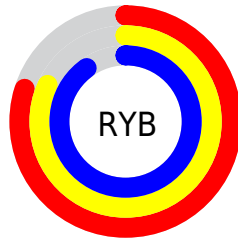
The Hex color `CCD3E5` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `E5DECC`, and the grayscale version is `D3D3D3`.

A 20% lighter version of the original color is `FFFFFF`, and `969DAE` is the 20% darker color. If you saturate the color by 10%, you get `B5C3E5`, and if you desaturate by 10%, it is `E3E3E5`.

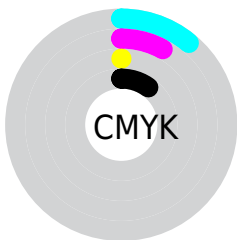
# Distribution



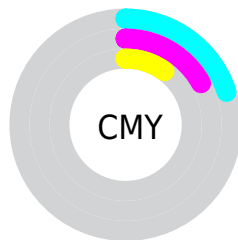
- Red (80%)
- Green (83%)
- Blue (90%)



- Red (80%)
- Yellow (82%)
- Blue (90%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCD3E5 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 CCD3E5 by changing the saturation by 10% instead.



■ CCD3E5

FFFFFF

■ CCD3E5

■ B0B7C9

■ 969DAE

■ 7C8293

■ 636979

■ 4B5160

■ 343A49

■ 1E2532

■ 08101D

■ 000001

■ CCD3E5

■ CCD3E5

■ B5C3E5

■ E3E3E5

■ 9EB2E5

■ FAF4E5

■ 87A2E5

■ FFFE5

■ 7091E5

■ 5A81E5

■ 4370E5

■ 2C60E5

■ 154FE5

■ 0040E5

# Harmonies

## Analogous

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



C2D6E3



CCD3E5



D7D0E2

# Triad

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



CCD3E5



E7CEC8



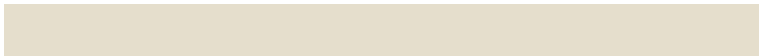
C4D8CB

# Complementary

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



CCD3E5



E5DECC

# 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.



CE6D6C



CCD3E5



E2D0C2

# Square

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



CCD3E5



E6CDD1



D9D3C1



BED9D5

# Rectangle

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



CCD3E5



DECEDD



D9D3C1



C7D7C9



# Sweetspot

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



CCD3E5



F7F9FF



CCE5DE



7A7C80



000000



808080



# Same Dimension

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



CCD3E5



DEE7FF



D1CCE5



676A73



0032B3



000E33



# Inverse Universe

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



E5CCD3



FFDEE7



E0E5CC



73676A



B30032

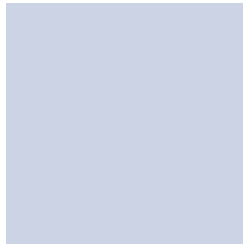


33000E



# Previews

## White Background



This preview shows how the Hex color CCD3E5 looks on a white background.

## Color Contrast Check

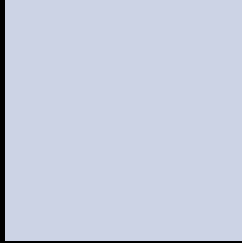
Large Text (above 18pt) WCAG AA × Fail

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 CCD3E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

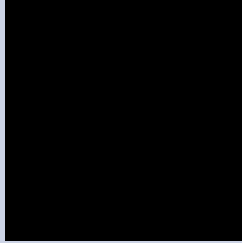
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

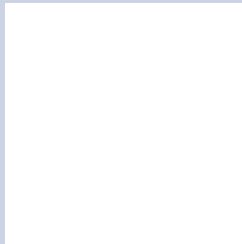
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCD3E5 Background



This preview shows how black text looks on a background with the Hex color CCD3E5.

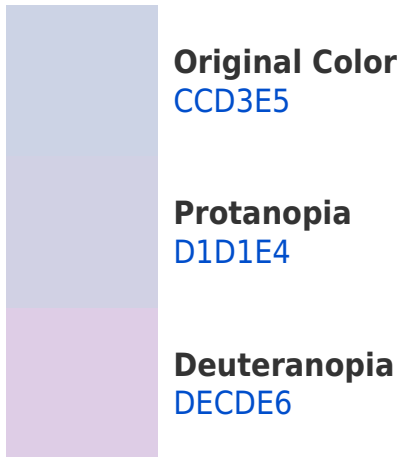


This preview shows how white text looks on a background with the Hex color CCD3E5.

# 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](#).

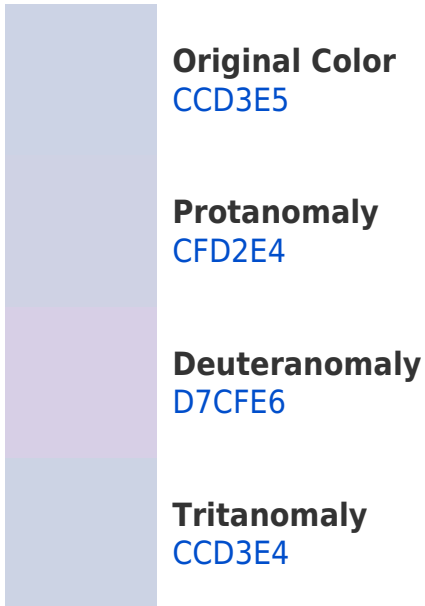
## Dichromacy



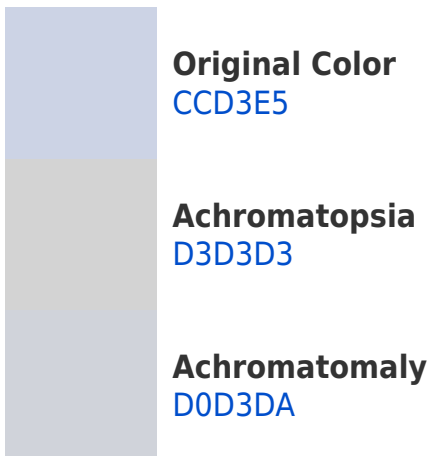


**Tritanopia**  
CCD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCD3E5 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 #CCD3E5 looks like.

```
.text, #text, p{  
    color:#CCD3E5  
}
```

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 #CCD3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD3E5
}
```

## Border

The CSS property to change the border of an element to Hex CCD3E5 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
#CCD3E5 }
```

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

```
.border{ border-color:#CCD3E5 }
```

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

Here you see how a box with a 4 pixel #CCD3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD3E5; -webkit-box-shadow:4px 4px  
4px 4px #CCD3E5; box-shadow:4px 4px 4px  
4px #CCD3E5 }
```

# Background

The CSS property to change the background color of an element to Hex CCD3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD3E5 }
```

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

```
.background{ background-color:#CCD3E5 }
```

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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