

# Converting Colors

Hex(CDD3E4)

Have a look what the booklet for  
Hex(CDD3E4) contains.

<b>Hex(CDD3E4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CDD3E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD3E4
RGB	205, 211, 228
RGB Percent	80%, 83%, 89%
CMY	0.1961, 0.1725, 0.1059
CMYK	0.10, 0.07, 0.00, 0.11
HSL	224°, 30%, 85%
HSV	224°, 10%, 89%
XYZ	62.4747, 65.1691, 82.6849
YIQ	211.1440, -9.0330, 4.0150

# Conversions

## Conversions Part 2

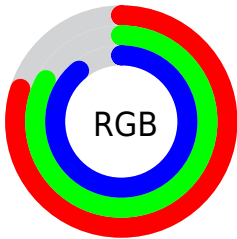
Format	Color
R <sub>Y</sub> B	205, 210, 228
Decimal	13489124
CIE Lab	84.57, 1.24, -9.07
CIE LCh	85, 9.154, 277.790
Yxy	65.1691, 0.2970, 0.3098
Android (android.graphics.Color)	4291679204 (0xFFCDD3E4)
YUV	211.1440, 8.3100, -5.3883
Hunter-Lab	80.7274, -3.1323, -4.2185

# Details

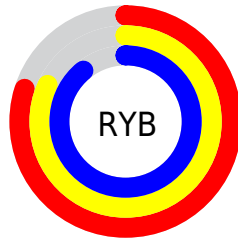
The Hex color **CDD3E4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E4DECD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **979DAD** is the 20% darker color. If you saturate the color by 10%, you get **B6C2E4**, and if you desaturate by 10%, it is **E4E4E4**.

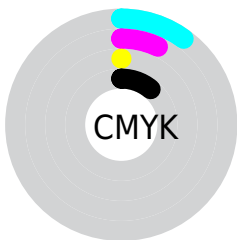
# Distribution



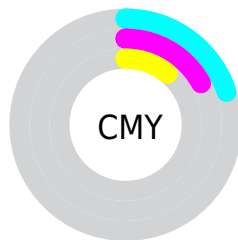
- Red (80%)
- Green (83%)
- Blue (89%)



- Red (80%)
- Yellow (82%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD3E4 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 CDD3E4 by changing the saturation by 10% instead.



■ CDD3E4

FFFFFF

■ CDD3E4

■ B1B7C8

■ 979DAD

■ 7D8292

■ 646978

■ 4C5160

■ 353A48

■ 1F2531

■ 09101D

■ 000000

 CDD3E4

 CDD3E4

 B6C2E4

 E4E4E4

 9FB1E4

 FBF5E4

 89A0E4

 FFFFE4

 7290E4

 5B7FE4

 446EE4

 2D5DE4

 174CE4

 003BE4

# Harmonies

## Analogous

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



C4D6E3



CDD3E4



D8D0E1

# Triad

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



CDD3E4



E5CEC9



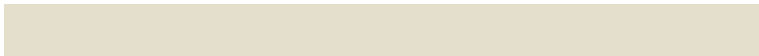
C5D8CC

# Complementary

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



CDD3E4



E4DECD

# 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.



CE06C5



CDD3E4



E1D0C3

# Square

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



CDD3E4



E6CDD1



D8D3C2



BFD8D5

# Rectangle

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



CDD3E4



DECFDC



D8D3C2



C8D7CA



# Sweetspot

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



CDD3E4



F7F9FF



CDE4DE



7A7C80



000000



808080



# Same Dimension

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



CDD3E4



E0E8FF



D2CDE4



676A73



002FB3



000D33



# Inverse Universe

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



E4CDD3



FFE0E8



DFE4CD



73676A



B3002F

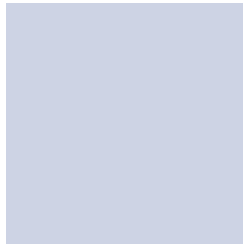


33000D



# Previews

## White Background



This preview shows how the Hex color CDD3E4 looks on a white background.

## Color Contrast Check

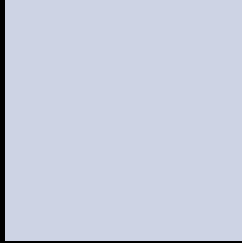
Large Text (above 18pt) WCAG AA × Fail

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 CDD3E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

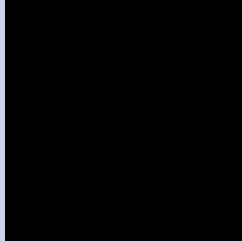
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDD3E4 Background



This preview shows how black text looks on a background with the Hex color CDD3E4.

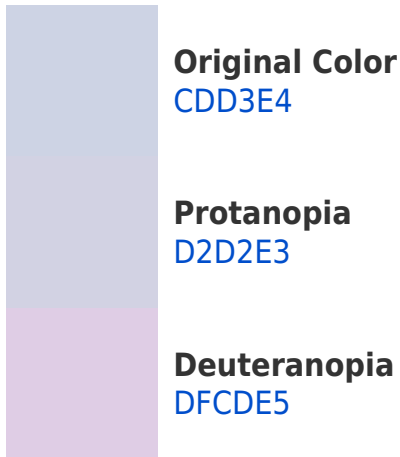


This preview shows how white text looks on a background with the Hex color CDD3E4.

# 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**  
CDD3E4

# Trichromacy



**Original Color**  
CDD3E4

**Protanomaly**  
D0D2E3

**Deuteranomaly**  
D8CFE5

**Tritanomaly**  
CDD3E4

# Monochromacy



**Original Color**  
CDD3E4

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D1D3D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD3E4 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 #CDD3E4 looks like.

```
.text, #text, p{  
    color:#CDD3E4  
}
```

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 #CDD3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD3E4
}
```

## Border

The CSS property to change the border of an element to Hex CDD3E4 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
#CDD3E4 }
```

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

```
.border{ border-color:#CDD3E4 }
```

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

Here you see how a box with a 4 pixel #CDD3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD3E4; -webkit-box-shadow:4px 4px  
4px 4px #CDD3E4; box-shadow:4px 4px 4px  
4px #CDD3E4 }
```

# Background

The CSS property to change the background color of an element to Hex CDD3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD3E4 }
```

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

```
.background{ background-color:#CDD3E4 }
```

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