

# Converting Colors

Hex(CDD3E8)

Have a look what the booklet for  
Hex(CDD3E8) contains.

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# **Color**

**Hex(CDD3E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD3E8
RGB	205, 211, 232
RGB Percent	80%, 83%, 91%
CMY	0.1961, 0.1725, 0.0902
CMYK	0.12, 0.09, 0.00, 0.09
HSL	227°, 37%, 86%
HSV	227°, 12%, 91%
XYZ	63.0366, 65.3939, 85.6438
YIQ	211.6000, -10.3170, 5.2590

# Conversions

## Conversions Part 2

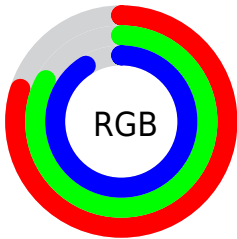
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 210, 232
Decimal	13489128
CIE Lab	84.69, 2.04, -11.02
CIE LCh	85, 11.209, 280.499
Yxy	65.3939, 0.2945, 0.3055
Android (android.graphics.Color)	4291679208 (0xFFCDD3E8)
YUV	211.6000, 10.0572, -5.7882
Hunter-Lab	80.8665, -2.3730, -6.1861

# Details

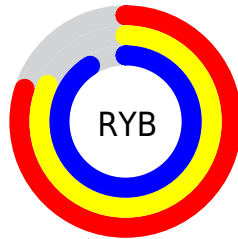
The Hex color **CDD3E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8E2CD**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **979DB0** is the 20% darker color. If you saturate the color by 10%, you get **B6C1E8**, and if you desaturate by 10%, it is **E4E5E8**.

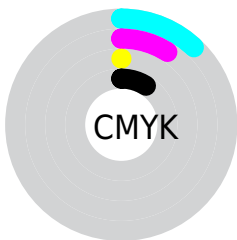
# Distribution



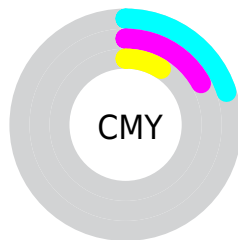
- Red (80%)
- Green (83%)
- Blue (91%)



- Red (80%)
- Yellow (82%)
- Blue (91%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD3E8 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 CDD3E8 by changing the saturation by 10% instead.



■ CDD3E8

FFFFFF

■ CDD3E8

■ B1B7CC

■ 979DB0

■ 7D8396

■ 64697C

■ 4B5163

■ 353A4B

■ 1F2534

■ 09101F

■ 000005

 CDD3E8

 CDD3E8

 B6C1E8

 E4E5E8

 9FAFE8

 FBF7E8

 879DE8

 FFFE8

 708BE8

 5979E8

 4267E8

 2B55E8

 1343E8

 0034E8

# Harmonies

## Analogous

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



C1D6E7



CDD3E8



DAD0E4

# Triad

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



CDD3E8



E9CEC6



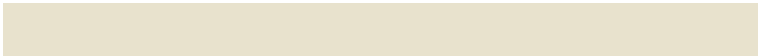
C1D9CC

# Complementary

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



CDD3E8



E8E2CD

# 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.



CCD7C3



CDD3E8



E3D0C0

# Square

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



CDD3E8



EACCD0



D8D4BF



BADAD7

# Rectangle

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



CDD3E8



E2CEDE



D8D4BF



C4D9C9



# Sweetspot

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



CDD3E8



F7F9FF



CDE8E2



7A7C80



000000



808080



# Same Dimension

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



CDD3E8



DBE3FF



D4CDE8



676A73



0028B3



000B33



# Inverse Universe

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



E8CDD3



FFDBE3



E1E8CD



73676A



B30028

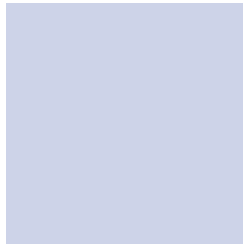


33000B



# Previews

## White Background



This preview shows how the Hex color CDD3E8 looks on a white background.

## Color Contrast Check

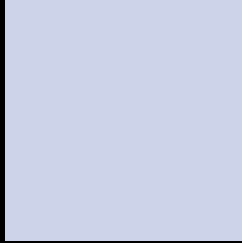
Large Text (above 18pt) WCAG AA × Fail

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 CDD3E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

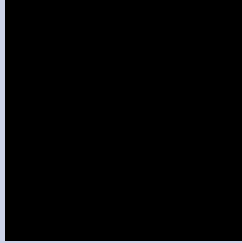
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

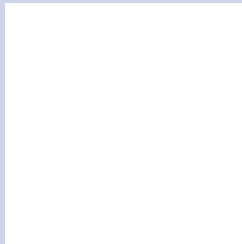
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDD3E8 Background



This preview shows how black text looks on a background with the Hex color CDD3E8.

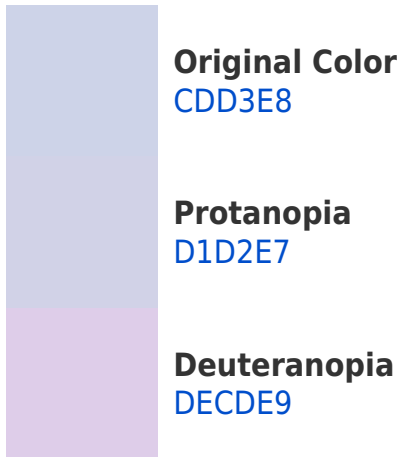


This preview shows how white text looks on a background with the Hex color CDD3E8.

# 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**  
CDD3E8

**Protanomaly**  
D0D2E7

**Deuteranomaly**  
D8CFE9

**Tritanomaly**  
CCD4E5

# Monochromacy



**Original Color**  
CDD3E8

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D1D4DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD3E8 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 #CDD3E8 looks like.

```
.text, #text, p{  
    color:#CDD3E8  
}
```

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 #CDD3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD3E8  
}
```

## Border

The CSS property to change the border of an element to Hex CDD3E8 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  
#CDD3E8 }
```

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

```
.border{ border-color:#CDD3E8 }
```

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

Here you see how a box with a 4 pixel #CDD3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD3E8; -webkit-box-shadow:4px 4px  
4px 4px #CDD3E8; box-shadow:4px 4px 4px  
4px #CDD3E8 }
```

# Background

The CSS property to change the background color of an element to Hex CDD3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD3E8 }
```

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

```
.background{ background-color:#CDD3E8 }
```

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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