

# Converting Colors

Hex(CCD4E9)

Have a look what the booklet for  
Hex(CCD4E9) contains.

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# **Color**

**Hex(CCD4E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCD4E9
RGB	204, 212, 233
RGB Percent	80%, 83%, 91%
CMY	0.2000, 0.1686, 0.0863
CMYK	0.12, 0.09, 0.00, 0.09
HSL	223°, 40%, 86%
HSV	223°, 12%, 91%
XYZ	63.1533, 65.8075, 86.4644
YIQ	212.0020, -11.5090, 4.8350

# Conversions

## Conversions Part 2

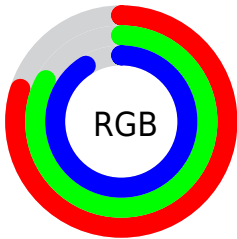
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 210, 233
Decimal	13423849
CIE Lab	84.90, 1.40, -11.24
CIE LCh	85, 11.331, 277.089
Yxy	65.8075, 0.2932, 0.3055
Android (android.graphics.Color)	4291613929 (0xFFCCD4E9)
YUV	212.0020, 10.3520, -7.0178
Hunter-Lab	81.1218, -3.0011, -6.4094

# Details

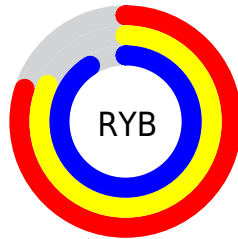
The Hex color **CCD4E9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9E1CC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **969DB1** is the 20% darker color. If you saturate the color by 10%, you get **B5C3E9**, and if you desaturate by 10%, it is **E3E5E9**.

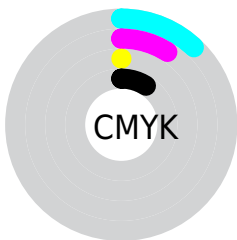
# Distribution



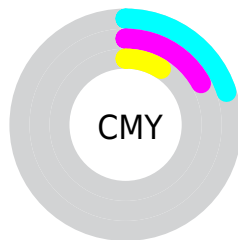
- Red (80%)
- Green (83%)
- Blue (91%)



- 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 CCD4E9 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 CCD4E9 by changing the saturation by 10% instead.



■ CCD4E9

FFFFFF

■ CCD4E9

■ B0B8CD

■ 969DB1

■ 7C8397

■ 636A7D

■ 4B5264

■ 343B4C

■ 1E2635

■ 081120

■ 000006

■ CCD4E9

■ CCD4E9

■ B5C3E9

■ E3E5E9

■ 9DB2E9

■ FBF6E9

■ 86A1E9

■ FFFFE9

■ 6F91E9

■ 5880E9

■ 406FE9

■ 295EE9

■ 124DE9

■ 0040E9

# Harmonies

## Analogous

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



C0D7E7



CCD4E9



D9D0E5

# Triad

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



CCD4E9



EBCEC8



C2DACB

# Complementary

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



CCD4E9



E9E1CC

# 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.



CED7C3



CCD4E9



E5D1C1

# Square

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



CCD4E9



EBCDD2



DAD4BF



BBDAD6

# Rectangle

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



CCD4E9



E1CFE0



DAD4BF



C6D9C8



# Sweetspot

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



CCD4E9



F5F8FF



CCE9E1



797B80



000000



808080



# Same Dimension

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



CCD4E9



D9E3FF



D2CCE9



6A6D75



0032B5



000F36



# Inverse Universe

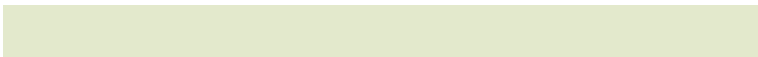
The Inverse Universe completely reimagines the original color for something new.



E9CCD4



FFD9E3



E3E9CC



756A6D



B50032

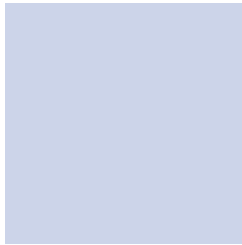


36000F



# Previews

## White Background



This preview shows how the Hex color CCD4E9 looks on a white background.

## Color Contrast Check

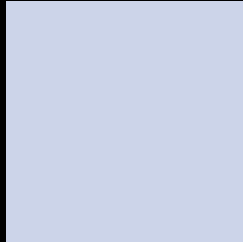
Large Text (above 18pt) WCAG AA × Fail

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 CCD4E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

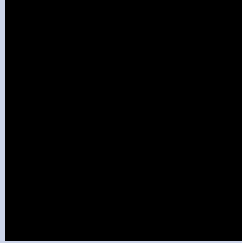
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

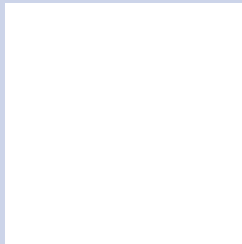
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCD4E9 Background



This preview shows how black text looks on a background with the Hex color CCD4E9.

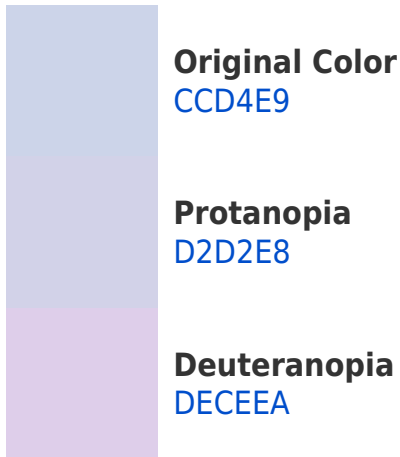


This preview shows how white text looks on a background with the Hex color CCD4E9.

# 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**  
CCD4E9

**Protanomaly**  
D0D3E8

**Deuteranomaly**  
D7D0EA

**Tritanomaly**  
CBD5E6

# Monochromacy



**Original Color**  
CCD4E9

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D1D4DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCD4E9 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 #CCD4E9 looks like.

```
.text, #text, p{  
    color:#CCD4E9  
}
```

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 #CCD4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD4E9
}
```

## Border

The CSS property to change the border of an element to Hex CCD4E9 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
#CCD4E9 }
```

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

```
.border{ border-color:#CCD4E9 }
```

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

Here you see how a box with a 4 pixel #CCD4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD4E9; -webkit-box-shadow:4px 4px  
4px 4px #CCD4E9; box-shadow:4px 4px 4px  
4px #CCD4E9 }
```

# Background

The CSS property to change the background color of an element to Hex CCD4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD4E9 }
```

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

```
.background{ background-color:#CCD4E9 }
```

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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