

# Converting Colors

Hex(CDC6EC)

Have a look what the booklet for  
Hex(CDC6EC) contains.

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# **Color**

**Hex(CDC6EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC6EC
RGB	205, 198, 236
RGB Percent	80%, 78%, 93%
CMY	0.1961, 0.2235, 0.0745
CMYK	0.13, 0.16, 0.00, 0.07
HSL	251°, 50%, 85%
HSV	251°, 16%, 93%
XYZ	60.5112, 59.4234, 87.6375
YIQ	204.4250, -8.0260, 13.3020

# Conversions

## Conversions Part 2

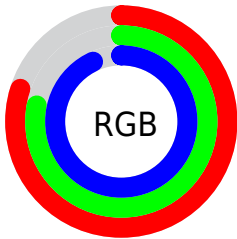
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 198, 236
Decimal	13485804
CIE Lab	81.52, 9.77, -17.90
CIE LCh	82, 20.390, 298.636
Yxy	59.4234, 0.2915, 0.2863
Android (android.graphics.Color)	4291675884 (0xFFC6DC6E)
YUV	204.4250, 15.5665, 0.5043
Hunter-Lab	77.0866, 5.2169, -13.4444

# Details

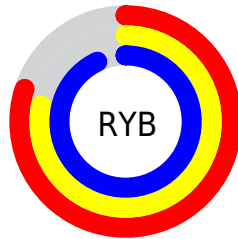
The Hex color `CDC6EC` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `E5ECC6`, and the grayscale version is `CCCCCC`.

A 20% lighter version of the original color is `FFFFFF`, and `9790B4` is the 20% darker color. If you saturate the color by 10%, you get `BAAEEC`, and if you desaturate by 10%, it is `E0DEEC`.

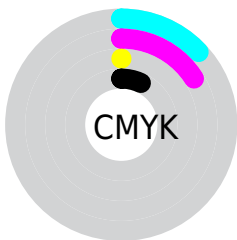
# Distribution



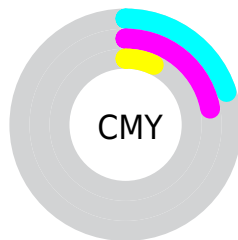
- Red (80%)
- Green (78%)
- Blue (93%)



- Red (80%)
- Yellow (78%)
- Blue (93%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDC6EC 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 CDC6EC by changing the saturation by 10% instead.



■ CDC6EC

FFFFFF

■ CDC6EC

■ B1ABD0

■ 9790B4

■ 7C7799

■ 635E7F

■ 4B4666

■ 34304E

■ 1E1B37

■ 090022

■ 000008

 CDC6EC

 CDC6EC

 BAAEEC

 E0DEEC

 A697EC

 F4F5EC

 937FEC

 FFFFEC

 8068EC

 6D50EC

 5938EC

 4621EC

 3309EC

 2B00EC

# Harmonies

## Analogous

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



B4CDF0



CDC6EC



E3C0DF

# Triad

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



CDC6EC



EAC3AB



9ED6C9

# Complementary

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



CDC6EC



E5ECC6

# 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.



B0D3B6



CDC6EC



DAC9A5

# Square

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



CDC6EC



F2BEB9



C6CFA9



97D5DC

# Rectangle

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



CDC6EC



EDBED3



C6CFA9



A3D5C2



# Sweetspot

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



CDC6EC



F5F2FF



C6E5EC



797880



000000



808080



# Same Dimension

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



CDC6EC



D7CFFF



E0C6EC



6C6A75



2100B5



0A0036



# Inverse Universe

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



ECC6E5



FFCFF6



D2ECC6



756A73



B50094

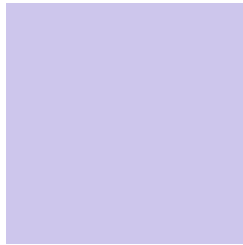


36002C



# Previews

## White Background



This preview shows how the Hex color CDC6EC looks on a white background.

## Color Contrast Check

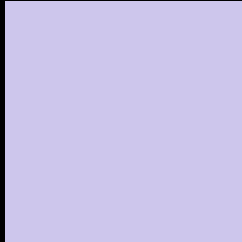
Large Text (above 18pt) WCAG AA × Fail

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 CDC6EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

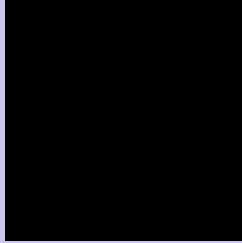
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDC6EC Background



This preview shows how black text looks on a background with the Hex color CDC6EC.

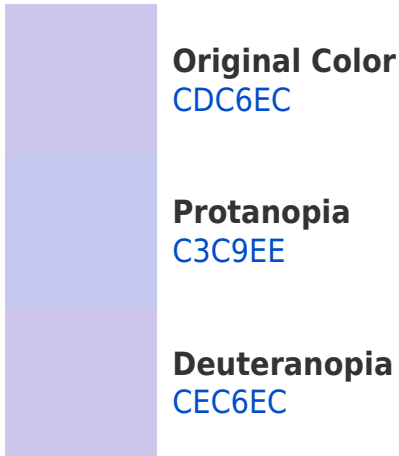


This preview shows how white text looks on a background with the Hex color CDC6EC.

# 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](#).

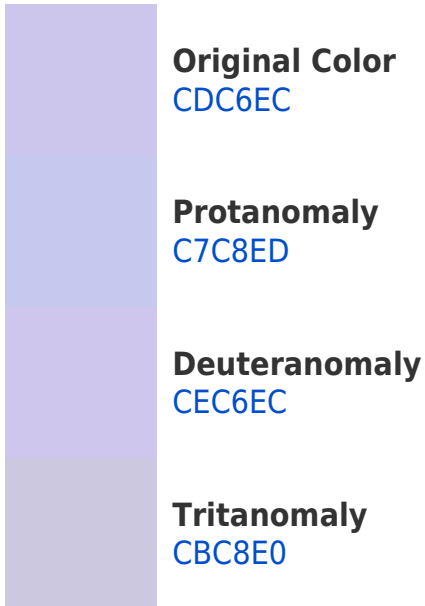
## Dichromacy



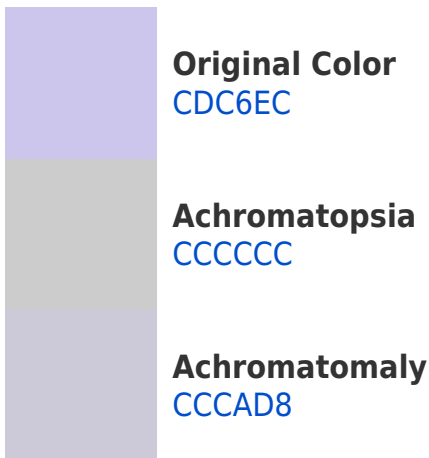


**Tritanopia**  
CAC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC6EC 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 #CDC6EC looks like.

```
.text, #text, p{  
    color:#CDC6EC  
}
```

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 #CDC6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC6EC  
}
```

## Border

The CSS property to change the border of an element to Hex CDC6EC 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  
#CDC6EC }
```

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

```
.border{ border-color:#CDC6EC }
```

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

Here you see how a box with a 4 pixel #CDC6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC6EC; -webkit-box-shadow:4px 4px  
4px 4px #CDC6EC; box-shadow:4px 4px 4px  
4px #CDC6EC }
```

# Background

The CSS property to change the background color of an element to Hex CDC6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC6EC }
```

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

```
.background{ background-color:#CDC6EC }
```

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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