

# Converting Colors

Hex(CDC4E2)

Have a look what the booklet for  
Hex(CDC4E2) contains.

<b>Hex(CDC4E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CDC4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC4E2
RGB	205, 196, 226
RGB Percent	80%, 77%, 89%
CMY	0.1961, 0.2314, 0.1137
CMYK	0.09, 0.13, 0.00, 0.11
HSL	258°, 34%, 83%
HSV	258°, 13%, 89%
XYZ	58.6442, 57.9500, 80.0461
YIQ	202.1110, -4.2660, 11.2380

# Conversions

## Conversions Part 2

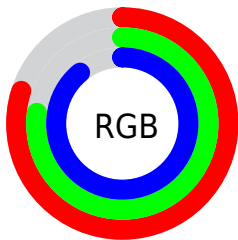
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 196, 226
Decimal	13485282
CIE Lab	80.71, 8.81, -13.76
CIE LCh	81, 16.338, 302.611
Yxy	57.9500, 0.2982, 0.2947
Android (android.graphics.Color)	4291675362 (0xFFCDC4E2)
YUV	202.1110, 11.7773, 2.5337
Hunter-Lab	76.1249, 4.2923, -9.0566

# Details

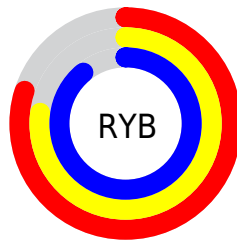
The Hex color **CDC4E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9E2C4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFDFFF**, and **978EAB** is the 20% darker color. If you saturate the color by 10%, you get **BDADE2**, and if you desaturate by 10%, it is **DDDBE2**.

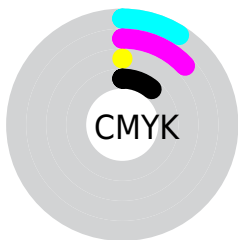
# Distribution



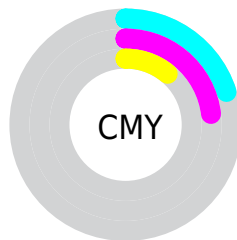
- Red (80%)
- Green (77%)
- Blue (89%)



- Red (80%)
- Yellow (77%)
- Blue (89%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDC4E2 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 CDC4E2 by changing the saturation by 10% instead.



 CDC4E2

 CDC4E2

FFFFFF

 B1A9C6

FFFDFF

 978EAB

 7D7590

 645C76

 4C455E

 352E46

 1F1A30

 0A001B

 000000

 CDC4E2

 CDC4E2

 BDADE2

 DDDBE2

 AD97E2

 EDF1E2

 9E80E2

 FCFFE2

 8E6AE2

 FFFFE2

 7E53E2

 6E3CE2

 5E26E2

 4E0FE2

 4400E2

# Harmonies

## Analogous

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



B9C9E7



CDC4E2



DEC0D7

# Triad

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



CDC4E2



E1C3AE



A4D1C9

# Complementary

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



CDC4E2



D9E2C4

# 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.



B1D0BA



CDC4E2



D3C8AA

# Square

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



CDC4E2



E8BFB9



C2CCA8



A1D1D8

# Rectangle

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



CDC4E2



E5BECD



C2CCEA



A8D1C4



# Sweetspot

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



CDC4E2



F8F5FF



C4D9E2



7B7980



000000



808080



# Same Dimension

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



CDC4E2



E2D6FF



DCC4E2



686570



3500B0



0F0030



# Inverse Universe

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



E2C4D9



FFD6F3



CAE2C4



70656D



B0007B

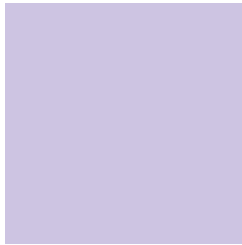


300022



# Previews

## White Background



This preview shows how the Hex color CDC4E2 looks on a white background.

## Color Contrast Check

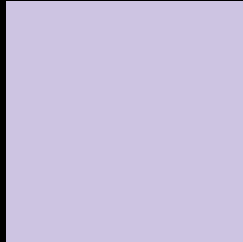
Large Text (above 18pt) WCAG AA × Fail

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 CDC4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

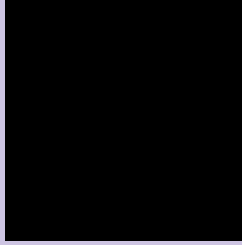
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDC4E2 Background



This preview shows how black text looks on a background with the Hex color CDC4E2.

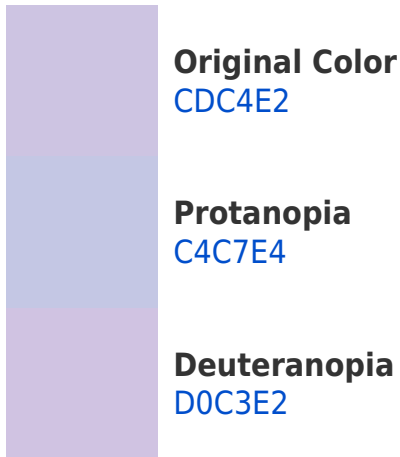


This preview shows how white text looks on a background with the Hex color CDC4E2.

# 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**  
CBC6D6

# Trichromacy



**Original Color**  
CDC4E2

**Protanomaly**  
C7C6E3

**Deuteranomaly**  
CFC3E2

**Tritanomaly**  
CCC5DA

# Monochromacy



**Original Color**  
CDC4E2

**Achromatopsia**  
CACACA

**Achromatomaly**  
CBC8D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC4E2 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 #CDC4E2 looks like.

```
.text, #text, p{  
    color:#CDC4E2  
}
```

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 #CDC4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC4E2
}
```

## Border

The CSS property to change the border of an element to Hex CDC4E2 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
#CDC4E2 }
```

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

```
.border{ border-color:#CDC4E2 }
```

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

Here you see how a box with a 4 pixel #CDC4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC4E2; -webkit-box-shadow:4px 4px  
4px 4px #CDC4E2; box-shadow:4px 4px 4px  
4px #CDC4E2 }
```

# Background

The CSS property to change the background color of an element to Hex CDC4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC4E2 }
```

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

```
.background{ background-color:#CDC4E2 }
```

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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