

# Converting Colors

Hex(CCC5DE)

Have a look what the booklet for  
Hex(CCC5DE) contains.

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# Color

**Hex(CCC5DE)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | CCC5DE                    |
| RGB         | 204, 197, 222             |
| RGB Percent | 80%, 77%, 87%             |
| CMY         | 0.2000, 0.2275, 0.1294    |
| CMYK        | 0.08, 0.11, 0.00, 0.13    |
| HSL         | 257°, 27%, 82%            |
| HSV         | 257°, 11%, 87%            |
| XYZ         | 58.0529, 58.0438, 77.2511 |
| YIQ         | 201.9430, -3.8530, 9.2590 |

# Conversions

## Conversions Part 2

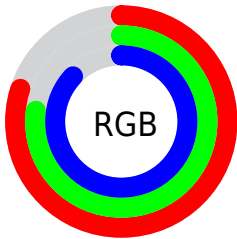
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 204, 197, 222               |
| Decimal                             | 13419998                    |
| CIE Lab                             | 80.76, 7.14, -11.55         |
| CIE LCh                             | 81, 13.578, 301.748         |
| Yxy                                 | 58.0438, 0.3003,<br>0.3002  |
| Android<br>(android.graphics.Color) | 4291610078<br>(0xFFCCC5DE)  |
| YUV                                 | 201.9430, 9.8881,<br>1.8040 |
| Hunter-Lab                          | 76.1865, 2.6879,<br>-6.7880 |

# Details

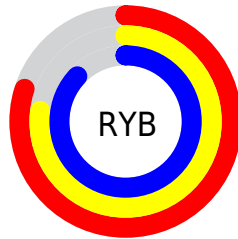
The Hex color **CCC5DE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7DEC5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFEFF**, and **968FA7** is the 20% darker color. If you saturate the color by 10%, you get **BCAFDE**, and if you desaturate by 10%, it is **DCDBDE**.

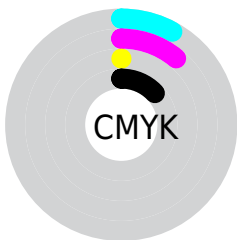
# Distribution



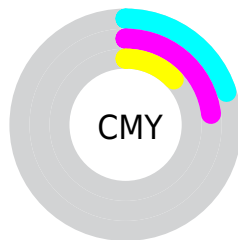
- Red (80%)
- Green (77%)
- Blue (87%)



- Red (80%)
- Yellow (77%)
- Blue (87%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (23%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC5DE 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 CCC5DE by changing the saturation by 10% instead.



■ CCC5DE

FFFFFF

FFFEFF

■ CCC5DE

■ B1AAC2

■ 968FA7

■ 7C768C

■ 635D73

■ 4B455A

■ 342F43

■ 1F1A2D

■ 080019

■ 000000

■ CCC5DE

■ CCC5DE

■ BCAFDE

■ DCDBDE

■ AC99DE

■ ECF1DE

■ 9C82DE

■ FCFFDE

■ 8C6CDE

■ FFFFDE

■ 7C56DE

■ 6C40DE

■ 5C2ADE

■ 4C13DE

■ 3E00DE

# Harmonies

## Analogous

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



BCC9E2



CCC5DE



DAC1D5

# Triad

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



CCC5DE



DEC4B3



ABD0C9

# Complementary

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



CCC5DE



D7DEC5

# 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.



B6CFBC



CCC5DE



D2C8AF

# Square

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



CCC5DE



E3C1BC



C4CCB3



A8CFD5

# Rectangle

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



CCC5DE



E0C0CC



C4CCB3



AED0C4



# Sweetspot

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



CCC5DE



F9F7FF



C5D7DE



7C7A80



000000



808080



# Same Dimension

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



CCC5DE



E5DBFF



D8C5DE



686570



3100B0



0E0030



# Inverse Universe

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



DEC5D7



FFDBF5



CBDEC5



70656D



B0007F



300023



# Previews

## White Background



This preview shows how the Hex color CCC5DE looks on a white background.

## Color Contrast Check

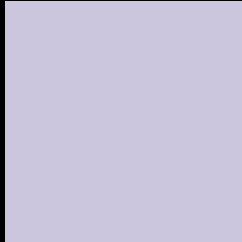
Large Text (above 18pt) WCAG AA × Fail

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 CCC5DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

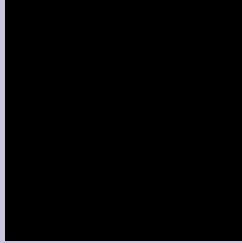
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

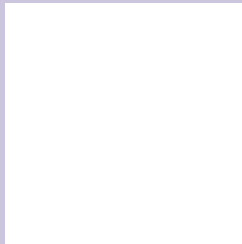
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCC5DE Background



This preview shows how black text looks on a background with the Hex color CCC5DE.



This preview shows how white text looks on a background with the Hex color CCC5DE.

# 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



**Original Color**  
CCC5DE

**Protanopia**  
C5C7DF

**Deuteranopia**  
D2C3DE



**Tritanopia**  
CBC6D6

# Trichromacy



**Original Color**  
CCC5DE

**Protanomaly**  
C8C6DF

**Deuteranomaly**  
D0C4DE

**Tritanomaly**  
CBC6D9

# Monochromacy



**Original Color**  
CCC5DE

**Achromatopsia**  
CACACA

**Achromatomaly**  
CBC8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC5DE 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 #CCC5DE looks like.

```
.text, #text, p{  
    color:#CCC5DE  
}
```

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 #CCC5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC5DE
}
```

## Border

The CSS property to change the border of an element to Hex CCC5DE 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
#CCC5DE }
```

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

```
.border{ border-color:#CCC5DE }
```

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

Here you see how a box with a 4 pixel #CCC5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC5DE; -webkit-box-shadow:4px 4px  
4px 4px #CCC5DE; box-shadow:4px 4px 4px  
4px #CCC5DE }
```

# Background

The CSS property to change the background color of an element to Hex CCC5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC5DE }
```

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

```
.background{ background-color:#CCC5DE }
```

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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