

# Converting Colors

Hex(CCC2DC)

Have a look what the booklet for  
Hex(CCC2DC) contains.

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# **Color**

**Hex(CCC2DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC2DC
RGB	204, 194, 220
RGB Percent	80%, 76%, 86%
CMY	0.2000, 0.2392, 0.1373
CMYK	0.07, 0.12, 0.00, 0.14
HSL	263°, 27%, 81%
HSV	263°, 12%, 86%
XYZ	57.1119, 56.5882, 75.6226
YIQ	199.9540, -2.3860, 10.2060

# Conversions

## Conversions Part 2

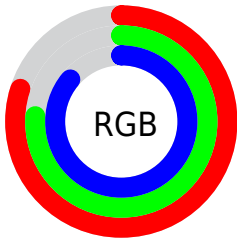
Format	Color
<a href="#">RYB</a>	<a href="#">204, 194, 220</a>
Decimal	<a href="#">13419228</a>
CIELab	<a href="#">79.95, 8.36, -11.69</a>
CIELCh	<a href="#">80, 14.370, 305.556</a>
Yxy	<a href="#">56.5882, 0.3017, 0.2989</a>
Android (android.graphics.Color)	<a href="#">4291609308 (0xFFCCC2DC)</a>
YUV	<a href="#">199.9540, 9.8827, 3.5483</a>
Hunter-Lab	<a href="#">75.2252, 3.8754, -6.9457</a>

# Details

The Hex color `CCC2DC` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `D2DCC2`, and the grayscale version is `C8C8C8`.

A 20% lighter version of the original color is `FFFAFF`, and `968CA5` is the 20% darker color. If you saturate the color by 10%, you get `BEACDC`, and if you desaturate by 10%, it is `DAD8DC`.

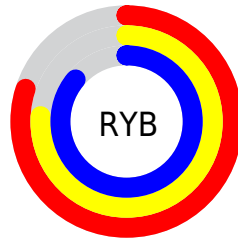
# Distribution



Red (80%)

Green (76%)

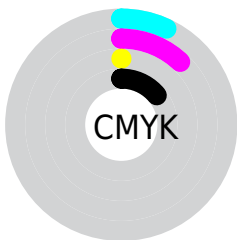
Blue (86%)



Red (80%)

Yellow (76%)

Blue (86%)

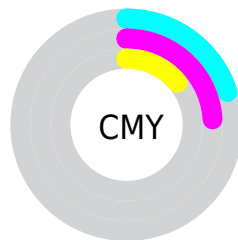


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (20%)

Magenta (24%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC2DC 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 CCC2DC by changing the saturation by 10% instead.



■ CCC2DC

FFFFFF

■ FFFAFF

■ CCC2DC

■ B1A7C0

■ 968CA5

■ 7C738B

■ 635A71

■ 4B4359

■ 342D41

■ 1F182B

■ 080017

■ 000000

■ CCC2DC

■ CCC2DC

■ BEACDC

■ DAD8DC

■ B196DC

■ E7EEDC

■ A380DC

■ F5FFDC

■ 966ADC

■ FFFFDC

■ 8854DC

■ 7B3EDC

■ 6D28DC

■ 6012DC

■ 5500DC

# Harmonies

## Analogous

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



BBC6E1



CCC2DC



DABED2

# Triad

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



CCC2DC



DBC2AE



A6CEC8

# Complementary

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



CCC2DC



D2DCC2

# 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.



B1CDBB



CCC2DC



CFC6AC

# Square

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



CCC2DC



E2BEB7



BFCAB0



A4CDD5

# Rectangle

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



CCC2DC



E0BDC9



BFCAB0



A9CEC4



# Sweetspot

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



CCC2DC



F9F5FF



C2D2DC



7C7980



000000



808080



# Same Dimension

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



CCC2DC



E9DBFF



D9C2DC



67636E



4300AD



12002E



# Inverse Universe

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



DCC2D2



FFDBF1



C5DCC2



6E6369



AD006B

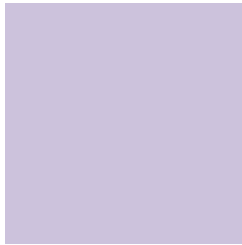


2E001C



# Previews

## White Background



This preview shows how the Hex color CCC2DC looks on a white background.

## Color Contrast Check

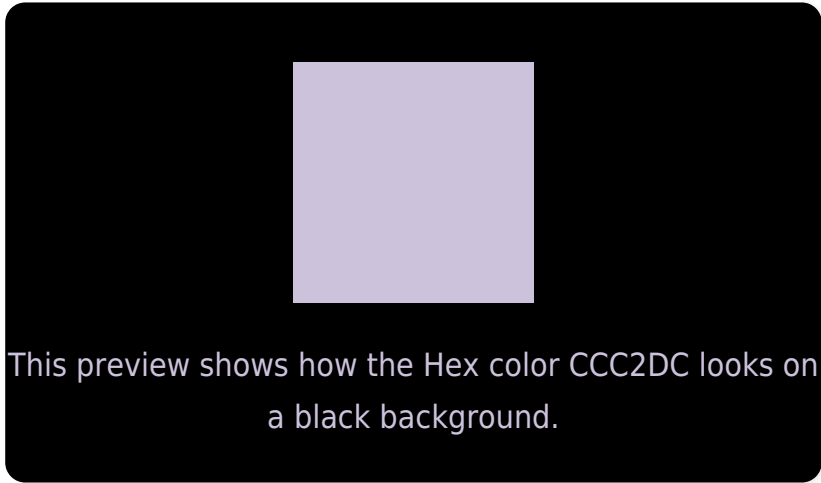
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

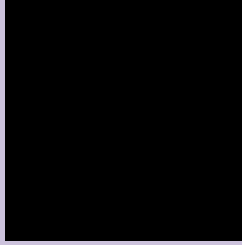
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCC2DC Background



This preview shows how black text looks on a background with the Hex color CCC2DC.



This preview shows how white text looks on a background with the Hex color CCC2DC.

# 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**  
CCC2DC

**Protanopia**  
C3C5DE

**Deuteranopia**  
CFC1DC



**Tritanopia**  
CBC4D3

# Trichromacy



**Original Color**  
CCC2DC

**Protanomaly**  
C6C4DD

**Deuteranomaly**  
CEC1DC

**Tritanomaly**  
CBC3D6

# Monochromacy



**Original Color**  
CCC2DC

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C9C6CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC2DC 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 #CCC2DC looks like.

```
.text, #text, p{  
    color:#CCC2DC  
}
```

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 #CCC2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC2DC  
}
```

## Border

The CSS property to change the border of an element to Hex CCC2DC 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  
#CCC2DC }
```

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

```
.border{ border-color:#CCC2DC }
```

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

Here you see how a box with a 4 pixel #CCC2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC2DC; -webkit-box-shadow:4px 4px  
4px 4px #CCC2DC; box-shadow:4px 4px 4px  
4px #CCC2DC }
```

# Background

The CSS property to change the background color of an element to Hex CCC2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC2DC }
```

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

```
.background{ background-color:#CCC2DC }
```

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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