

# Converting Colors

Hex(CCC2DA)

Have a look what the booklet for  
Hex(CCC2DA) contains.

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# **Color**

**Hex(CCC2DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC2DA
RGB	204, 194, 218
RGB Percent	80%, 76%, 85%
CMY	0.2000, 0.2392, 0.1451
CMYK	0.06, 0.11, 0.00, 0.15
HSL	265°, 24%, 81%
HSV	265°, 11%, 85%
XYZ	56.8485, 56.4829, 74.2357
YIQ	199.7260, -1.7440, 9.5840

# Conversions

## Conversions Part 2

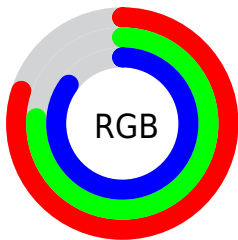
Format	Color
<a href="#">RYB</a>	<a href="#">204, 194, 218</a>
Decimal	<a href="#">13419226</a>
CIELab	<a href="#">79.89, 7.96, -10.70</a>
CIELCh	<a href="#">80, 13.341, 306.648</a>
Yxy	<a href="#">56.4829, 0.3031, 0.3011</a>
Android (android.graphics.Color)	<a href="#">4291609306 (0xFFCCC2DA)</a>
YUV	<a href="#">199.7260, 9.0091, 3.7483</a>
Hunter-Lab	<a href="#">75.1551, 3.4988, -5.9561</a>

# Details

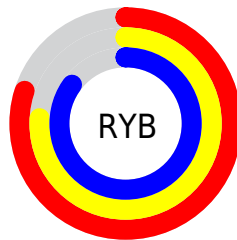
The Hex color **CCC2DA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D0DAC2**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFAFF**, and **968CA3** is the 20% darker color. If you saturate the color by 10%, you get **BFACDA**, and if you desaturate by 10%, it is **D9D8DA**.

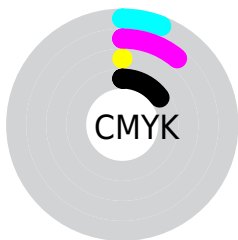
# Distribution



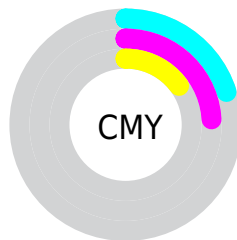
- Red (80%)
- Green (76%)
- Blue (85%)



- Red (80%)
- Yellow (76%)
- Blue (85%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC2DA 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 CCC2DA by changing the saturation by 10% instead.



■ CCC2DA

■ CCC2DA

FFFFFF

■ B1A7BE

■ FFFAFF

■ 968CA3

■ 7C7389

■ 635A6F

■ 4B4357

■ 342D40

■ 1F182A

■ 070016

■ 000000

■ CCC2DA

■ CCC2DA

■ BFACDA

■ D9D8DA

■ B396DA

■ E5EEDA

■ A681DA

■ F2FFDA

■ 996BDA

■ FFFFDA

■ 8C55DA

■ 803FDA

■ 7329DA

■ 6614DA

■ 5B00DA

# Harmonies

## Analogous

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



BCC6DF



CCC2DA



D9BFD0

# Triad

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



CCC2DA



D9C2B0



A8CEC8

# Complementary

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



CCC2DA



D0DAC2

# 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.



B2CDBC



CCC2DA



CDC6AD

# Square

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



CCC2DA



E0FBF8



BFCAB2



A7CDD4

# Rectangle

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



CCC2DA



DEBEC8



BFCAB2



ABCDC4



# Sweetspot

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



CCC2DA



FBF7FF



C2D0DA



7D7A80



000000



808080



# Same Dimension

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



CCC2DA



ECDEFF



D8C2DA



67636E



4800AD



13002E



# Inverse Universe

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



DAC2D0



FFDEF1



C4DAC2



6E6369



AD0065



2E001B



# Previews

## White Background



This preview shows how the Hex color CCC2DA looks on a white background.

## Color Contrast Check

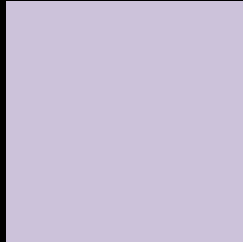
Large Text (above 18pt) WCAG AA × Fail

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 CCC2DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

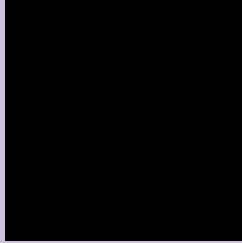
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCC2DA Background



This preview shows how black text looks on a background with the Hex color CCC2DA.

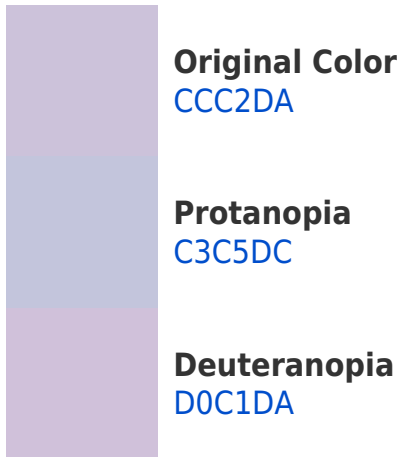


This preview shows how white text looks on a background with the Hex color CCC2DA.

# 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**  
CCC2DA

**Protanomaly**  
C6C4DB

**Deuteranomaly**  
CFC1DA

**Tritanomaly**  
CBC3D6

# Monochromacy



**Original Color**  
CCC2DA

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C9C6CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC2DA 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 #CCC2DA looks like.

```
.text, #text, p{  
    color:#CCC2DA  
}
```

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 #CCC2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC2DA
}
```

## Border

The CSS property to change the border of an element to Hex CCC2DA 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
#CCC2DA }
```

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

```
.border{ border-color:#CCC2DA }
```

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

Here you see how a box with a 4 pixel #CCC2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC2DA; -webkit-box-shadow:4px 4px  
4px 4px #CCC2DA; box-shadow:4px 4px 4px  
4px #CCC2DA }
```

# Background

The CSS property to change the background color of an element to Hex CCC2DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC2DA }
```

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

```
.background{ background-color:#CCC2DA }
```

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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