

Converting Colors

Hex(CDCAEC)

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

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Color

Hex(CDCAEC)

Conversions

Conversions Part 1

Format	Color
Hex	CDCAEC
RGB	205, 202, 236
RGB Percent	80%, 79%, 93%
CMY	0.1961, 0.2078, 0.0745
CMYK	0.13, 0.14, 0.00, 0.07
HSL	245°, 47%, 86%
HSV	245°, 14%, 93%
XYZ	61.4377, 61.2763, 87.9463
YIQ	206.7730, -9.1260, 11.2100

Conversions

Conversions Part 2

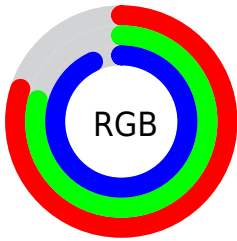
Format	Color
R _Y B	205, 202, 236
Decimal	13486828
CIE Lab	82.53, 7.63, -16.38
CIE LCh	83, 18.074, 294.975
Yxy	61.2763, 0.2916, 0.2909
Android (android.graphics.Color)	4291676908 (0xFFCDCAEC)
YUV	206.7730, 14.4089, -1.5549
Hunter-Lab	78.2792, 3.1077, -11.8166

Details

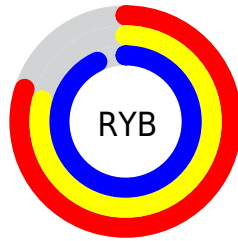
The Hex color **CDCAEC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9ECCA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9794B4** is the 20% darker color. If you saturate the color by 10%, you get **B7B2EC**, and if you desaturate by 10%, it is **E3E2EC**.

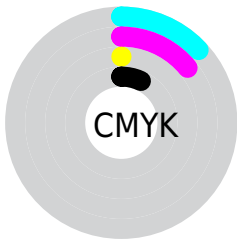
Distribution



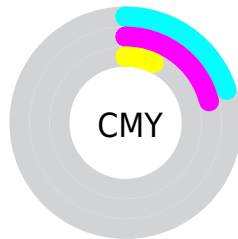
- Red (80%)
- Green (79%)
- Blue (93%)



- Red (80%)
- Yellow (79%)
- Blue (93%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

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

■ CDCAEC

FFFFFF

■ CDCAEC

■ B1AFD0

■ 9794B4

■ 7D7A99

■ 63617F

■ 4B4A66

■ 34334E

■ 1E1E37

■ 090522

■ 000009

CDCAEC

CDCAEC

B7B2EC

E3E2EC

A29BEC

F8F9EC

8C83EC

FFFFEC

776CEC

6154EC

4C3CEC

3625EC

210DEC

1500EC

Harmonies

Analogous

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



B7D0EF



CDCAEC



E1C5E1

Triad

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



CDCAEC



EBC6B2



A8D7CA

Complementary

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



CDCAEC



E9ECCA

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.



B8D5B9



CDCAEC



DECBAC

Square

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



CDCAEC



F1C2C0



CBD1AE



A1D7DB

Rectangle

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



CDCAEC



EBC3D7



CBD1AE



ADD7C4

Sweetspot

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



CDCAEC



F6F5FF



CAE9EC



7A7980



000000



808080

Same Dimension

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



CDCAEC



D7D4FF



DECAEC



6B6A75



1000B5



050036

Inverse Universe

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



ECCA E9



FFD4FB



D8ECCA



756A74



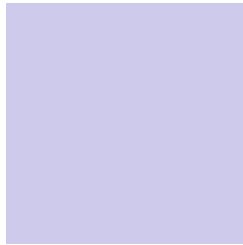
B500A5



360031

Previews

White Background



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

Color Contrast Check

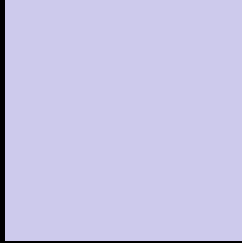
Large Text (above 18pt) WCAG AA × Fail

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 CDCAEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

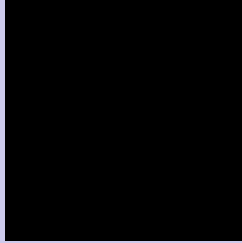
Any Text WCAG AA ✓ Pass

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 CDCAEC Background



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



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

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
CDCAEC

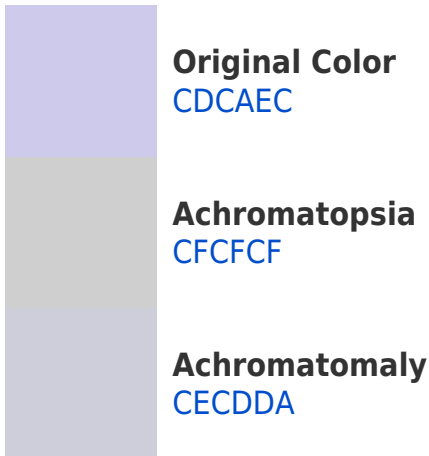
Protanopia
C7CCED

Deuteranopia
D2C8EC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CDCAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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