

Converting Colors

Hex(CAB1CE)

Have a look what the booklet for
Hex(CAB1CE) contains.

Hex(CAB1CE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CAB1CE)

Conversions

Conversions Part 1

Format	Color
Hex	CAB1CE
RGB	202, 177, 206
RGB Percent	79%, 69%, 81%
CMY	0.2078, 0.3059, 0.1922
CMYK	0.02, 0.14, 0.00, 0.19
HSL	292°, 23%, 75%
HSV	292°, 14%, 81%
XYZ	51.2198, 48.4571, 65.0461
YIQ	187.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

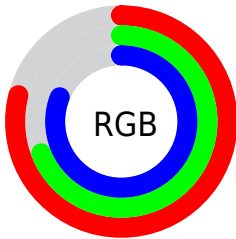
Format	Color
R _Y B	202, 177, 206
Decimal	13283790
CIE Lab	75.11, 14.16, -11.35
CIE LCh	75, 18.147, 321.277
Yxy	48.4571, 0.3109, 0.2942
Android (android.graphics.Color)	4291473870 (0xFFCAB1CE)
YUV	187.7810, 8.9820, 12.4701
Hunter-Lab	69.6111, 9.5208, -6.6740

Details

The Hex color **CAB1CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5CEB1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE9FF**, and **947C98** is the 20% darker color. If you saturate the color by 10%, you get **C79CCE**, and if you desaturate by 10%, it is **CDC6CE**.

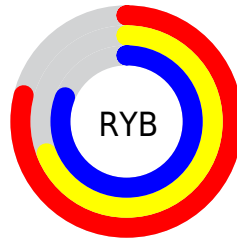
Distribution



Red (79%)

Green (69%)

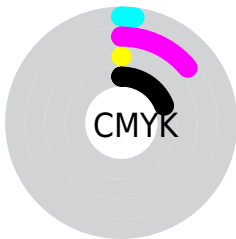
Blue (81%)



Red (79%)

Yellow (69%)

Blue (81%)

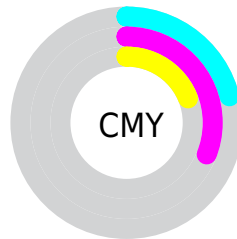


Cyan (2%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (21%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB1CE 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 CAB1CE by changing the saturation by 10% instead.

 CAB1CE

FFFFFF


 FFE9FF

 CAB1CE

 AF96B2

 947C98

 7A637E

 614B65

 49354D

 321F36

 1D0921

 000007

 000000

 CAB1CE

 CAB1CE

 C79CCE

 CDC6CE

 C488CE

 D0DACE

 C173CE

 D3EFCE

 BF5FCE

 D5FFCE

 BC4ACE

 D8FFCE

 B935CE

 DBFFCE

 B621CE

 DEFFCE

 B30CCE

 E1FFCE

 B200CE

 E4FFCE

Harmonies

Analogous

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



B6B6D8



CAB1CE



D8AEBF

Triad

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



CAB1CE



CBB698



8DC3C4

Complementary

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



CAB1CE



B5CEB1

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.



96C2B3



CAB1CE



B9BC9A

Square

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



CAB1CE



D7B1A0



A6C0A4



91C0D2

Rectangle

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



CAB1CE



DCADB3



A6C0A4



8EC3BF

Sweetspot

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



CAB1CE



FEF5FF



B1B5CE



7F7980



000000



808080

Same Dimension

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



CAB1CE



F9D4FF



CEB1C4



655C66



8F00A6



210026

Inverse Universe

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



CEB1B5



FFD4DA



B1CEBB



665C5D



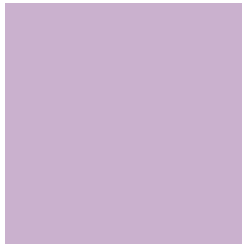
A60017



260005

Previews

White Background



This preview shows how the Hex color CAB1CE looks on a white background.

Color Contrast Check

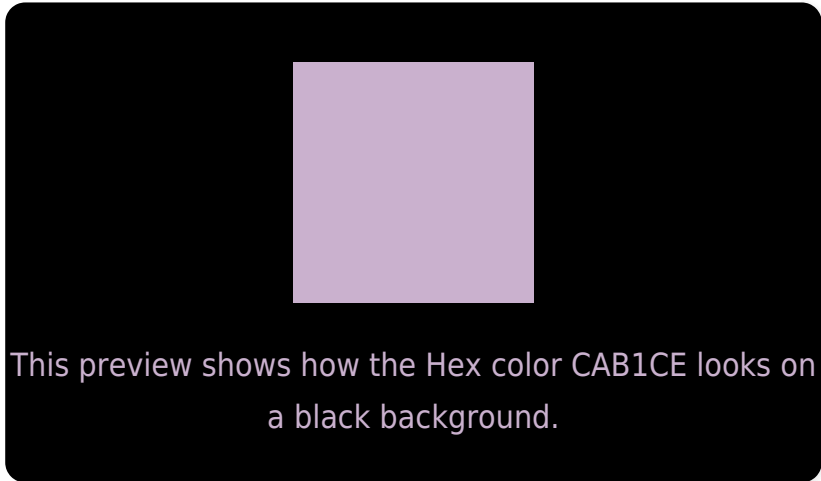
Large Text (above 18pt) WCAG AA × Fail

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

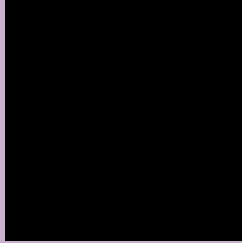
Any Text WCAG AA ✓ Pass

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 CAB1CE Background



This preview shows how black text looks on a background with the Hex color CAB1CE.

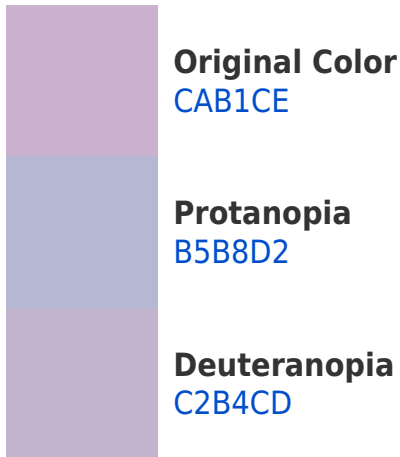


This preview shows how white text looks on a background with the Hex color CAB1CE.

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
C8B3C1

Trichromacy



Original Color
CAB1CE

Protanomaly
BDB5D1

Deuteranomaly
C5B3CD

Tritanomaly
C9B2C6

Monochromacy



Original Color
CAB1CE

Achromatopsia
BCBCBC

Achromatomaly
C1B8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex CAB1CE 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 #CAB1CE looks like.

```
.text, #text, p{  
    color:#CAB1CE  
}
```

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 #CAB1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB1CE }  
}
```

Border

The CSS property to change the border of an element to Hex CAB1CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

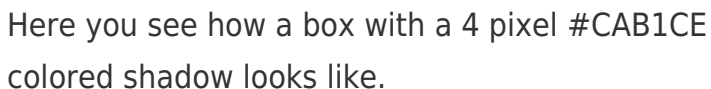
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CAB1CE }  
}
```

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

```
.border{ border-color:#CAB1CE }
```

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



Here you see how a box with a 4 pixel #CAB1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB1CE; -webkit-box-shadow:4px 4px  
4px 4px #CAB1CE; box-shadow:4px 4px 4px  
4px #CAB1CE }
```

Background

The CSS property to change the background color of an element to Hex CAB1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB1CE }
```

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

```
.background{ background-color:#CAB1CE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor