

Converting Colors

Hex(CAAADB)

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

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Color

Hex(CAAADB)

Conversions

Conversions Part 1

Format	Color
Hex	CAAADB
RGB	202, 170, 219
RGB Percent	79%, 67%, 86%
CMY	0.2078, 0.3333, 0.1412
CMYK	0.08, 0.22, 0.00, 0.14
HSL	279°, 40%, 76%
HSV	279°, 22%, 86%
XYZ	51.5180, 46.4205, 73.2626
YIQ	185.1540, 3.3430, 22.0230

Conversions

Conversions Part 2

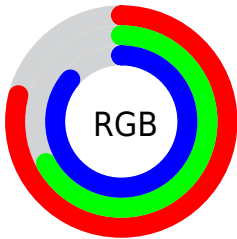
Format	Color
R_{YB}	202, 170, 219
Decimal	13282011
CIE _{Lab}	73.82, 20.53, -20.40
CIE _{LCh}	74, 28.938, 315.181
Yxy	46.4205, 0.3009, 0.2711
Android (android.graphics.Color)	4291472091 (0xFFCAAADB)
YUV	185.1540, 16.6861, 14.7739
Hunter-Lab	68.1326, 15.7397, -16.0614

Details

The Hex color **CAAADB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBDBAA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE1FF**, and **9476A4** is the 20% darker color. If you saturate the color by 10%, you get **C294DB**, and if you desaturate by 10%, it is **D2C0DB**.

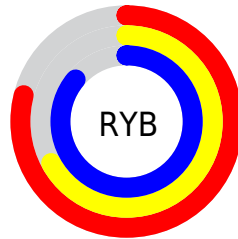
Distribution



Red (79%)

Green (67%)

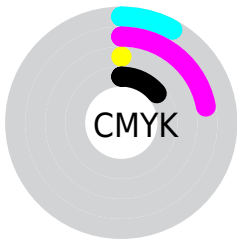
Blue (86%)



Red (79%)

Yellow (67%)

Blue (86%)

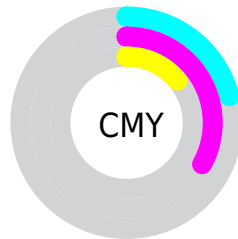


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

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

■ CAAADB

■ CAAADB

FFFFFF

■ AE8FBF

■ FFE1FF

■ 9476A4

FFFEFF

■ 795D8A

■ 604570

■ 482E57

■ 311940

■ 1C002A

■ 000114

■ 000000

CAAADB

CAAADB

C294DB

D2C0DB

BB7EDB

D9D6DB

B368DB

E1ECDB

AC52DB

E8FFDB

A43DDB

F0FFDB

9C27DB

F8FFDB

9511DB

FFFFDB

8F00DB

Harmonies

Analogous

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



A7B3E8



CAAADB



E2A3C4

Triad

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



CAAADB



D4AF83



68C4C2

Complementary

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



CAAADB



BBDBAA

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.



7FC3A7



CAAADB



BBB882

Square

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



CAAADB



E6A791



9DBF8F



67C2DA

Rectangle

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



CAAADB



EAA2B2



9DBF8F



6EC4B9

Sweetspot

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



CAAADB



F9EDFF



AABBDB



7C7580



000000



808080

Same Dimension

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



CAAADB



E7BAFF



DBAAD4



6A636E



7100AD



1E002E

Inverse Universe

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



DBAABB



FFBAD2



AADBB1



6E6366



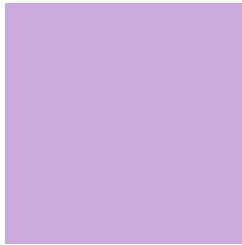
AD003C



2E0010

Previews

White Background



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

Color Contrast Check

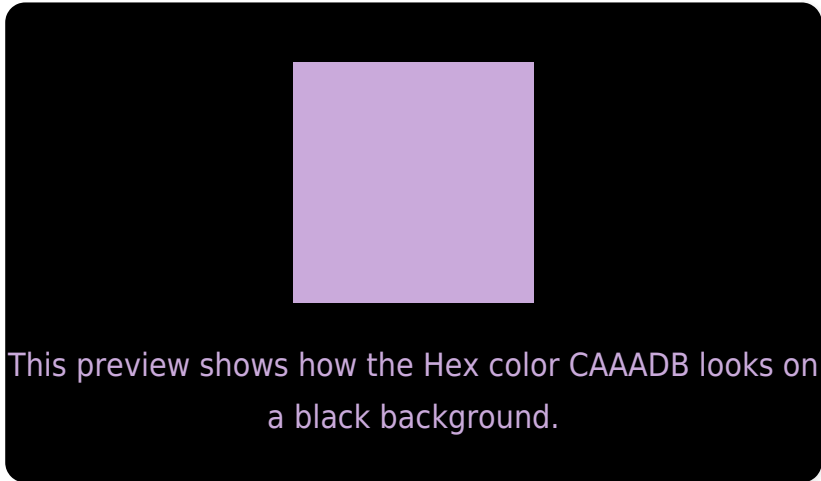
Large Text (above 18pt) WCAG AA × Fail

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 CAAADB Background



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

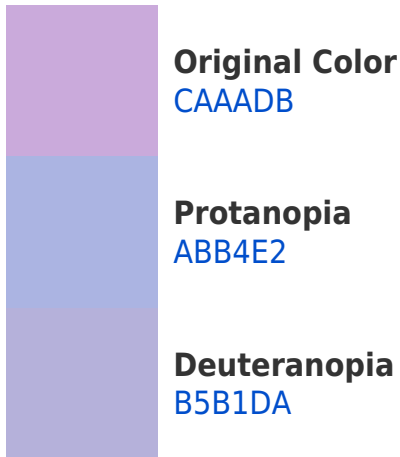


This preview shows how white text looks on a background with the Hex color CAAADB.

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
C5AFBD

Trichromacy



Original Color
CAAADB

Protanomaly
B6B0DF

Deuteranomaly
BDAEDA

Tritanomaly
C7ADC8

Monochromacy



Original Color
CAAADB

Achromatopsia
B9B9B9

Achromatomaly
BFB4C5

CSS Examples

Text

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

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

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 #CAAADB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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