

Converting Colors

Hex(CAACCE)

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

| | |
|--|----|
| Hex(CAACCE) | 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(CAACCE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CAACCE |
| RGB | 202, 172, 206 |
| RGB Percent | 79%, 67%, 81% |
| CMY | 0.2078, 0.3255, 0.1922 |
| CMYK | 0.02, 0.17, 0.00, 0.19 |
| HSL | 293°, 26%, 74% |
| HSV | 293°, 17%, 81% |
| XYZ | 50.2502, 46.5178, 64.7229 |
| YIQ | 184.8460, 6.9660, 16.9340 |

Conversions

Conversions Part 2

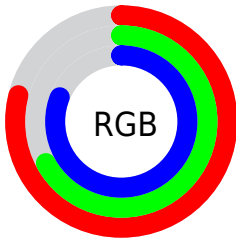
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 172, 206 |
| Decimal | 13282510 |
| CIE Lab | 73.88, 16.88, -13.20 |
| CIE LCh | 74, 21.430, 321.990 |
| Yxy | 46.5178, 0.3112, 0.2881 |
| Android (android.graphics.Color) | 4291472590 (0xFFCAACCE) |
| YUV | 184.8460, 10.4289, 15.0441 |
| Hunter-Lab | 68.2040, 12.1554, -8.5211 |

Details

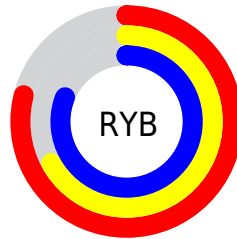
The Hex color **CAACCE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B0CEAC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE3FF**, and **947898** is the 20% darker color. If you saturate the color by 10%, you get **C897CE**, and if you desaturate by 10%, it is **CCC1CE**.

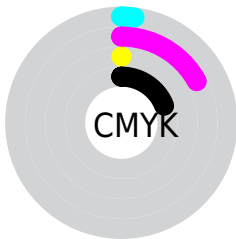
Distribution



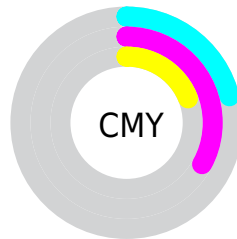
- Red (79%)
- Green (67%)
- Blue (81%)



- Red (79%)
- Yellow (67%)
- Blue (81%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

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

■ CAACCE

■ CAACCE

FFFFFF

■ AE91B2

■ FFE3FF

■ 947898

■ 7A5F7E

■ 614765

■ 49304D

■ 321B36

■ 1E0221

■ 000006

■ 000000

 CAACCE

 CAACCE

 C897CE

 CCC1CE

 C583CE

 CFD5CE

 C36ECE

 D1EACE

 C05ACE

 D4FECE

 BE45CE

 D6FFCE

 BB30CE

 D9FFCE

 B91CCE

 DBFFCE

 B707CE

 DDFECE

 B600CE

 E0FFCE

Harmonies

Analogous

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



B2B2DA



CAACCE



DAA8BC

Triad

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



CAACCE



CAB28F



80C1C4

Complementary

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



CAACCE



BOCEAC

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.



8BC1AF



CAACCE



B5B991

Square

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



CAACCE



D9AC97



9FBE9D



84BED4

Rectangle

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



CAACCE



DEA8AE



9FBE9D



82C1BD

Sweetspot

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



CAACCE



FEF2FF



ACB1CE



7F7880



000000



808080

Same Dimension

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



CAACCE



F9CCFF



CEACC2



655C66



9200A6



220026

Inverse Universe

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



CEACB0



FFCCD2



ACCEB8



665C5D



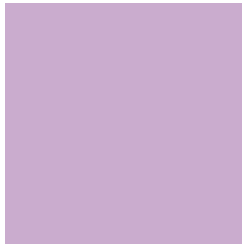
A60013



260004

Previews

White Background



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

Color Contrast Check

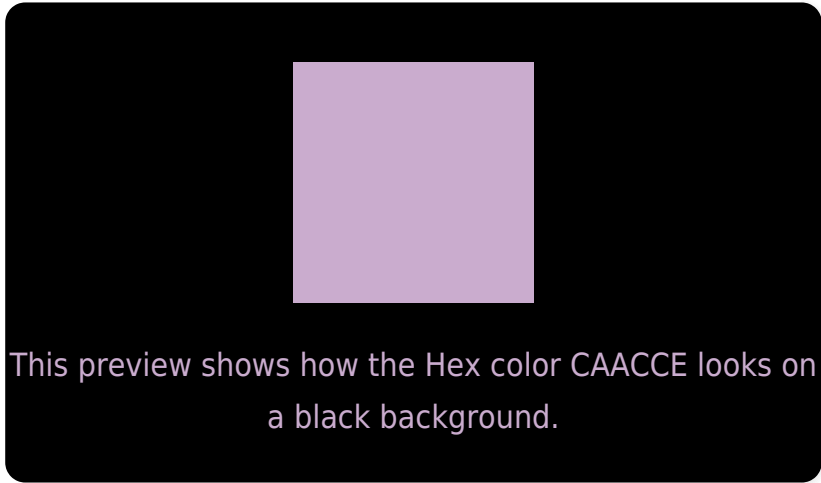
Large Text (above 18pt) WCAG AA × Fail

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 CAACCE Background



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



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

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
CAACCE

Protanopia
B0B4D3

Deuteranopia
BCB1CD



Tritanopia
C7AFBD

Trichromacy



Original Color
CAACCE

Protanomaly
B9B1D1

Deuteranomaly
C1AFCD

Tritanomaly
C8AEC3

Monochromacy



Original Color
CAACCE

Achromatopsia
B9B9B9

Achromatomaly
BFB4C1

CSS Examples

Text

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

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

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 #CAACCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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