

Converting Colors

Hex(CAAAE1)

Have a look what the booklet for
Hex(CAAAE1) contains.

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Color

Hex(CAAAE1)

Conversions

Conversions Part 1

Format	Color
Hex	CAA AE1
RGB	202, 170, 225
RGB Percent	79%, 67%, 88%
CMY	0.2078, 0.3333, 0.1176
CMYK	0.10, 0.24, 0.00, 0.12
HSL	275°, 48%, 77%
HSV	275°, 24%, 88%
XYZ	52.3225, 46.7423, 77.4986
YIQ	185.8380, 1.4170, 23.8890

Conversions

Conversions Part 2

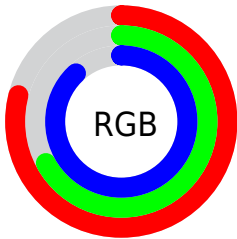
Format	Color
R_{YB}	202, 170, 225
Decimal	13282017
CIE _{Lab}	74.02, 21.75, -23.35
CIE _{LCh}	74, 31.911, 312.956
Yxy	46.7423, 0.2963, 0.2647
Android (android.graphics.Color)	4291472097 (0xFFCAA _{AE} 1)
YUV	185.8380, 19.3069, 14.1741
Hunter-Lab	68.3683, 16.9620, -19.3501

Details

The Hex color **CAAAE1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C1E1AA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFE1FF**, and **9376AA** is the 20% darker color. If you saturate the color by 10%, you get **C193E1**, and if you desaturate by 10%, it is **D3C1E1**.

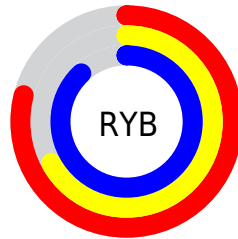
Distribution



Red (79%)

Green (67%)

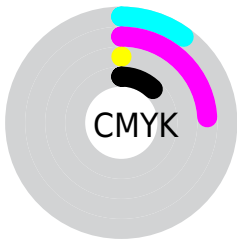
Blue (88%)



Red (79%)

Yellow (67%)

Blue (88%)

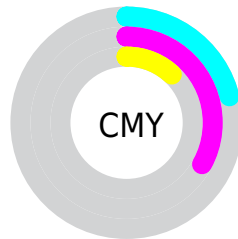


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (21%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAAAE1 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 CAAAE1 by changing the saturation by 10% instead.

■ CAAAE1

■ CAAAE1

FFFFFF

■ AE8FC5

■ FFE1FF

■ 9376AA

FFFEFF

■ 795D8F

■ 604575

■ 482E5C

■ 301945

■ 1B012E

■ 000119

■ 000000

CAAAE1

CAAAE1

C193E1

D3C1E1

B77DE1

DDD7E1

AE67E1

E6EEE1

A450E1

F0FFE1

9B39E1

F9FFE1

9223E1

FFFFE1

880DE1

8300E1

Harmonies

Analogous

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



A2B4EF



CAAAE1



E5A2C8

Triad

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



CAAEE1



D9AE7E



5EC6C2

Complementary

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



CAAAE1



C1E1AA

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.



7BC5A4



CAAEE1



BEB87C

Square

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



CAAAE1



ECA58F



9DC08A



59C4DD

Rectangle

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



CAA AE1



EFA 0B4



9DC 08A



66C 6B8

Sweetspot

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



CAAAE1



F8EDFF



AAC2E1



7B7580



000000



808080

Same Dimension

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



CAAAE1



E0B5FF



E1AADD



6C6570



6600B0



1C0030

Inverse Universe

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



E1AAC1



FFB5D4



AAE1AE



70656A



B0004A



300014

Previews

White Background



This preview shows how the Hex color CAAAE1 looks on a white background.

Color Contrast Check

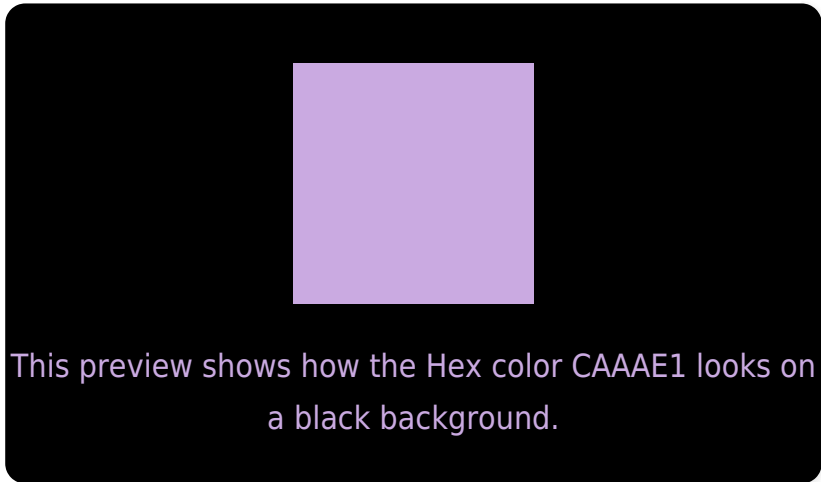
Large Text (above 18pt) WCAG AA × Fail

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

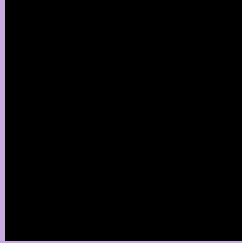
Any Text WCAG AA ✓ Pass

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 CAAAE1 Background



This preview shows how black text looks on a background with the Hex color CAAAE1.

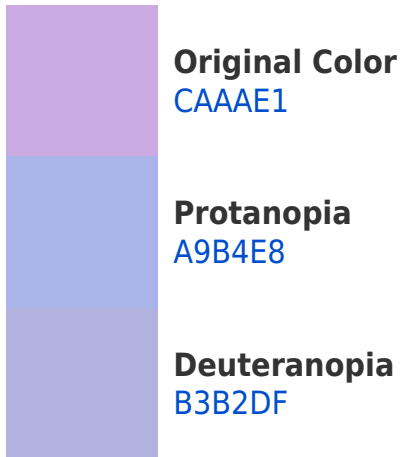



This preview shows how white text looks on a background with the Hex color CAAAE1.

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](#).

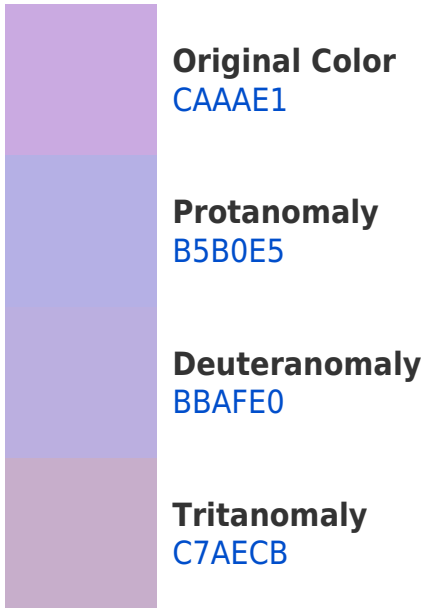
Dichromacy



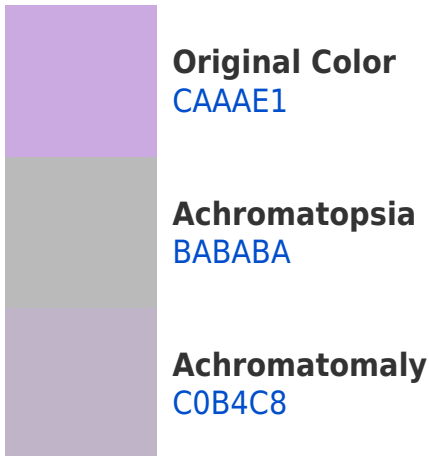


Tritanopia
C5B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAAAE1 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 #CAAAE1 looks like.

```
.text, #text, p{  
    color:#CAAAE1  
}
```

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 #CAAEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAAEE1
}
```

Border

The CSS property to change the border of an element to Hex CAAAE1 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
#CAAEE1 }
```

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

```
.border{ border-color:#CAAEE1 }
```

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

Here you see how a box with a 4 pixel #CAAEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAAEE1; -webkit-box-shadow:4px 4px  
4px 4px #CAAEE1; box-shadow:4px 4px 4px  
4px #CAAEE1 }
```

Background

The CSS property to change the background color of an element to Hex CAAAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAAEE1 }
```

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

```
.background{ background-color:#CAAEE1 }
```

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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