

Converting Colors

Hex(CAABED)

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

Hex(CAABED)	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(CAABED)

Conversions

Conversions Part 1

Format	Color
Hex	CAABED
RGB	202, 171, 237
RGB Percent	79%, 67%, 93%
CMY	0.2078, 0.3294, 0.0706
CMYK	0.15, 0.28, 0.00, 0.07
HSL	268°, 65%, 80%
HSV	268°, 28%, 93%
XYZ	54.2061, 47.7968, 86.4895
YIQ	187.7930, -2.7100, 27.0980

Conversions

Conversions Part 2

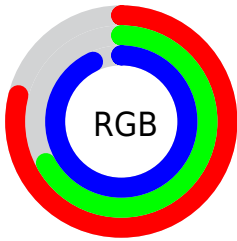
Format	Color
R _Y B	202, 171, 237
Decimal	13282285
CIE Lab	74.70, 23.71, -28.85
CIE LCh	75, 37.342, 309.412
Yxy	47.7968, 0.2876, 0.2536
Android (android.graphics.Color)	4291472365 (0xFFCAABED)
YUV	187.7930, 24.2591, 12.4595
Hunter-Lab	69.1352, 18.9679, -25.7783

Details

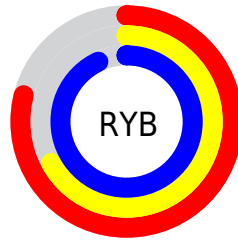
The Hex color **CAABED** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CEEDAB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE3FF**, and **9377B5** is the 20% darker color. If you saturate the color by 10%, you get **BD93ED**, and if you desaturate by 10%, it is **D7C3ED**.

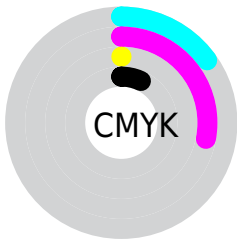
Distribution



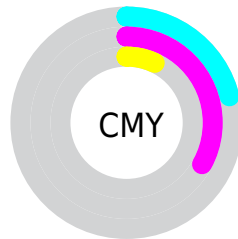
- Red (79%)
- Green (67%)
- Blue (93%)



- Red (79%)
- Yellow (67%)
- Blue (93%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 CAABED

 CAABED

FFFFFF

 AE90D1

 FFE3FF

 9377B5

 795E9A

 5F4680

 472F66

 2F194E

 180237

 000121

 000006

 CAABED

 CAABED

 BD93ED

 D7C3ED

 B17CED

 E3DAED

 A464ED

 F0F2ED

 984CED

 FCFFED

 8B34ED

 FFFFED

 7F1DED

 7205ED

 6F00ED

Harmonies

Analogous

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



99B7FB



CAABED



ECA1D1

Triad

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



CAABED



E3AE78



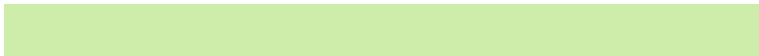
4ACAC2

Complementary

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



CAABED



CEEDAB

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.



75C99F



CAABED



C4B973

Square

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



CAABED



F7A38E



9FC382



37C8E2

Rectangle

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



CAABED



F89EBA



9FC382



58CAB6

Sweetspot

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



CAABED



F4EBFF



ABCEED



797380



000000



808080

Same Dimension

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



CAABED



D2ABFF



EBABED



6F6A75



5500B5



190036

Inverse Universe

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



EDABCE



FFABD7



ADEDAB



756A70



B50060



36001C

Previews

White Background



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

Color Contrast Check

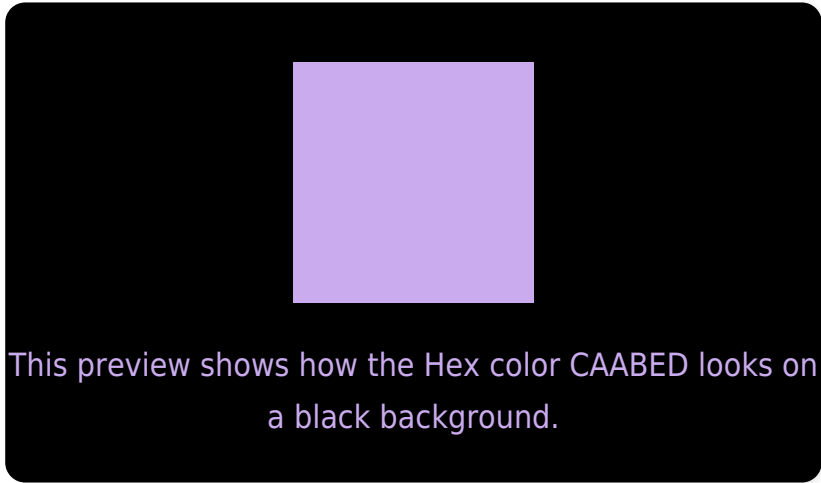
Large Text (above 18pt) WCAG AA × Fail

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

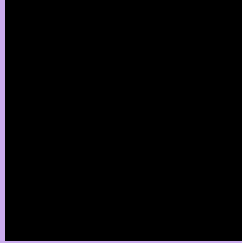
Any Text WCAG AA ✓ Pass

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 CAABED Background



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

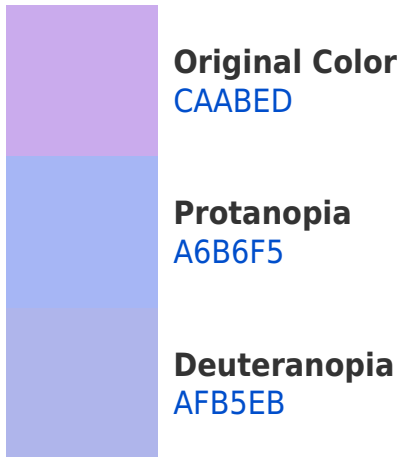


This preview shows how white text looks on a background with the Hex color CAABED.

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](#).

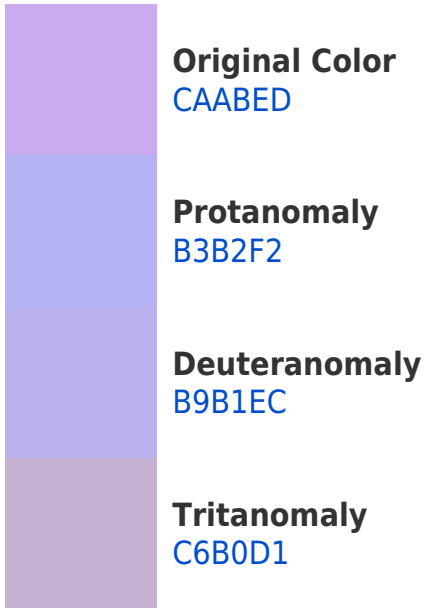
Dichromacy



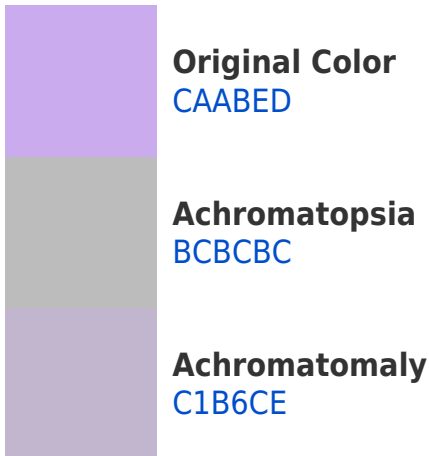


Tritanopia
C3B3C1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CAABED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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