

Converting Colors

Hex(CAAAD8)

Have a look what the booklet for
Hex(CAAAD8) contains.

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Color

Hex(CAAAD8)

Conversions

Conversions Part 1

Format	Color
Hex	CAAAD8
RGB	202, 170, 216
RGB Percent	79%, 67%, 85%
CMY	0.2078, 0.3333, 0.1529
CMYK	0.06, 0.21, 0.00, 0.15
HSL	282°, 37%, 76%
HSV	282°, 21%, 85%
XYZ	51.1265, 46.2639, 71.2009
YIQ	184.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

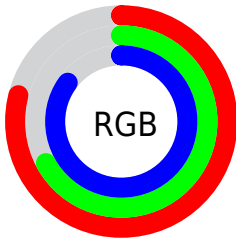
Format	Color
R_{YB}	202, 170, 216
Decimal	13282008
CIE _{Lab}	73.72, 19.93, -18.91
CIE _{LCh}	74, 27.473, 316.497
Yxy	46.2639, 0.3033, 0.2744
Android (android.graphics.Color)	4291472088 (0xFFCAAAD8)
YUV	184.8120, 15.3757, 15.0739
Hunter-Lab	68.0176, 15.1418, -14.4526

Details

The Hex color **CAAAD8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8D8AA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE1FF**, and **9476A1** is the 20% darker color. If you saturate the color by 10%, you get **C394D8**, and if you desaturate by 10%, it is **D1C0D8**.

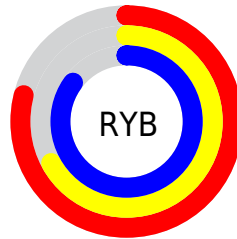
Distribution



Red (79%)

Green (67%)

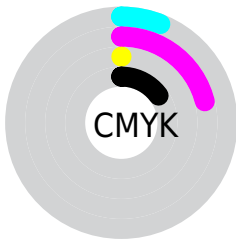
Blue (85%)



Red (79%)

Yellow (67%)

Blue (85%)

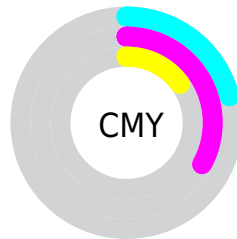


Cyan (6%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAAAD8 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 CAAAD8 by changing the saturation by 10% instead.

■ CAAAD8

■ CAAAD8

FFFFFF

■ AE8FBC

■ FFE1FF

■ 9476A1

FFFEFF

■ 7A5D87

■ 60456D

■ 482E55

■ 31193E

■ 1D0028

■ 000112

■ 000000

CAAAD8

CAAAD8

C394D8

D1C0D8

BD7FD8

D7D5D8

B669D8

DEEBD8

B054D8

E4FFD8

A93ED8

EBFFD8

A328D8

F1FFD8

9C13D8

F8FFD8

9600D8

FFFFD8

Harmonies

Analogous

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



A9B3E5



CAAAD8



E0A4C2

Triad

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



CAAAD8



D2B085



6CC3C2

Complementary

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



CAAAD8



B8D8AA

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.



80C2A9



CAAAD8



B9B885

Square

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



CAAAD8



E3A892



9DBF92



6DC1D9

Rectangle

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



CAAAD8



E7A3B0



9DBF92



71C3BA

Sweetspot

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



CAAAD8



FAF0FF



AAB9D8



7D7780



000000



808080

Same Dimension

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



CAAAD8



EBBDFE



D8AAD0



68606B



7700AB



1E002B

Inverse Universe

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



D8AAB8



FFBDD1



AAD8B2



6B6064



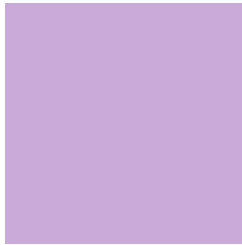
AB0034



2B000D

Previews

White Background



This preview shows how the Hex color CAAAD8 looks on a white background.

Color Contrast Check

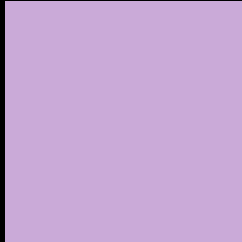
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CAAAD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

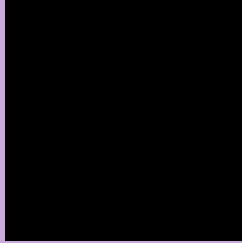
Any Text WCAG AA ✓ Pass

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 CAAAD8 Background



This preview shows how black text looks on a background with the Hex color CAAAD8.

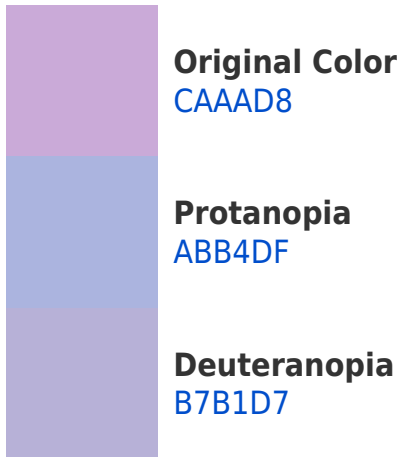


This preview shows how white text looks on a background with the Hex color CAAAD8.

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](#).

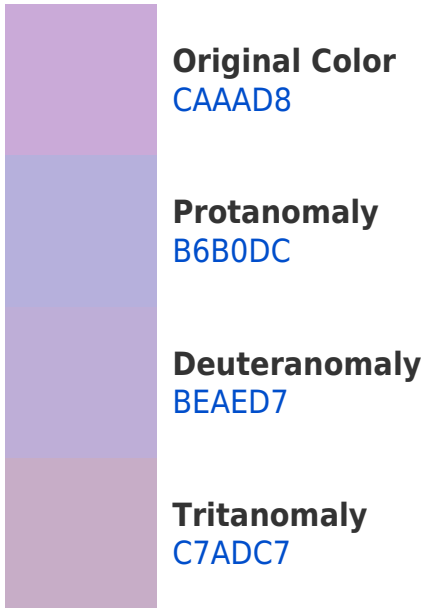
Dichromacy



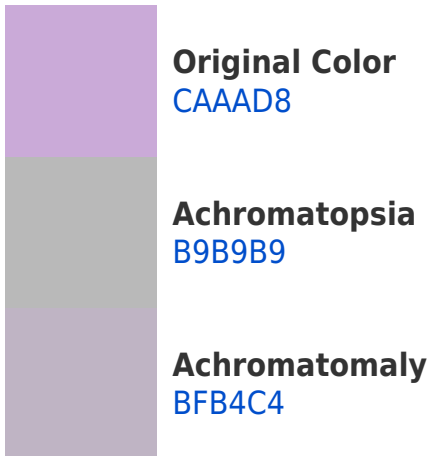


Tritanopia
C6AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAAAD8 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 #CAAAD8 looks like.

```
.text, #text, p{  
    color:#CAAAD8  
}
```

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 #CAAAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAAAD8  
}
```

Border

The CSS property to change the border of an element to Hex CAAAD8 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  
#CAAAD8 }
```

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

```
.border{ border-color:#CAAAD8 }
```

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

Here you see how a box with a 4 pixel #CAAAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAAAD8; -webkit-box-shadow:4px 4px  
4px 4px #CAAAD8; box-shadow:4px 4px 4px  
4px #CAAAD8 }
```

Background

The CSS property to change the background color of an element to Hex CAAAD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAAAD8 }
```

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

```
.background{ background-color:#CAAAD8 }
```

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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