

Converting Colors

Hex(CAE2A9)

Have a look what the booklet for
Hex(CAE2A9) contains.

Hex(CAE2A9)	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(CAE2A9)

Conversions

Conversions Part 1

Format	Color
Hex	CAE2A9
RGB	202, 226, 169
RGB Percent	79%, 89%, 66%
CMY	0.2078, 0.1137, 0.3373
CMYK	0.11, 0.00, 0.25, 0.11
HSL	85°, 50%, 77%
HSV	85°, 25%, 89%
XYZ	58.7149, 69.8138, 47.9169
YIQ	212.3260, 3.9930, -22.8150

Conversions

Conversions Part 2

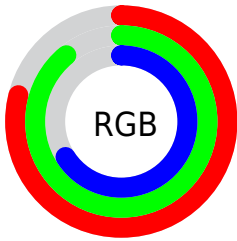
Format	Color
RYB	169, 226, 193
Decimal	13296297
CIELab	86.91, -17.72, 25.30
CIELCh	87, 30.888, 125.018
Yxy	69.8138, 0.3328, 0.3957
Android (android.graphics.Color)	4291486377 (0xFFCAE2A9)
YUV	212.3260, -21.3597, -9.0559
Hunter-Lab	83.5547, -20.7865, 24.4866

Details

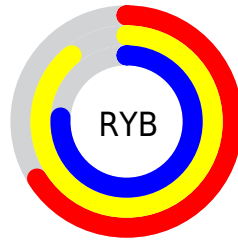
The Hex color **CAE2A9** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C1A9E2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFE0**, and **93AB75** is the 20% darker color. If you saturate the color by 10%, you get **C0E292**, and if you desaturate by 10%, it is **D4E2C0**.

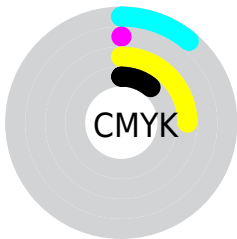
Distribution



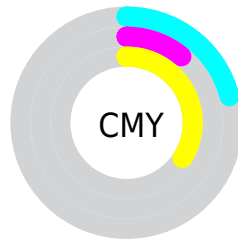
- Red (79%)
- Green (89%)
- Blue (66%)



- Red (66%)
- Yellow (89%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAE2A9 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 CAE2A9 by changing the saturation by 10% instead.

 CAE2A9

FFFFFF

 FFFFEO

FFFFFFD

 CAE2A9

 AEC68E

 93AB75

 79905C

 607644

 485E2D

 304616

 1B2F00

 001C00

 000000

 CAE2A9

 CAE2A9

 C0E292

 D4E2C0

 B7E27C

 DDE2D6

 ADE265

 E7E2ED

 A4E24F

 F0E2FF

 9AE238

 FAE2FF

 91E221

 FFE2FF

 87E20B

 83E200

Harmonies

Analogous

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



EAD99F



CAE2A9



A8E8C0

Triad

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



CAE2A9



96E3FF



FFC4D6

Complementary

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



CAE2A9



C1A9E2

Split Complementary

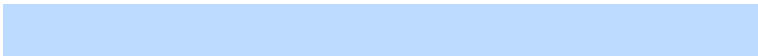
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8F3



CAE2A9



BCDBFF

Square

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



CAE2A9



83E9FA



E5D0FF



FFC7B9

Rectangle

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



CAE2A9



94EAD4



E5D0FF



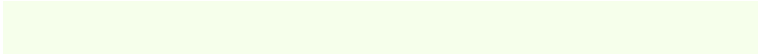
FFC5E0

Sweetspot

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



CAE2A9



F6FFEB



E2C1A9



7A8073



000000



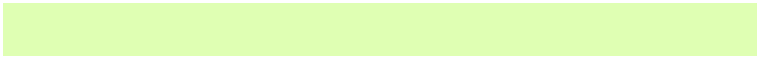
808080

Same Dimension

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



CAE2A9



DFFFB3



AEE2A9



6B7065



66B000



1C3000

Inverse Universe

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



C1A9E2



D3B3FF



DDA9E2



6A6570



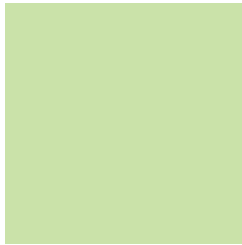
4A00B0



140030

Previews

White Background



This preview shows how the Hex color CAE2A9 looks on a white background.

Color Contrast Check

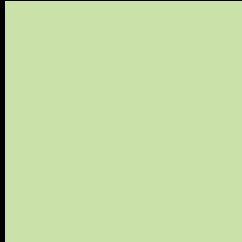
Large Text (above 18pt) WCAG AA × Fail

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 CAE2A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

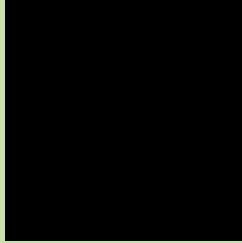
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

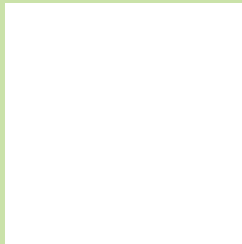
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CAE2A9 Background



This preview shows how black text looks on a background with the Hex color CAE2A9.

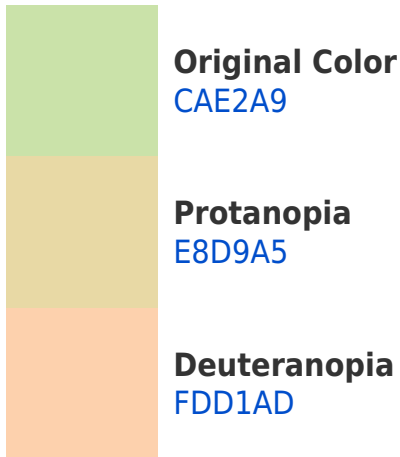


This preview shows how white text looks on a background with the Hex color CAE2A9.

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](#).

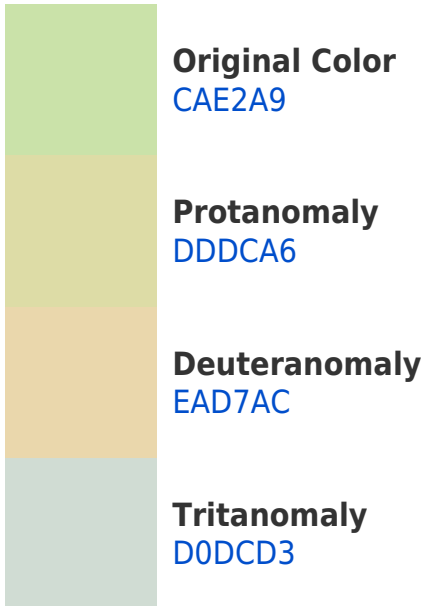
Dichromacy



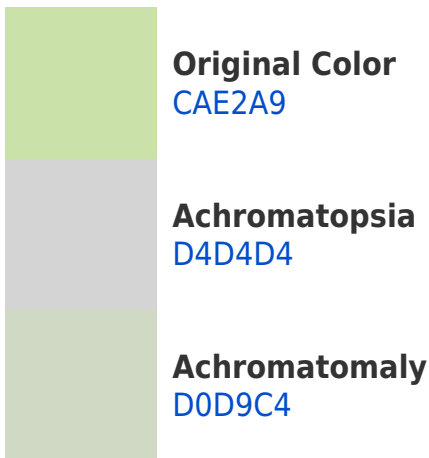


Tritanopia
D3D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAE2A9 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 #CAE2A9 looks like.

```
.text, #text, p{  
    color:#CAE2A9  
}
```

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 #CAE2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE2A9  
}
```

Border

The CSS property to change the border of an element to Hex CAE2A9 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  
#CAE2A9 }
```

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

```
.border{ border-color:#CAE2A9 }
```

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

Here you see how a box with a 4 pixel #CAE2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE2A9; -webkit-box-shadow:4px 4px  
4px 4px #CAE2A9; box-shadow:4px 4px 4px  
4px #CAE2A9 }
```

Background

The CSS property to change the background color of an element to Hex CAE2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE2A9 }
```

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

```
.background{ background-color:#CAE2A9 }
```

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