

# Converting Colors

Hex(CAE299)

Have a look what the booklet for  
Hex(CAE299) contains.

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# **Color**

**Hex(CAE299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAE299
RGB	202, 226, 153
RGB Percent	79%, 89%, 60%
CMY	0.2078, 0.1137, 0.4000
CMYK	0.11, 0.00, 0.32, 0.11
HSL	80°, 56%, 74%
HSV	80°, 32%, 89%
XYZ	57.3032, 69.2492, 40.4832
YIQ	210.5020, 9.1290, -27.7910

# Conversions

## Conversions Part 2

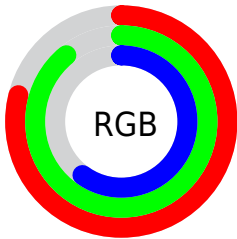
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 226, 177
Decimal	13296281
CIELab	86.63, -19.97, 33.13
CIELCh	87, 38.681, 121.076
Yxy	69.2492, 0.3431, 0.4146
Android (android.graphics.Color)	4291486361 (0xFFCAE299)
YUV	210.5020, -28.3485, -7.4563
Hunter-Lab	83.2161, -22.7117, 29.4077

# Details

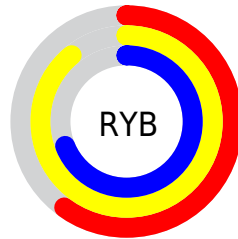
The Hex color **CAE299** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B199E2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFD0**, and **93AB65** is the 20% darker color. If you saturate the color by 10%, you get **C3E282**, and if you desaturate by 10%, it is **D1E2B0**.

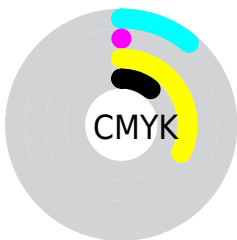
# Distribution



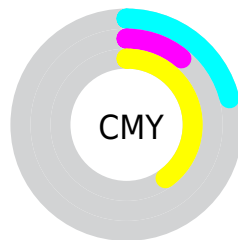
- Red (79%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE299 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 CAE299 by changing the saturation by 10% instead.



 CAE299

FFFFFF

 FFFFD0

 FFFFEC

 CAE299

 AEC67F

 93AB65

 79904C

 5F7634

 465E1D

 2E4604

 182F00

 001C00

 000000

 CAE299

 CAE299

 C3E282

 D1E2B0

 BBE26C

 D9E2C6

 B4E255

 E0E2DD

 ACE23F

 E8E2F3

 A5E228

 EFE2FF

 9DE211

 F7E2FF

 98E200

 FEE2FF

 FFE2FF

# Harmonies

## Analogous

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



F1D78F



CAE299



9FEAB4

# Triad

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



CAE299



74E6FF



FFBDD9

# Complementary

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



CAE299



B199E2

# Split Complementary

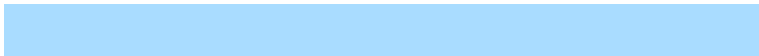
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3FD



CAE299



A9DCFF

# Square

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



CAE299



5CECFD



DFCFFF



FFC0B5

# Rectangle

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



CAE299



82ECCC



DFCFFF



FFBEE5

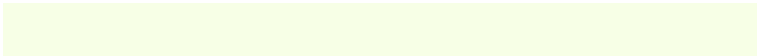


# Sweetspot

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



CAE299



F7FFE6



E2B099



7A8070



000000



808080

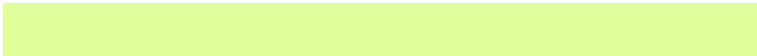


# Same Dimension

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



CAE299



DEFF9C



A6E299



6D7065



76B000



213000



# Inverse Universe

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



B199E2



BC9CFF



D599E2



696570



3A00B0

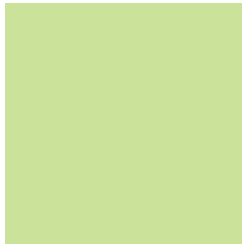


100030



# Previews

## White Background



This preview shows how the Hex color CAE299 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 CAE299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

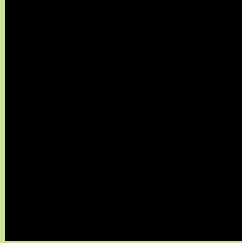
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAE299 Background



This preview shows how black text looks on a background with the Hex color CAE299.

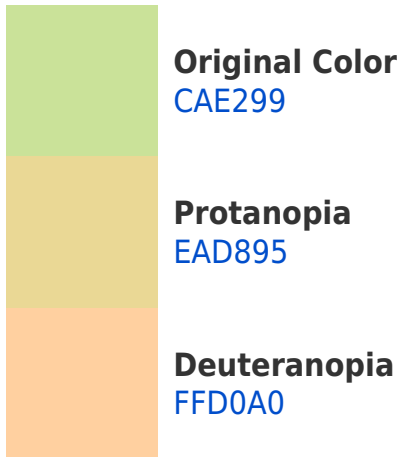


This preview shows how white text looks on a background with the Hex color CAE299.

# 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](#).

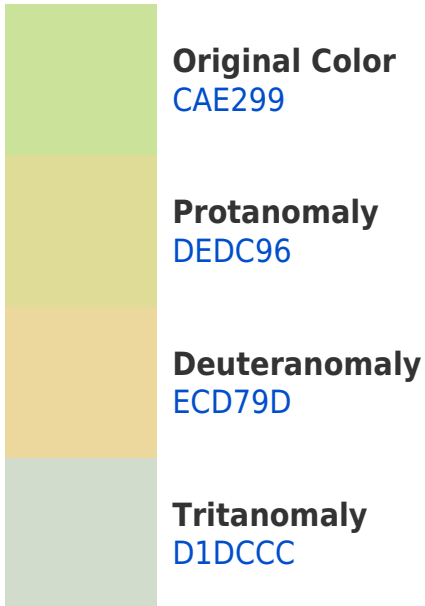
## Dichromacy



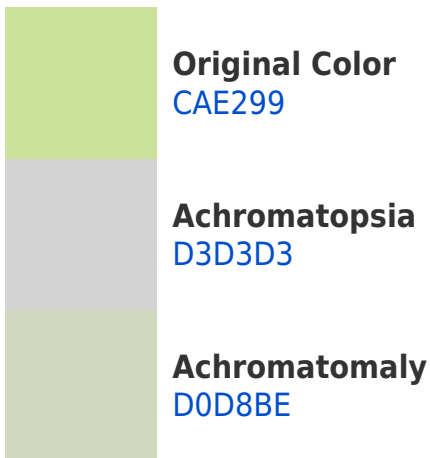


**Tritanopia**  
D5D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE299 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 #CAE299 looks like.

```
.text, #text, p{  
    color:#CAE299  
}
```

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 #CAE299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE299
}
```

## Border

The CSS property to change the border of an element to Hex CAE299 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
#CAE299 }
```

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

```
.border{ border-color:#CAE299 }
```

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

Here you see how a box with a 4 pixel #CAE299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE299; -webkit-box-shadow:4px 4px  
4px 4px #CAE299; box-shadow:4px 4px 4px  
4px #CAE299 }
```

# Background

The CSS property to change the background color of an element to Hex CAE299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE299 }
```

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

```
.background{ background-color:#CAE299 }
```

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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