

# Converting Colors

Hex(CAE292)

Have a look what the booklet for  
Hex(CAE292) contains.

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# **Color**

**Hex(CAE292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE292
RGB	202, 226, 146
RGB Percent	79%, 89%, 57%
CMY	0.2078, 0.1137, 0.4275
CMYK	0.11, 0.00, 0.35, 0.11
HSL	78°, 58%, 73%
HSV	78°, 35%, 89%
XYZ	56.7418, 69.0246, 37.5266
YIQ	209.7040, 11.3760, -29.9680

# Conversions

## Conversions Part 2

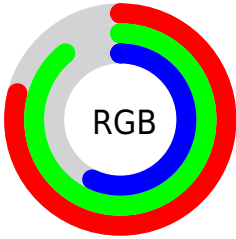
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 226, 170
Decimal	13296274
CIELab	86.52, -20.87, 36.53
CIELCh	87, 42.070, 119.743
Yxy	69.0246, 0.3475, 0.4227
Android (android.graphics.Color)	4291486354 (0xFFCAE292)
YUV	209.7040, -31.4061, -6.7564
Hunter-Lab	83.0810, -23.4818, 31.3762

# Details

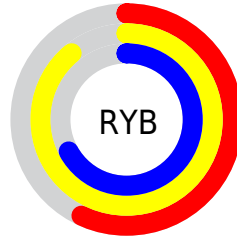
The Hex color **CAE292** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AA92E2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFC9**, and **93AB5E** is the 20% darker color. If you saturate the color by 10%, you get **C3E27B**, and if you desaturate by 10%, it is **D1E2A9**.

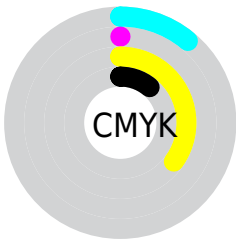
# Distribution



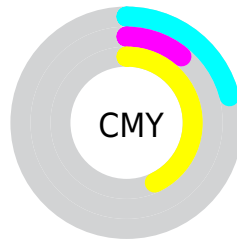
- Red (79%)
- Green (89%)
- Blue (57%)



- Red (57%)
- Yellow (89%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE292 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 CAE292 by changing the saturation by 10% instead.



 CAE292

FFFFFF

 FFFFC9

 FFFF E5

 CAE292

 AEC678

 93AB5E

 789046

 5F762D

 465E15

 2D4600

 162F00

 001C00

 000000

 CAE292

 CAE292

 C3E27B

 D1E2A9

 BCE265

 D8E2BF

 B6E24E

 DEE2D6

 AFE238

 E5E2EC

 A8E221

 ECE2FF

 A1E20A

 F3E2FF

 9EE200

 F9E2FF

 FFE2FF

# Harmonies

## Analogous

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



F4D688



CAE292



9BEAAF

# Triad

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



CAE292



60E7FF



FFBADA

# Complementary

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



CAE292



AA92E2

# Split Complementary

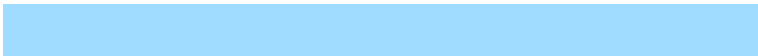
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



CAE292



A0DCFF

# Square

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



CAE292



43EDFF



DDCEFF



FFDBB3

# Rectangle

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



CAE292



79EDC9



DDCEFF



FFBBE8



# Sweetspot

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



CAE292



F7FFE3



E2AA92



7B806F



000000



808080

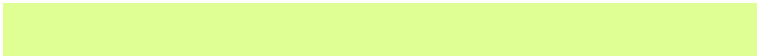


# Same Dimension

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



CAE292



DFFF94



A2E292



6D7065



7BB000



223000



# Inverse Universe

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



AA92E2



B494FF



D292E2



686570



3500B0

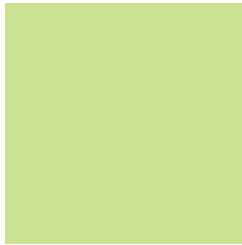


0F0030



# Previews

## White Background



This preview shows how the Hex color CAE292 looks on a white background.

## Color Contrast Check

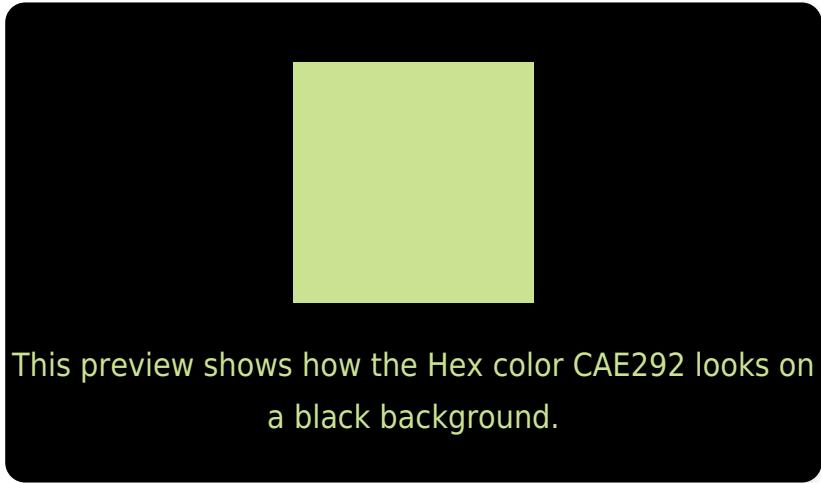
Large Text (above 18pt) WCAG AA × Fail

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

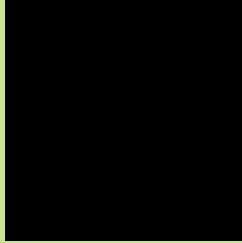
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAE292 Background



This preview shows how black text looks on a background with the Hex color CAE292.

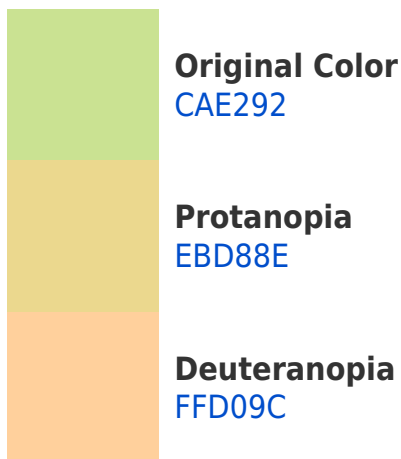


This preview shows how white text looks on a background with the Hex color CAE292.

# 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**  
D6D7E8

# Trichromacy



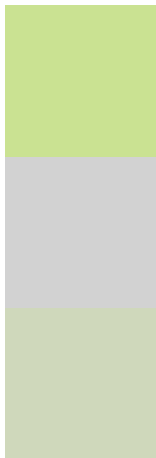
**Original Color**  
CAE292

**Protanomaly**  
DFDC8F

**Deuteranomaly**  
ECD798

**Tritanomaly**  
D2DBC9

# Monochromacy



**Original Color**  
CAE292

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CFD8BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE292 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 #CAE292 looks like.

```
.text, #text, p{  
    color:#CAE292  
}
```

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 #CAE292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE292
}
```

## Border

The CSS property to change the border of an element to Hex CAE292 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
#CAE292 }
```

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

```
.border{ border-color:#CAE292 }
```

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

Here you see how a box with a 4 pixel #CAE292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE292; -webkit-box-shadow:4px 4px  
4px 4px #CAE292; box-shadow:4px 4px 4px  
4px #CAE292 }
```

# Background

The CSS property to change the background color of an element to Hex CAE292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE292 }
```

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

```
.background{ background-color:#CAE292 }
```

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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