

# Converting Colors

Hex(CAE6CA)

Have a look what the booklet for  
Hex(CAE6CA) contains.

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# **Color**

**Hex(CAE6CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE6CA
RGB	202, 230, 202
RGB Percent	79%, 90%, 79%
CMY	0.2078, 0.0980, 0.2078
CMYK	0.12, 0.00, 0.12, 0.10
HSL	120°, 36%, 85%
HSV	120°, 12%, 90%
XYZ	63.3146, 73.4145, 66.7105
YIQ	218.4360, -7.7000, -14.6440

# Conversions

## Conversions Part 2

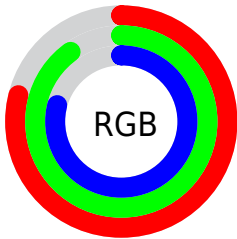
Format	Color
<a href="#">RYB</a>	<a href="#">202, 230, 230</a>
Decimal	<a href="#">13297354</a>
CIELab	<a href="#">88.65, -14.38, 10.56</a>
CIELCh	<a href="#">89, 17.839, 143.721</a>
Yxy	<a href="#">73.4145, 0.3112, 0.3609</a>
Android (android.graphics.Color)	<a href="#">4291487434</a> ( <a href="#">0xFFCAE6CA</a> )
YUV	<a href="#">218.4360, -8.1029, -14.4144</a>
Hunter-Lab	<a href="#">85.6822, -18.0419, 13.8155</a>

# Details

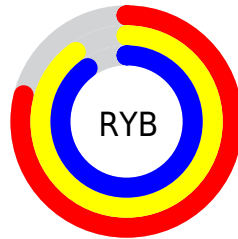
The Hex color **CAE6CA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6CAE6**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **94AE94** is the 20% darker color. If you saturate the color by 10%, you get **B3E6B3**, and if you desaturate by 10%, it is **E1E6E1**.

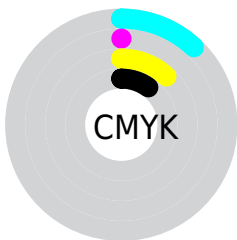
# Distribution



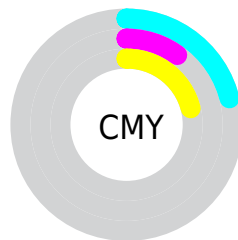
- Red (79%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE6CA 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 CAE6CA by changing the saturation by 10% instead.



■ CAE6CA

FFFFFF

■ CAE6CA

■ AFCAAF

■ 94AE94

■ 7A947A

■ 617A61

■ 496149

■ 324933

■ 1C331E

■ 061E05

■ 000000

 CAE6CA

 CAE6CA

 B3E6B3

 E1E6E1

 9CE69C

 F8E6F8

 85E685

 FFE6FF

 6EE66E

 57E657

 40E640

 29E629

 12E612

 00E600

# Harmonies

## Analogous

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



DDE2BF



CAE6CA



BAE8DA

# Triad

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



CAE6CA



C8E1FF



FFD3D2

# Complementary

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



CAE6CA



E6CAE6

# 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.



FFD3E3



CAE6CA



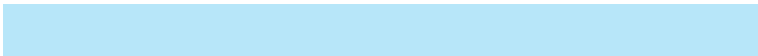
DDDBFE

# Square

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



CAE6CA



B7E6F9



F1D6F3



FDD7C4

# Rectangle

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



CAE6CA



B4E9E6



F1D6F3



FFD3D7



# Sweetspot

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



CAE6CA



F5FFF5



E6E6CA



798079



000000



808080

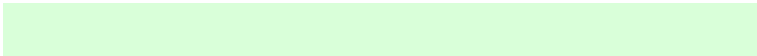


# Same Dimension

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



CAE6CA



D9FFD9



CAE6D8



677367



00B300



003300



# Inverse Universe

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



E6CAE6



FFD9FF



E6CAD8



736773



B300B3

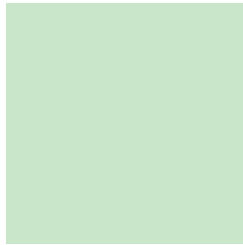


330033



# Previews

## White Background



This preview shows how the Hex color CAE6CA looks on a white background.

## Color Contrast Check

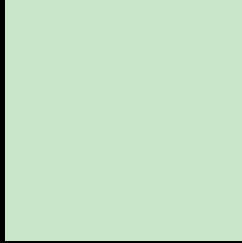
Large Text (above 18pt) WCAG AA × Fail

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 CAE6CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

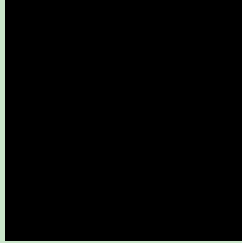
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

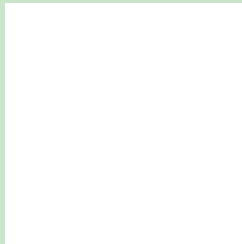
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE6CA Background



This preview shows how black text looks on a background with the Hex color CAE6CA.

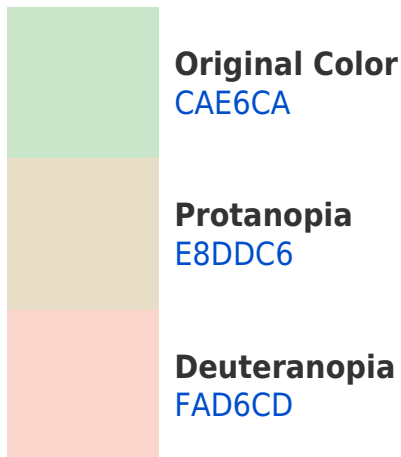


This preview shows how white text looks on a background with the Hex color CAE6CA.

# 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](#).

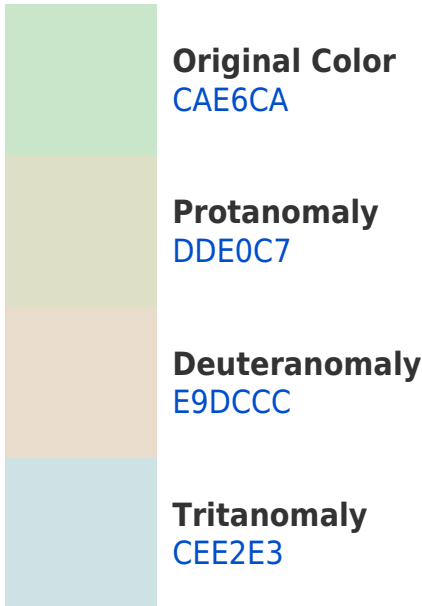
## Dichromacy



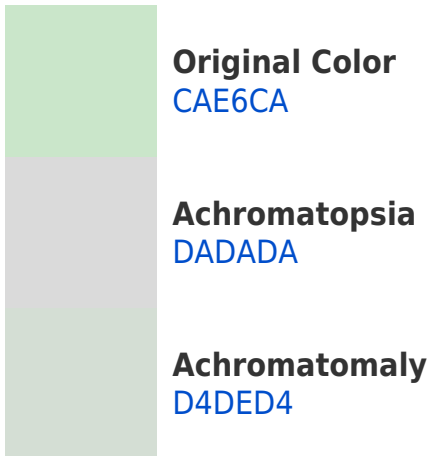


**Tritanopia**  
D1E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE6CA 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 #CAE6CA looks like.

```
.text, #text, p{  
    color:#CAE6CA  
}
```

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 #CAE6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE6CA
}
```

## Border

The CSS property to change the border of an element to Hex CAE6CA 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
#CAE6CA }
```

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

```
.border{ border-color:#CAE6CA }
```

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

Here you see how a box with a 4 pixel #CAE6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE6CA; -webkit-box-shadow:4px 4px  
4px 4px #CAE6CA; box-shadow:4px 4px 4px  
4px #CAE6CA }
```

# Background

The CSS property to change the background color of an element to Hex CAE6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE6CA }
```

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

```
.background{ background-color:#CAE6CA }
```

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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