

# Converting Colors

Hex(CAE6E2)

Have a look what the booklet for  
Hex(CAE6E2) contains.

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# **Color**

**Hex(CAE6E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE6E2
RGB	202, 230, 226
RGB Percent	79%, 90%, 89%
CMY	0.2078, 0.0980, 0.1137
CMYK	0.12, 0.00, 0.02, 0.10
HSL	171°, 36%, 85%
HSV	171°, 12%, 90%
XYZ	66.3814, 74.6412, 82.8600
YIQ	221.1720, -15.4040, -7.1800

# Conversions

## Conversions Part 2

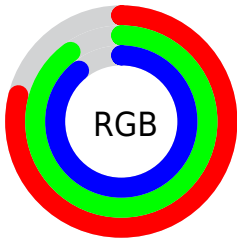
Format	Color
<a href="#">RYB</a>	<a href="#">202, 217, 230</a>
Decimal	<a href="#">13297378</a>
CIELab	<a href="#">89.22, -9.94, -1.17</a>
CIElCh	<a href="#">89, 10.009, 186.738</a>
Yxy	<a href="#">74.6412, 0.2965, 0.3334</a>
Android (android.graphics.Color)	<a href="#">4291487458</a> ( <a href="#">0xFFCAE6E2</a> )
YUV	<a href="#">221.1720, 2.3802, -16.8138</a>
Hunter-Lab	<a href="#">86.3951, -14.0416, 3.6126</a>

# Details

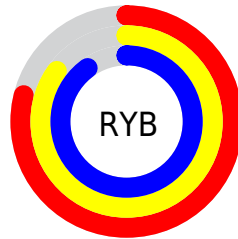
The Hex color **CAE6E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E6CACE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **94AEAB** is the 20% darker color. If you saturate the color by 10%, you get **B3E6DF**, and if you desaturate by 10%, it is **E1E6E5**.

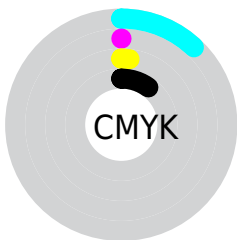
# Distribution



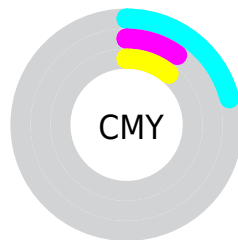
- Red (79%)
- Green (90%)
- Blue (89%)



- Red (79%)
- Yellow (85%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE6E2 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 CAE6E2 by changing the saturation by 10% instead.



■ CAE6E2

FFFFFF

■ CAE6E2

■ AECAC6

■ 94AEAB

■ 7A9490

■ 617A77

■ 49615E

■ 314946

■ 1B3330

■ 061E1B

■ 000000

 CAE6E2

 CAE6E2

 B3E6DF

 E1E6E5

 9CE6DB

 F8E6E9

 85E6D8

 FFE6EC

 6EE6D5

 FFE6EF

 57E6D2

 FFE6F2

 40E6CE

 FFE6F6

 29E6CB

 FFE6F9

 12E6C8

 FFE6FC

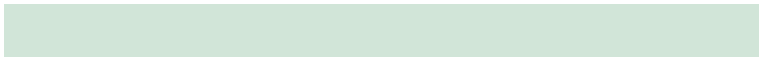
 00E6C5

 FFE6FF

# Harmonies

## Analogous

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



D1E5D8



CAE6E2



C9E5EB

# Triad

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



CAE6E2



E5DDEF



EFDDCF

# Complementary

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



CAE6E2



E6CACE

# 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.



F5DBD5



CAE6E2



EFD8E8

# Square

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



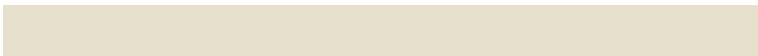
CAE6E2



D9E0F3



F4DADE



E6E0CD

# Rectangle

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



CAE6E2



CCE4F0



F4DADE



F2DCD1



# Sweetspot

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



CAE6E2



F5FFFE



CEE6CA



79807F



000000



808080



# Same Dimension

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



CAE6E2



D9FFFA



CADCE6



677371



00B399



00332C



# Inverse Universe

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



E6CACE



FFD9DE



E6D4CA



736769



B30019



330007



# Previews

## White Background



This preview shows how the Hex color CAE6E2 looks on a white background.

## Color Contrast Check

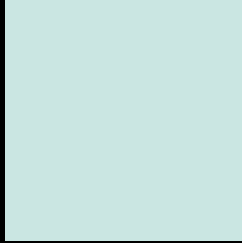
Large Text (above 18pt) WCAG AA × Fail

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 CAE6E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

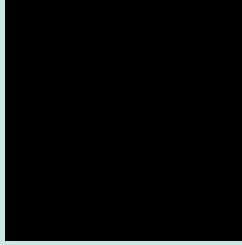
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

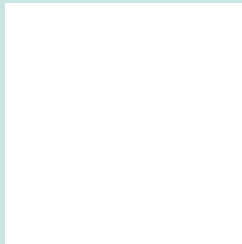
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE6E2 Background



This preview shows how black text looks on a background with the Hex color CAE6E2.

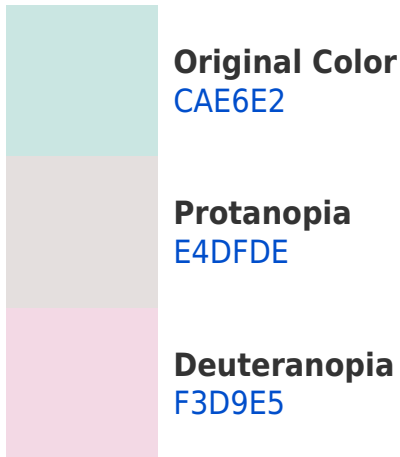


This preview shows how white text looks on a background with the Hex color CAE6E2.

# 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

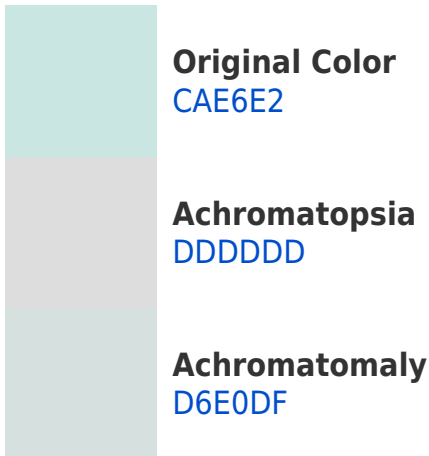




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE6E2 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 #CAE6E2 looks like.

```
.text, #text, p{  
    color:#CAE6E2  
}
```

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 #CAE6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE6E2
}
```

## Border

The CSS property to change the border of an element to Hex CAE6E2 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
#CAE6E2 }
```

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

```
.border{ border-color:#CAE6E2 }
```

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

Here you see how a box with a 4 pixel #CAE6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE6E2; -webkit-box-shadow:4px 4px  
4px 4px #CAE6E2; box-shadow:4px 4px 4px  
4px #CAE6E2 }
```

# Background

The CSS property to change the background color of an element to Hex CAE6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE6E2 }
```

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

```
.background{ background-color:#CAE6E2 }
```

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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