

# Converting Colors

Hex(CAE6D7)

Have a look what the booklet for  
Hex(CAE6D7) contains.

<b>Hex(CAE6D7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CAE6D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE6D7
RGB	202, 230, 215
RGB Percent	79%, 90%, 84%
CMY	0.2078, 0.0980, 0.1569
CMYK	0.12, 0.00, 0.07, 0.10
HSL	148°, 36%, 85%
HSV	148°, 12%, 90%
XYZ	64.9197, 74.0565, 75.1627
YIQ	219.9180, -11.8730, -10.6010

# Conversions

## Conversions Part 2

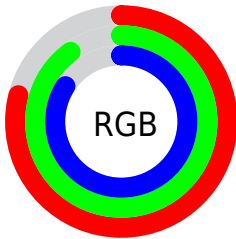
Format	Color
RYP	202, 221, 230
Decimal	13297367
CIELab	88.95, -12.03, 4.19
CIElCh	89, 12.741, 160.803
Yxy	74.0565, 0.3032, 0.3458
Android (android.graphics.Color)	4291487447 (0xFFCAE6D7)
YUV	219.9180, -2.4246, -15.7141
Hunter-Lab	86.0561, -15.9399, 8.4545

# Details

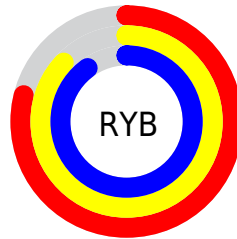
The Hex color **CAE6D7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E6CAD9**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **94AEA0** is the 20% darker color. If you saturate the color by 10%, you get **B3E6CB**, and if you desaturate by 10%, it is **E1E6E3**.

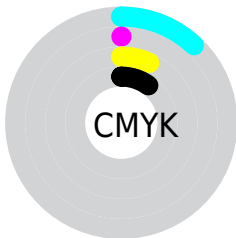
# Distribution



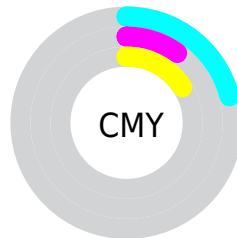
- Red (79%)
- Green (90%)
- Blue (84%)



- Red (79%)
- Yellow (87%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE6D7 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 CAE6D7 by changing the saturation by 10% instead.



■ CAE6D7

FFFFFF

■ CAE6D7

■ AFCABB

■ 94AEA0

■ 7A9486

■ 617A6D

■ 496155

■ 32493D

■ 1C3328

■ 061E13

■ 000000

 CAE6D7

 CAE6D7

 B3E6CB

 E1E6E3

 9CE6BE

 F8E6F0

 85E6B2

 FFE6FC

 6EE6A6

 FFE6FF

 57E699

 40E68D

 29E681

 12E674

 00E66B

# Harmonies

## Analogous

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



D7E4CD



CAE6D7



C2E7E3

# Triad

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



CAE6D7



D8DFF7



F8D9D0

# Complementary

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



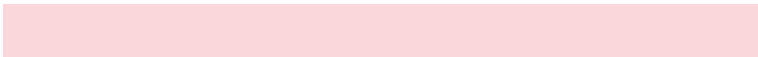
CAE6D7



E6CAD9

# 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.



F9D7DB



CAE6D7



E7DBF2

# Square

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



CAE6D7



CAE3F6



F3D8E8



F1DCC9

# Rectangle

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



CAE6D7



C1E6EB



F3D8E8



FAD8D3



# Sweetspot

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



CAE6D7



F5FFFA



D9E6CA



79807C



000000



808080

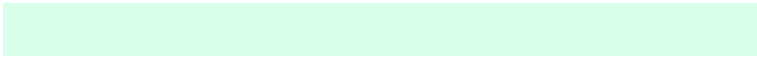


# Same Dimension

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



CAE6D7



D9FFEB



CAE6E5



67736D



00B353



003318



# Inverse Universe

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



E6CAD9



FFD9ED



E6CACB



73676D



B30060

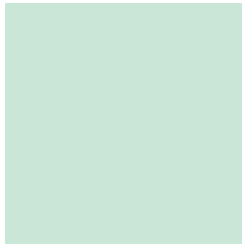


33001B



# Previews

## White Background



This preview shows how the Hex color CAE6D7 looks on a white background.

## Color Contrast Check

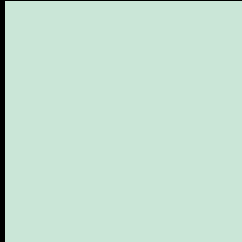
Large Text (above 18pt) WCAG AA × Fail

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 CAE6D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

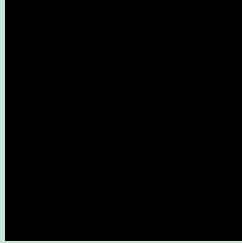
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

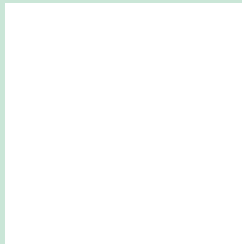
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE6D7 Background



This preview shows how black text looks on a background with the Hex color CAE6D7.

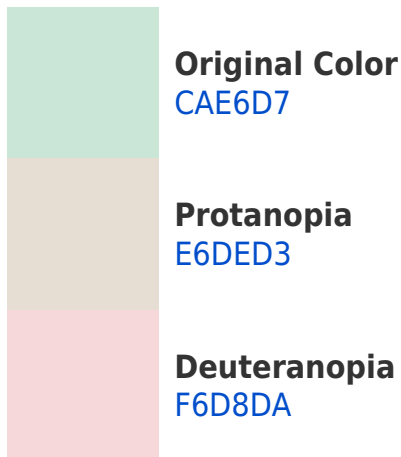


This preview shows how white text looks on a background with the Hex color CAE6D7.

# Color Blindness Simulation

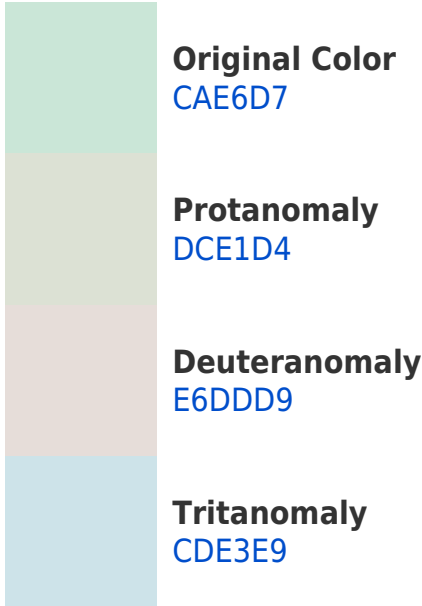
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

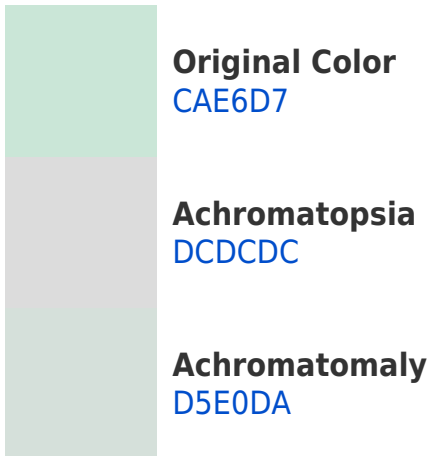




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE6D7 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 #CAE6D7 looks like.

```
.text, #text, p{  
    color:#CAE6D7  
}
```

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 #CAE6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE6D7
}
```

## Border

The CSS property to change the border of an element to Hex CAE6D7 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
#CAE6D7 }
```

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

```
.border{ border-color:#CAE6D7 }
```

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

Here you see how a box with a 4 pixel #CAE6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE6D7; -webkit-box-shadow:4px 4px  
4px 4px #CAE6D7; box-shadow:4px 4px 4px  
4px #CAE6D7 }
```

# Background

The CSS property to change the background color of an element to Hex CAE6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE6D7 }
```

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

```
.background{ background-color:#CAE6D7 }
```

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