

# Converting Colors

Hex(CAE0D8)

Have a look what the booklet for  
Hex(CAE0D8) contains.

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# **Color**

**Hex(CAE0D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE0D8
RGB	202, 224, 216
RGB Percent	79%, 88%, 85%
CMY	0.2078, 0.1216, 0.1529
CMYK	0.10, 0.00, 0.04, 0.12
HSL	158°, 26%, 84%
HSV	158°, 10%, 88%
XYZ	63.4074, 70.8257, 75.2946
YIQ	216.5100, -10.5440, -7.1520

# Conversions

## Conversions Part 2

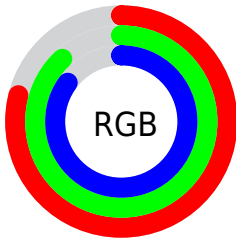
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 215, 224
Decimal	13295832
CIE Lab	87.40, -8.80, 1.42
CIE LCh	87, 8.915, 170.863
Yxy	70.8257, 0.3026, 0.3380
Android (android.graphics.Color)	4291485912 (0xFFCAE0D8)
YUV	216.5100, -0.2514, -12.7253
Hunter-Lab	84.1580, -12.7887, 5.8650

# Details

The Hex color **CAE0D8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0CAD2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **94A9A1** is the 20% darker color. If you saturate the color by 10%, you get **B4E0D0**, and if you desaturate by 10%, it is **E0E0E0**.

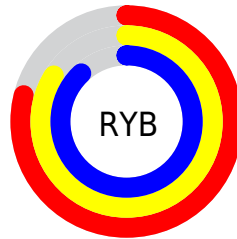
# Distribution



Red (79%)

Green (88%)

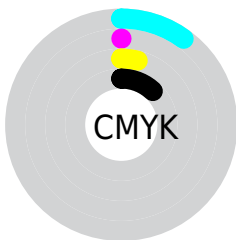
Blue (85%)



Red (79%)

Yellow (84%)

Blue (88%)

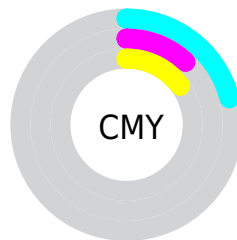


Cyan (10%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (21%)

Magenta (12%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE0D8 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 CAE0D8 by changing the saturation by 10% instead.



■ CAE0D8

FFFFFF

■ CAE0D8

■ AFC4BC

■ 94A9A1

■ 7A8E87

■ 61756E

■ 495C55

■ 32453E

■ 1D2E28

■ 061A14

■ 000000

 CAE0D8

 CAE0D8

 B4E0D0

 E0E0E0

 9DE0C8

 F7E0E8

 87E0C0

 FFE0F0

 70E0B7

 FFE0F9

 5AE0AF

 FFE0FF

 44E0A7

 2DE09F

 17E097

 00E08F

# Harmonies

## Analogous

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



D2DFD0



CAE0D8



C6E0E1

# Triad

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



CAE0D8



DADAEB



ECD7CE

# Complementary

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



CAE0D8



E0CAD2

# 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.



EED6D5



CAE0D8



E4D7E6

# Square

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



CAE0D8



D0DDEB



EBD6DE



E5DACA

# Rectangle

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



CAE0D8



C7DFE6



EBD6DE



EDD6D0



# Sweetspot

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



CAE0D8



F7FFFC



D2E0CA



7A807E



000000



808080

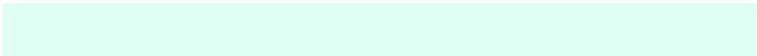


# Same Dimension

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



CAE0D8



E0FFF4



CADDE0



65706C



00B070



00301F



# Inverse Universe

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



E0CAD2



FFE0EC



E0CDCA



706569



B00040

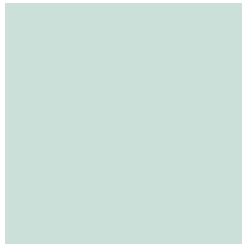


300012



# Previews

## White Background



This preview shows how the Hex color CAE0D8 looks on a white background.

## Color Contrast Check

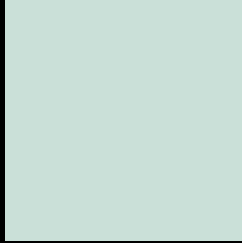
Large Text (above 18pt) WCAG AA × Fail

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 CAE0D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

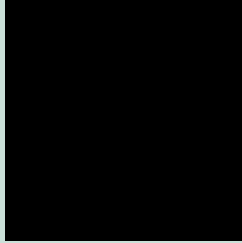
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

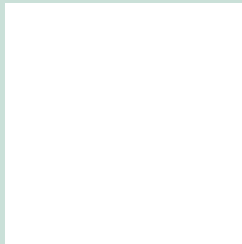
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE0D8 Background



This preview shows how black text looks on a background with the Hex color CAE0D8.

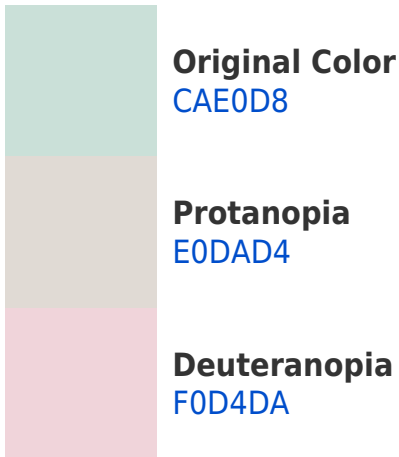


This preview shows how white text looks on a background with the Hex color CAE0D8.

# 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



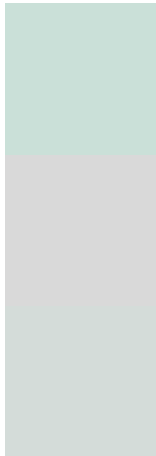
**Original Color**  
CAE0D8

**Protanomaly**  
D8DCD5

**Deuteranomaly**  
E2D8D9

**Tritanomaly**  
CDDEE6

# Monochromacy



**Original Color**  
CAE0D8

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D4DCD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE0D8 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 #CAE0D8 looks like.

```
.text, #text, p{  
    color:#CAE0D8  
}
```

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 #CAE0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE0D8  
}
```

## Border

The CSS property to change the border of an element to Hex CAE0D8 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  
#CAE0D8 }
```

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

```
.border{ border-color:#CAE0D8 }
```

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

Here you see how a box with a 4 pixel #CAE0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE0D8; -webkit-box-shadow:4px 4px  
4px 4px #CAE0D8; box-shadow:4px 4px 4px  
4px #CAE0D8 }
```

# Background

The CSS property to change the background color of an element to Hex CAE0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE0D8 }
```

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

```
.background{ background-color:#CAE0D8 }
```

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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