

# Converting Colors

Hex(C0E2AA)

Have a look what the booklet for  
Hex(C0E2AA) contains.

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# **Color**

**Hex(C0E2AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E2AA
RGB	192, 226, 170
RGB Percent	75%, 89%, 67%
CMY	0.2471, 0.1137, 0.3333
CMYK	0.15, 0.00, 0.25, 0.11
HSL	96°, 49%, 78%
HSV	96°, 25%, 89%
XYZ	56.1903, 68.5015, 48.2908
YIQ	209.4500, -2.2880, -24.6240

# Conversions

## Conversions Part 2

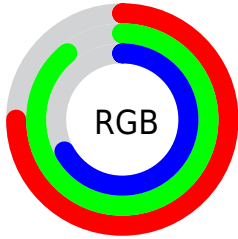
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 226, 204
Decimal	12640938
CIELab	86.26, -21.12, 23.78
CIELCh	86, 31.807, 131.607
Yxy	68.5015, 0.3248, 0.3960
Android (android.graphics.Color)	4290831018 (0xFFC0E2AA)
YUV	209.4500, -19.4488, -15.3036
Hunter-Lab	82.7656, -23.6546, 23.3423

# Details

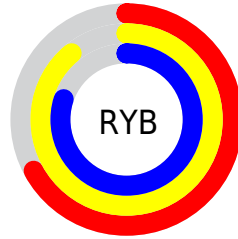
The Hex color **C0E2AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CCAEE2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F9FFE2**, and **8AAB76** is the 20% darker color. If you saturate the color by 10%, you get **B2E293**, and if you desaturate by 10%, it is **CEE2C1**.

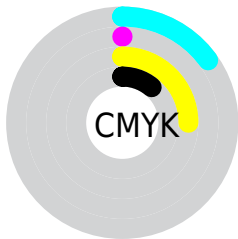
# Distribution



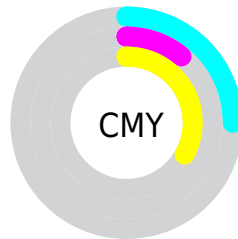
- Red (75%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E2AA 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 C0E2AA by changing the saturation by 10% instead.



 C0E2AA

 C0E2AA

FFFFFF

 A5C68F

 F9FFE2

 8AAB76

FFFFFFE

 70905D

 577645

 3F5D2E

 274618

 122F00

 001C00

 000000

 C0E2AA

 C0E2AA

 B2E293

 CEE2C1

 A5E27D

 DBE2D7

 97E266

 E9E2EE

 89E250

 F7E2FF

 7BE239

 FFE2FF

 6EE222

 60E20C

 59E200

# Harmonies

## Analogous

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



E2DA9D



C0E2AA



9EE7C4

# Triad

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



C0E2AA



99E0FF



FFC2CD

# Complementary

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



C0E2AA



CCAAE2

# 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.



FFC4EC



C0E2AA



C3D7FF

# Square

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



C0E2AA



7FE6FF



EBCCFE



FFC6B1

# Rectangle

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



C0E2AA



8AE9D8



EBCCFE



FFC2D7



# Sweetspot

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



C0E2AA



F4FFED



E2CCAA



798075



000000



808080

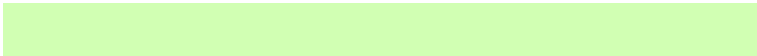


# Same Dimension

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



C0E2AA



D1FFB3



AAE2B0



697065



45B000



133000



# Inverse Universe

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



CCAAE2



E1B3FF



E2AADC



6C6570



6B00B0



1D0030



# Previews

## White Background



This preview shows how the Hex color C0E2AA looks on a white background.

## Color Contrast Check

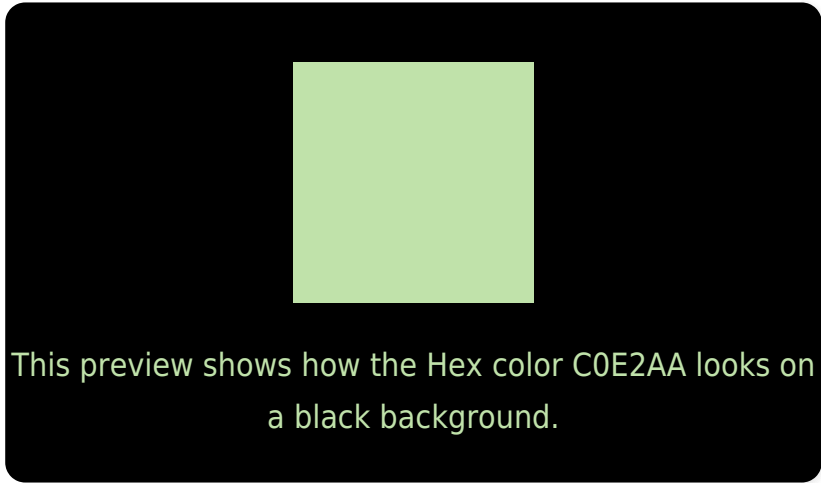
Large Text (above 18pt) WCAG AA × Fail

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

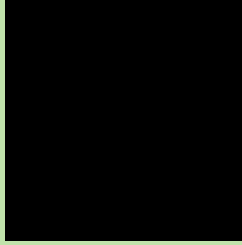
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0E2AA Background



This preview shows how black text looks on a background with the Hex color C0E2AA.

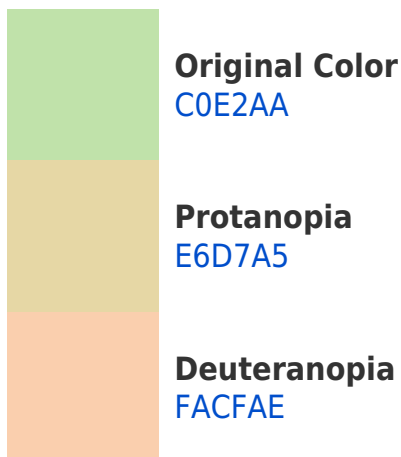


This preview shows how white text looks on a background with the Hex color C0E2AA.

# Color Blindness Simulation

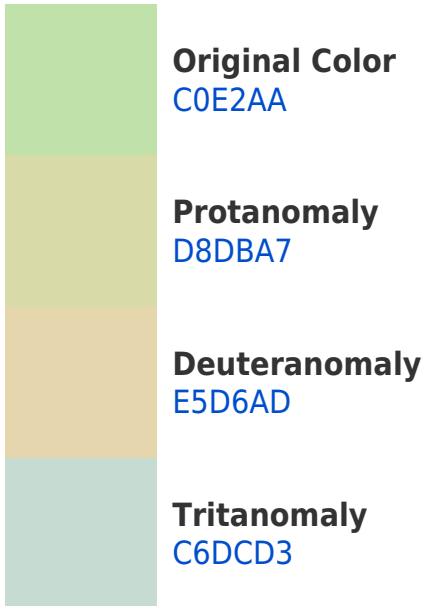
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

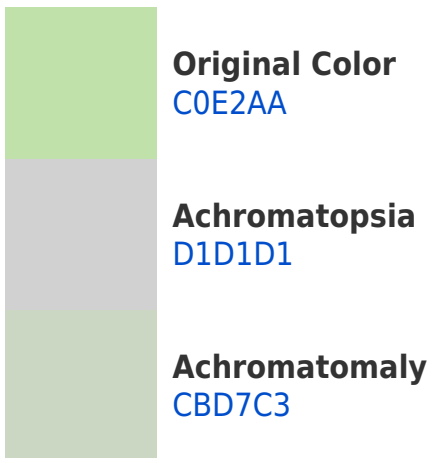




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E2AA 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 #C0E2AA looks like.

```
.text, #text, p{  
    color:#C0E2AA  
}
```

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 #C0E2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E2AA
}
```

## Border

The CSS property to change the border of an element to Hex C0E2AA 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
#C0E2AA }
```

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

```
.border{ border-color:#C0E2AA }
```

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

Here you see how a box with a 4 pixel #C0E2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E2AA; -webkit-box-shadow:4px 4px  
4px 4px #C0E2AA; box-shadow:4px 4px 4px  
4px #C0E2AA }
```

# Background

The CSS property to change the background color of an element to Hex C0E2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E2AA }
```

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

```
.background{ background-color:#C0E2AA }
```

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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