

Converting Colors

Hex(C0E1AA)

Have a look what the booklet for
Hex(C0E1AA) contains.

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Color

Hex(C0E1AA)

Conversions

Conversions Part 1

Format	Color
Hex	C0E1AA
RGB	192, 225, 170
RGB Percent	75%, 88%, 67%
CMY	0.2471, 0.1176, 0.3333
CMYK	0.15, 0.00, 0.24, 0.12
HSL	96°, 48%, 77%
HSV	96°, 24%, 88%
XYZ	55.9191, 67.9592, 48.2004
YIQ	208.8630, -2.0130, -24.1010

Conversions

Conversions Part 2

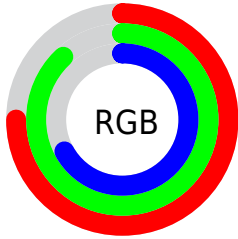
Format	Color
RYB	170, 225, 203
Decimal	12640682
CIELab	85.99, -20.63, 23.41
CIELCh	86, 31.204, 131.387
Yxy	67.9592, 0.3250, 0.3949
Android (android.graphics.Color)	4290830762 (0xFFC0E1AA)
YUV	208.8630, -19.1595, -14.7889
Hunter-Lab	82.4374, -23.1847, 23.0398

Details

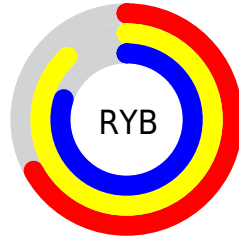
The Hex color **C0E1AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CBAAE1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F9FFE2**, and **8AAA76** is the 20% darker color. If you saturate the color by 10%, you get **B3E193**, and if you desaturate by 10%, it is **CEE1C1**.

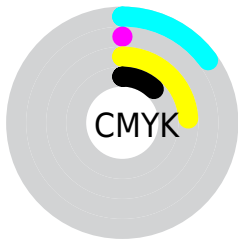
Distribution



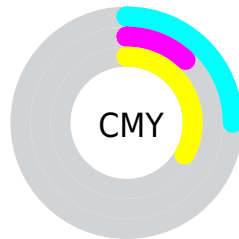
- Red (75%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (25%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E1AA 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 C0E1AA by changing the saturation by 10% instead.

 C0E1AA

 C0E1AA

FFFFFF

 A5C58F

 F9FFE2

 8AAA76

FFFFFFE

 708F5D

 577545

 3F5D2E

 274518

 122E00

 001B00

 000000

 C0E1AA

 C0E1AA

 B3E193

 CEE1C1

 A5E17D

 DBE1D7

 98E167

 E8E1EE

 8AE150

 F6E1FF

 7DE139

 FFE1FF

 6FE123

 62E10D

 5AE100

Harmonies

Analogous

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



E1D99D



C0E1AA



9EE6C3

Triad

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



C0E1AA



9ADFFF



FFC2CD

Complementary

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



C0E1AA



CBAAE1

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.



FFC4EB



C0E1AA



C2D6FF

Square

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



C0E1AA



80E5FD



EACCFE



FFC6B1

Rectangle

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



C0E1AA



8BE8D7



EACCFE



FFC1D7

Sweetspot

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



C0E1AA



F4FFED



E1CBAA



798075



000000



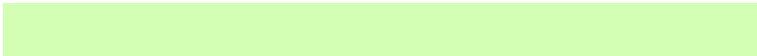
808080

Same Dimension

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



C0E1AA



D3FFB5



AAE1AF



697065



46B000



133000

Inverse Universe

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



CBAAE1



E1B5FF



E1AADC



6C6570



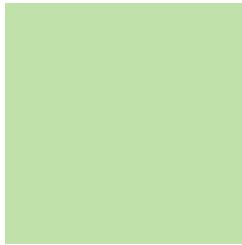
6A00B0



1D0030

Previews

White Background



This preview shows how the Hex color C0E1AA 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 C0E1AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

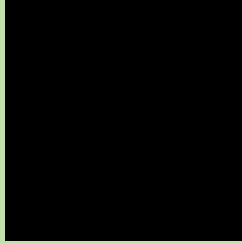
Any Text WCAG AA ✓ Pass

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 C0E1AA Background



This preview shows how black text looks on a background with the Hex color C0E1AA.

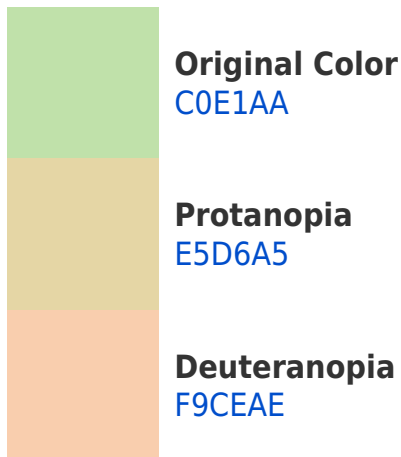


This preview shows how white text looks on a background with the Hex color C0E1AA.

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



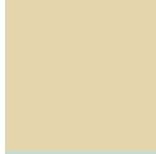
Trichromacy



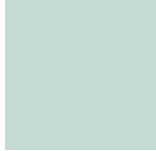
Original Color
C0E1AA



Protanomaly
D8DAA7



Deuteranomaly
E4D5AD

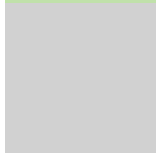


Tritanomaly
C6DCD3

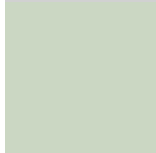
Monochromacy



Original Color
C0E1AA



Achromatopsia
D1D1D1



Achromatomaly
CBD7C3

CSS Examples

Text

The CSS property to change the color of the text to Hex C0E1AA 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 #C0E1AA looks like.

```
.text, #text, p{  
    color:#C0E1AA  
}
```

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 #C0E1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E1AA
}
```

Border

The CSS property to change the border of an element to Hex C0E1AA 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
#C0E1AA }
```

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

```
.border{ border-color:#C0E1AA }
```

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

Here you see how a box with a 4 pixel #C0E1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E1AA; -webkit-box-shadow:4px 4px  
4px 4px #C0E1AA; box-shadow:4px 4px 4px  
4px #C0E1AA }
```

Background

The CSS property to change the background color of an element to Hex C0E1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E1AA }
```

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

```
.background{ background-color:#C0E1AA }
```

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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