

Converting Colors

Hex(C1CA82)

Have a look what the booklet for
Hex(C1CA82) contains.

Hex(C1CA82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C1CA82)

Conversions

Conversions Part 1

Format	Color
Hex	C1CA82
RGB	193, 202, 130
RGB Percent	76%, 79%, 51%
CMY	0.2431, 0.2078, 0.4902
CMYK	0.04, 0.00, 0.36, 0.21
HSL	68°, 40%, 65%
HSV	68°, 36%, 79%
XYZ	47.1421, 55.1902, 29.2872
YIQ	191.1010, 17.7480, -24.3000

Conversions

Conversions Part 2

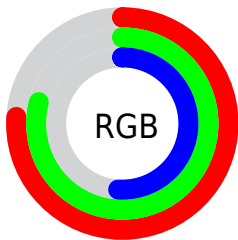
Format	Color
RYB	130, 202, 139
Decimal	12700290
CIELab	79.15, -14.35, 34.95
CIELCh	79, 37.780, 112.318
Yxy	55.1902, 0.3582, 0.4193
Android (android.graphics.Color)	4290890370 (0xFFC1CA82)
YUV	191.1010, -30.1228, 1.6654
Hunter-Lab	74.2901, -16.7374, 28.6293

Details

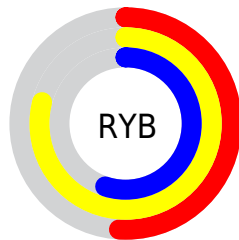
The Hex color **C1CA82** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8B82CA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FAFFB8**, and **8A944F** is the 20% darker color. If you saturate the color by 10%, you get **BECA6E**, and if you desaturate by 10%, it is **C4CA96**.

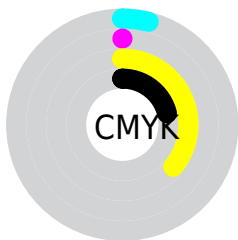
Distribution



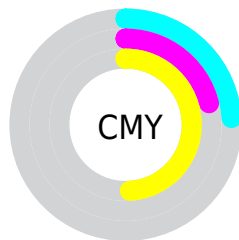
- Red (76%)
- Green (79%)
- Blue (51%)



- Red (51%)
- Yellow (79%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1CA82 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 C1CA82 by changing the saturation by 10% instead.



C1CA82



C1CA82

FFFFFF



A5AF68



FAFFB8



8A944F



FFFFD4



707A37



FFFFFF0



576120



3E4A06



283300



0D1E00



000000



C1CA82



C1CA82

 BECA6E

 C4CA96

 BCCA5A

 C6CAAA

 B9CA45

 C9CABF

 B7CA31

 CBCAD3

 B4CA1D

 CECAE7

 B2CA09

 D0CAFB

 B1CA00

 D3CAFF

 D5CAFF

 D8CAFF

Harmonies

Analogous

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



E4BF7E



C1CA82



98D298

Triad

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



C1CA82



52D3FB



FFAACF

Complementary

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



C1CA82



8B82CA

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.



E8B2EF



C1CA82



85CAFF

Square

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



C1CA82



4AD7DD



BCBEFF



FFABAB

Rectangle

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



C1CA82



7CD6AE



BCBEFF



FCACDA

Sweetspot

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



C1CA82



FBFFE3



CA8A82



7D806F



000000



808080

Same Dimension

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



C1CA82



F1FF91



9ECA82



65665C



91A600



212600

Inverse Universe

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



8B82CA



9F91FF



AE82CA



5D5C66



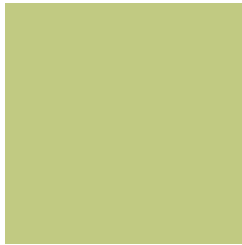
1500A6



050026

Previews

White Background



This preview shows how the Hex color C1CA82 looks on a white background.

Color Contrast Check

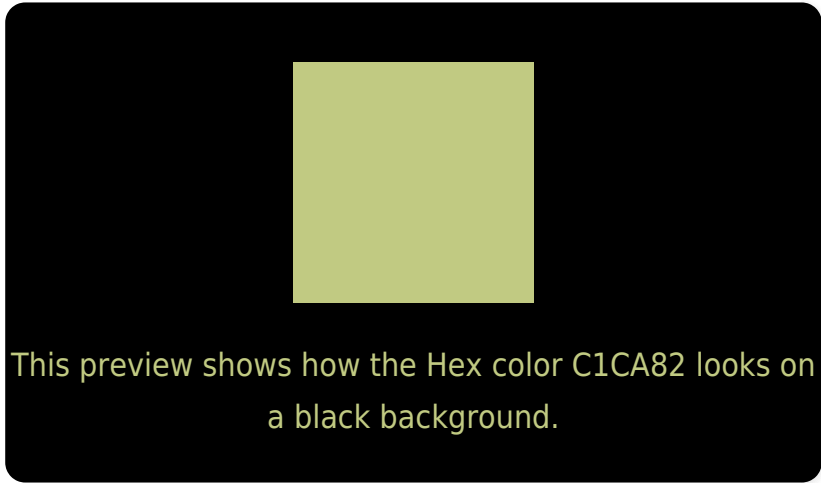
Large Text (above 18pt) WCAG AA × Fail

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

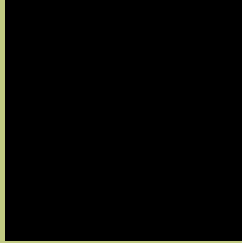
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

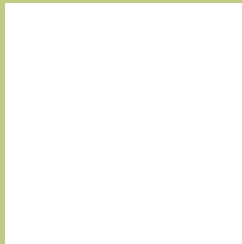
Any Text WCAG AAA ✓ Pass

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

Hex C1CA82 Background



This preview shows how black text looks on a background with the Hex color C1CA82.

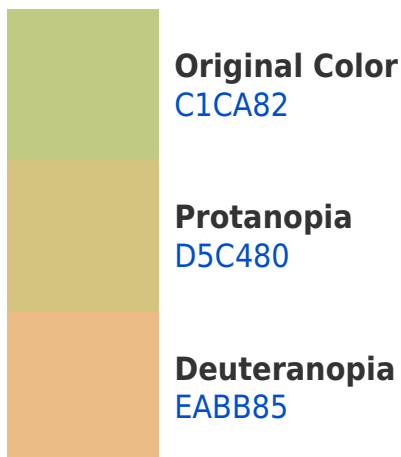


This preview shows how white text looks on a background with the Hex color C1CA82.

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](#).

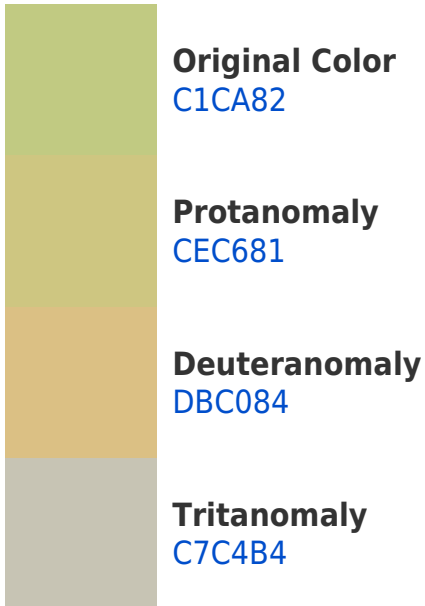
Dichromacy



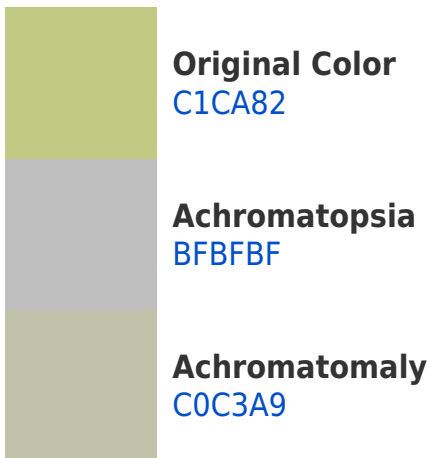


Tritanopia
CBC0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1CA82 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 #C1CA82 looks like.

```
.text, #text, p{  
    color:#C1CA82  
}
```

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 #C1CA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1CA82
}
```

Border

The CSS property to change the border of an element to Hex C1CA82 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
#C1CA82 }
```

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

```
.border{ border-color:#C1CA82 }
```

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

Here you see how a box with a 4 pixel #C1CA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1CA82; -webkit-box-shadow:4px 4px  
4px 4px #C1CA82; box-shadow:4px 4px 4px  
4px #C1CA82 }
```

Background

The CSS property to change the background color of an element to Hex C1CA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1CA82 }
```

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

```
.background{ background-color:#C1CA82 }
```

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