

Converting Colors

Hex(C4CA91)

Have a look what the booklet for
Hex(C4CA91) contains.

Hex(C4CA91)	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(C4CA91)

Conversions

Conversions Part 1

Format	Color
Hex	C4CA91
RGB	196, 202, 145
RGB Percent	77%, 79%, 57%
CMY	0.2314, 0.2078, 0.4314
CMYK	0.03, 0.00, 0.28, 0.21
HSL	66°, 35%, 68%
HSV	66°, 28%, 79%
XYZ	48.9963, 56.0212, 35.0188
YIQ	193.7080, 14.7210, -18.9990

Conversions

Conversions Part 2

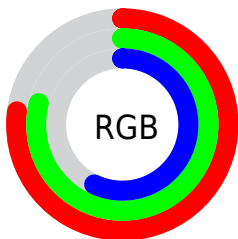
Format	Color
R _{YB}	145, 202, 151
Decimal	12896913
CIE _{Lab}	79.63, -11.27, 27.84
CIE _{LCh}	80, 30.039, 112.040
Yxy	56.0212, 0.3499, 0.4000
Android (android.graphics.Color)	4291086993 (0xFFC4CA91)
YUV	193.7080, -24.0130, 2.0101
Hunter-Lab	74.8473, -14.1336, 24.6530

Details

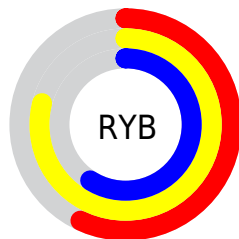
The Hex color **C4CA91** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9791CA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FDFFC7**, and **8E945E** is the 20% darker color. If you saturate the color by 10%, you get **C2CA7D**, and if you desaturate by 10%, it is **C6CAA5**.

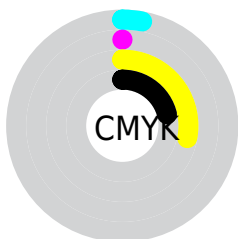
Distribution



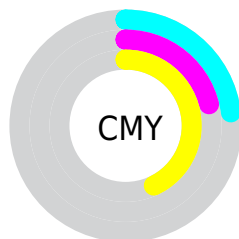
- Red (77%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4CA91 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 C4CA91 by changing the saturation by 10% instead.



C4CA91



C4CA91

FFFFFF



A8AF77



FDFFC7



8E945E



FFFFE3



747A46



5A612F



424A18



2B3300



151E00



000000



C4CA91



C4CA91

 C2CA7D

 C6CAA5

 C0CA69

 C8CAB9

 BECA54

 CACACE

 BBKA40

 CDCAE2

 B9CA2C

 CFCAF6

 B7CA18

 D1CAFF

 B5CA04

 D3CAFF

 B5CA00

 D5CAFF

 D7CAFF

Harmonies

Analogous

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



E1C18E



C4CA91



A4D1A2

Triad

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



C4CA91



78D1F1



F8B1CE

Complementary

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



C4CA91



9791CA

Split Complementary

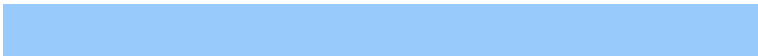
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2B7E8



C4CA91



98CAFC

Square

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



C4CA91



72D5D9



C0C1F9



FEB2B2

Rectangle

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



C4CA91



8FD4B3



C0C1F9



F2B3D7

Sweetspot

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



C4CA91



FDFFE8



CA9791



7E8073



000000



808080

Same Dimension

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



C4CA91



F6FFA8



A8CA91



65665C



94A600



222600

Inverse Universe

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



9791CA



B1A8FF



B391CA



5D5C66



1100A6



040026

Previews

White Background



This preview shows how the Hex color C4CA91 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 C4CA91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

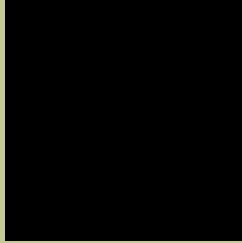
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

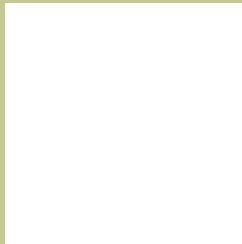
Any Text WCAG AAA ✓ Pass

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

Hex C4CA91 Background



This preview shows how black text looks on a background with the Hex color C4CA91.

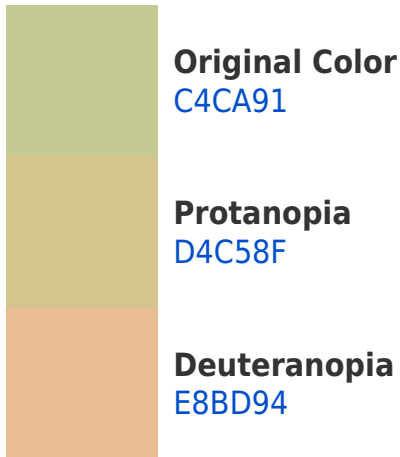


This preview shows how white text looks on a background with the Hex color C4CA91.

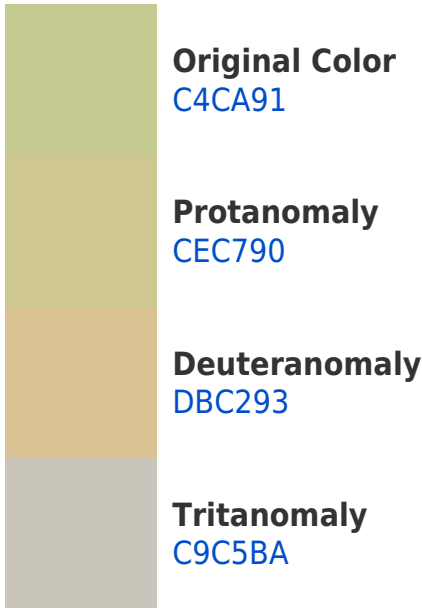
Color Blindness Simulation

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](#).

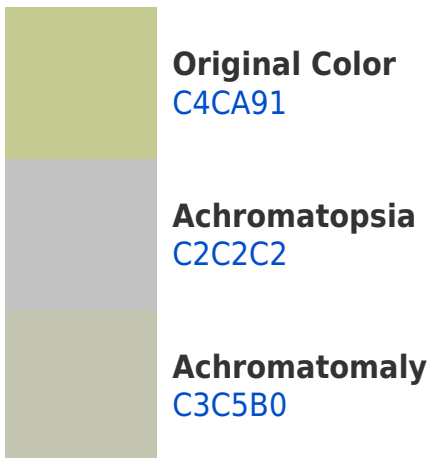
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4CA91 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 #C4CA91 looks like.

```
.text, #text, p{  
    color:#C4CA91  
}
```

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 #C4CA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CA91
}
```

Border

The CSS property to change the border of an element to Hex C4CA91 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
#C4CA91 }
```

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

```
.border{ border-color:#C4CA91 }
```

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

Here you see how a box with a 4 pixel #C4CA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CA91; -webkit-box-shadow:4px 4px  
4px 4px #C4CA91; box-shadow:4px 4px 4px  
4px #C4CA91 }
```

Background

The CSS property to change the background color of an element to Hex C4CA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CA91 }
```

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

```
.background{ background-color:#C4CA91 }
```

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