

Converting Colors

Hex(C8DA9E)

Have a look what the booklet for
Hex(C8DA9E) contains.

Hex(C8DA9E)	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(C8DA9E)

Conversions

Conversions Part 1

Format	Color
Hex	C8DA9E
RGB	200, 218, 158
RGB Percent	78%, 85%, 62%
CMY	0.2157, 0.1451, 0.3804
CMYK	0.08, 0.00, 0.28, 0.15
HSL	78°, 45%, 74%
HSV	78°, 28%, 85%
XYZ	55.0624, 64.8908, 41.9708
YIQ	205.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

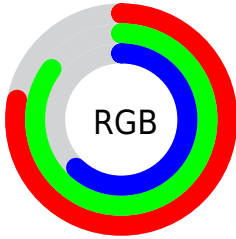
Format	Color
RYB	158, 218, 176
Decimal	13163166
CIELab	84.43, -16.06, 27.60
CIELCh	84, 31.931, 120.202
Yxy	64.8908, 0.3401, 0.4007
Android (android.graphics.Color)	4291353246 (0xFFC8DA9E)
YUV	205.7780, -23.5546, -5.0673
Hunter-Lab	80.5548, -18.9592, 25.4970

Details

The Hex color **C8DA9E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B09EDA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFD5**, and **91A36A** is the 20% darker color. If you saturate the color by 10%, you get **C1DA88**, and if you desaturate by 10%, it is **CFDAB4**.

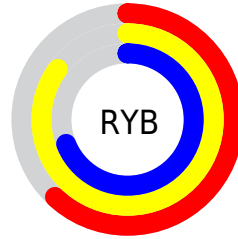
Distribution



Red (78%)

Green (85%)

Blue (62%)



Red (62%)

Yellow (85%)

Blue (69%)

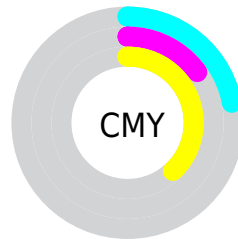


Cyan (8%)

Magenta (0%)

Yellow (28%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8DA9E 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 C8DA9E by changing the saturation by 10% instead.

 C8DA9E

 C8DA9E

FFFFFF

 ACBE84

 FFFFD5

 91A36A

 FFFFF1

 778951

 5E6F3A

 465723

 2E400C

 192900

 001700

 000000

 C8DA9E

 C8DA9E

 C1DA88

 CFDAB4

 BBDA72

 D5DACA

 B4DA5D

 DCDADF

 AEDA47

 E2DAF5

 A7DA31

 E9DAFF

 A1DA1B

 EFDAFF

 9ADA05

 F6DAFF

 99DA00

 FCDAFF

 FFDAFF

Harmonies

Analogous

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



E8D196



C8DA9E



A5E1B4

Triad

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



C8DA9E



86DEFF



FFBDD4

Complementary

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



C8DA9E



B09EDA

Split Complementary

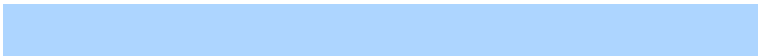
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAC1F1



C8DA9E



ADD5FF

Square

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



C8DA9E



77E3F0



D7CBFF



FFBFB6

Rectangle

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



C8DA9E



8FE3C7



D7CBFF



FFBDDE

Sweetspot

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



C8DA9E



F9FFEB



DAB09E



7C8073



000000



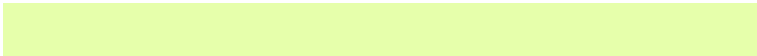
808080

Same Dimension

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



C8DA9E



E6FFAB



ABDA9E



6A6E63



79AD00



202E00

Inverse Universe

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



B09EDA



C4ABFF



CE9EDA



66636E



3400AD



0E002E

Previews

White Background



This preview shows how the Hex color C8DA9E looks on a white background.

Color Contrast Check

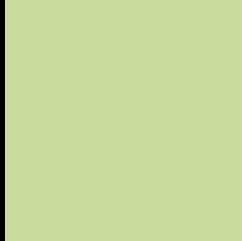
Large Text (above 18pt) WCAG AA × Fail

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 C8DA9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

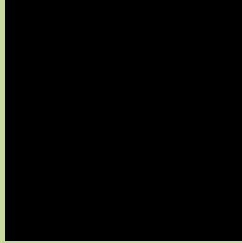
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

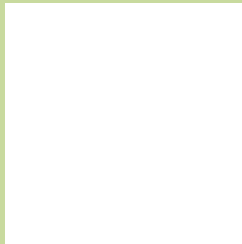
Any Text WCAG AAA ✓ Pass

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

Hex C8DA9E Background



This preview shows how black text looks on a background with the Hex color C8DA9E.

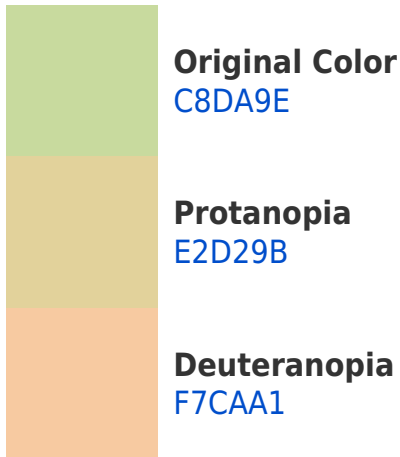


This preview shows how white text looks on a background with the Hex color C8DA9E.

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](#).

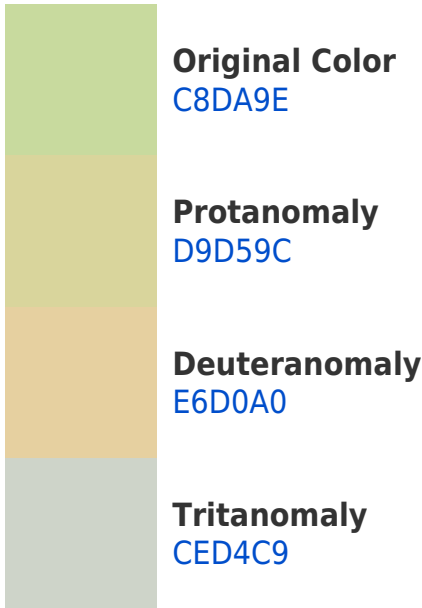
Dichromacy



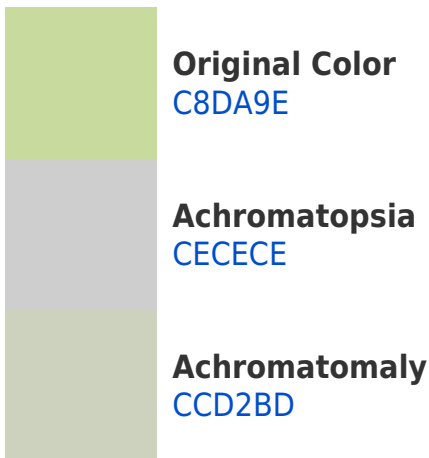


Tritanopia
D1D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8DA9E 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 #C8DA9E looks like.

```
.text, #text, p{  
    color:#C8DA9E  
}
```

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 #C8DA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8DA9E
}
```

Border

The CSS property to change the border of an element to Hex C8DA9E 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
#C8DA9E }
```

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

```
.border{ border-color:#C8DA9E }
```

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

Here you see how a box with a 4 pixel #C8DA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8DA9E; -webkit-box-shadow:4px 4px  
4px 4px #C8DA9E; box-shadow:4px 4px 4px  
4px #C8DA9E }
```

Background

The CSS property to change the background color of an element to Hex C8DA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8DA9E }
```

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

```
.background{ background-color:#C8DA9E }
```

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