

Converting Colors

Hex(C2D3AA)

Have a look what the booklet for
Hex(C2D3AA) contains.

Hex(C2D3AA)	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(C2D3AA)

Conversions

Conversions Part 1

Format	Color
Hex	C2D3AA
RGB	194, 211, 170
RGB Percent	76%, 83%, 67%
CMY	0.2392, 0.1725, 0.3333
CMYK	0.08, 0.00, 0.19, 0.17
HSL	85°, 32%, 75%
HSV	85°, 19%, 83%
XYZ	52.7981, 60.9601, 47.0139
YIQ	201.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

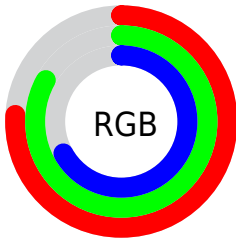
Format	Color
RYB	170, 211, 187
Decimal	12768170
CIELab	82.36, -12.93, 18.42
CIELCh	82, 22.504, 125.080
Yxy	60.9601, 0.3284, 0.3792
Android (android.graphics.Color)	4290958250 (0xFFC2D3AA)
YUV	201.2430, -15.4028, -6.3521
Hunter-Lab	78.0770, -15.9274, 18.9525

Details

The Hex color **C2D3AA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BBAAD3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FBFFE1**, and **8C9C76** is the 20% darker color. If you saturate the color by 10%, you get **B9D395**, and if you desaturate by 10%, it is **CBD3BF**.

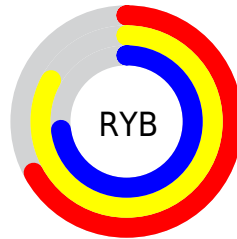
Distribution



Red (76%)

Green (83%)

Blue (67%)



Red (67%)

Yellow (83%)

Blue (73%)

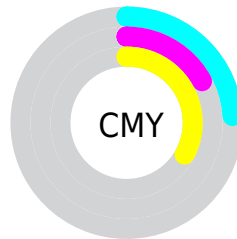


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (17%)



Cyan (24%)

Magenta (17%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2D3AA 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 C2D3AA by changing the saturation by 10% instead.

 C2D3AA

 C2D3AA

FFFFFF

 A7B78F

 FBFFE1

 8C9C76

FFFFFFE


 72825D

 5A6945

 42512E

 2B3A19

 172400

 000F00

 000000

 C2D3AA

 C2D3AA

 B9D395

 CBD3BF

 B1D380

 D3D3D4

 A8D36B

 DCD3E9

 9FD356

 E5D3FE

 96D341

 EED3FF

 8ED32B

 F6D3FF

 85D316

 FFD3FF

 7CD301

 7CD300

Harmonies

Analogous

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



DACDA3



C2D3AA



AAD7BA

Triad

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



C2D3AA



A0D4F3



F8BECA

Complementary

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



C2D3AA



BBAAD3

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.



ECC0DF



C2D3AA



B9CEF7

Square

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



C2D3AA



93D8E4



D5C6EF



F8C0B6

Rectangle

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



C2D3AA



9DD9C9



D5C6EF



F5BED1

Sweetspot

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



C2D3AA



F9FFF0



D3BAAA



7C8077



000000



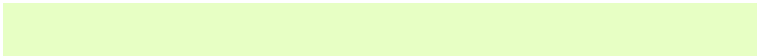
808080

Same Dimension

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



C2D3AA



E7FFC4



AED3AA



64695E



63A800



182900

Inverse Universe

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



BBAAD3



DDC4FF



CFAAD3



625E69



4600A8



110029

Previews

White Background



This preview shows how the Hex color C2D3AA 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 C2D3AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

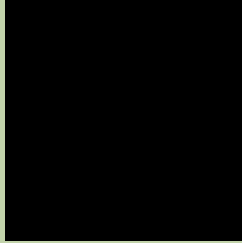
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

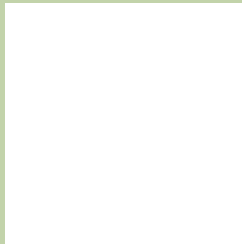
Any Text WCAG AAA ✓ Pass

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

Hex C2D3AA Background



This preview shows how black text looks on a background with the Hex color C2D3AA.

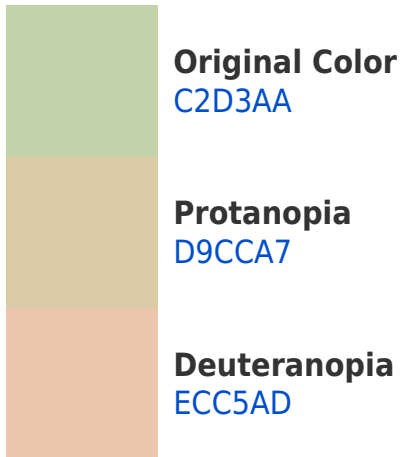


This preview shows how white text looks on a background with the Hex color C2D3AA.

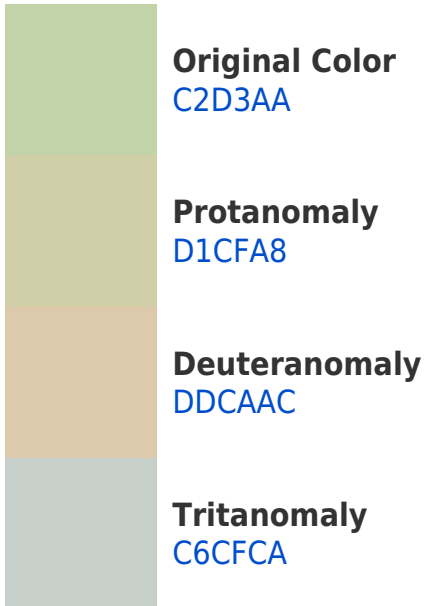
Color Blindness Simulation

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](#).

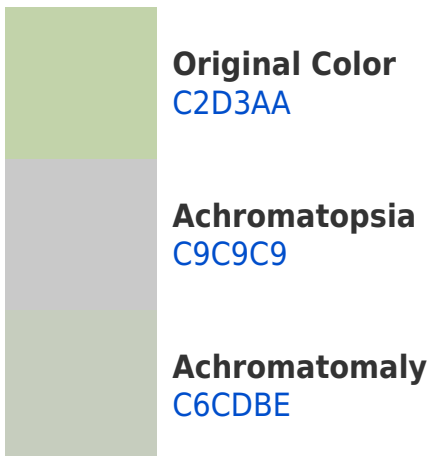
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2D3AA 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 #C2D3AA looks like.

```
.text, #text, p{  
    color:#C2D3AA  
}
```

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 #C2D3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D3AA
}
```

Border

The CSS property to change the border of an element to Hex C2D3AA 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
#C2D3AA }
```

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

```
.border{ border-color:#C2D3AA }
```

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

Here you see how a box with a 4 pixel #C2D3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D3AA; -webkit-box-shadow:4px 4px  
4px 4px #C2D3AA; box-shadow:4px 4px 4px  
4px #C2D3AA }
```

Background

The CSS property to change the background color of an element to Hex C2D3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D3AA }
```

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

```
.background{ background-color:#C2D3AA }
```

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