

# Converting Colors

Hex(C6D2AA)

Have a look what the booklet for  
Hex(C6D2AA) contains.

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# **Color**

**Hex(C6D2AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D2AA
RGB	198, 210, 170
RGB Percent	78%, 82%, 67%
CMY	0.2235, 0.1765, 0.3333
CMYK	0.06, 0.00, 0.19, 0.18
HSL	78°, 31%, 75%
HSV	78°, 19%, 82%
XYZ	53.5910, 61.0012, 46.9801
YIQ	201.8520, 5.6880, -14.9840

# Conversions

## Conversions Part 2

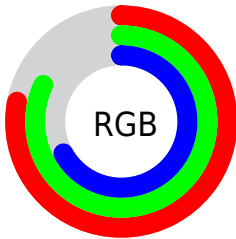
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 210, 182
Decimal	13030058
CIELab	82.38, -10.98, 18.49
CIElCh	82, 21.506, 120.706
Yxy	61.0012, 0.3317, 0.3775
Android (android.graphics.Color)	4291220138 (0xFFC6D2AA)
YUV	201.8520, -15.7030, -3.3782
Hunter-Lab	78.1033, -14.2020, 19.0086

# Details

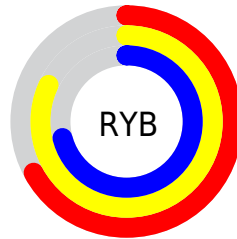
The Hex color **C6D2AA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B6AAD2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFE1**, and **909C76** is the 20% darker color. If you saturate the color by 10%, you get **C0D295**, and if you desaturate by 10%, it is **CCD2BF**.

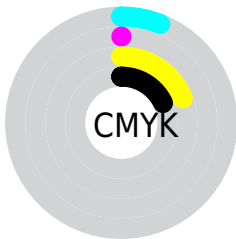
# Distribution



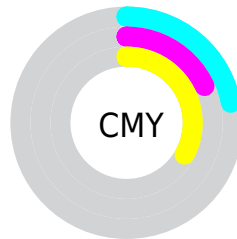
- Red (78%)
- Green (82%)
- Blue (67%)



- Red (67%)
- Yellow (82%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6D2AA 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 C6D2AA by changing the saturation by 10% instead.



 C6D2AA

FFFFFF

 FFFFE1

FFFFFFE

 C6D2AA

 ABB68F

 909C76

 76825D

 5D6845

 45502E

 2E3919

 1A2400

 000F00

 000000

 C6D2AA

 C6D2AA

 C0D295

 CCD2BF

 B9D280

 D3D2D4

 B3D26B

 D9D2E9

 ADD256

 DFD2FE

 A7D241

 E5D2FF

 A0D22C

 ECD2FF

 9AD217

 F2D2FF

 94D202

 F8D2FF

 93D200

 FFD2FF

# Harmonies

## Analogous

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



DCCA5



C6D2AA



AFD7B9

# Triad

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



C6D2AA



A0D4EF



F5BFCD

# Complementary

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



C6D2AA



B6AAD2

# 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.



E8C2E1



C6D2AA



B7CFF5

# Square

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



C6D2AA



96D8E1



D1C8F0



F7C0B9

# Rectangle

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



C6D2AA



A2D8C6



D1C8F0



F2BFD4



# Sweetspot

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



C6D2AA



FAFFF0



D2B6AA



7D8077



000000



808080

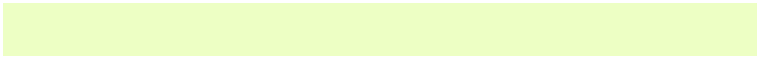


# Same Dimension

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



C6D2AA



EDFFC4



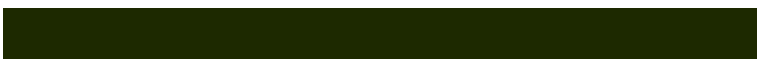
B3D2AA



65695E



76A800



1D2900



# Inverse Universe

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



B6AAD2



D6C4FF



CAAAD2



615E69



3200A8

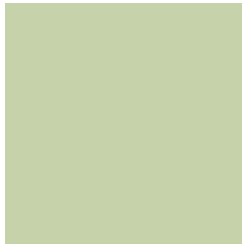


0C0029



# Previews

## White Background



This preview shows how the Hex color C6D2AA 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 C6D2AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

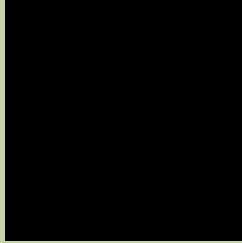
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

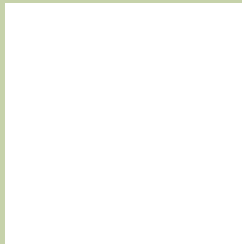
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6D2AA Background



This preview shows how black text looks on a background with the Hex color C6D2AA.

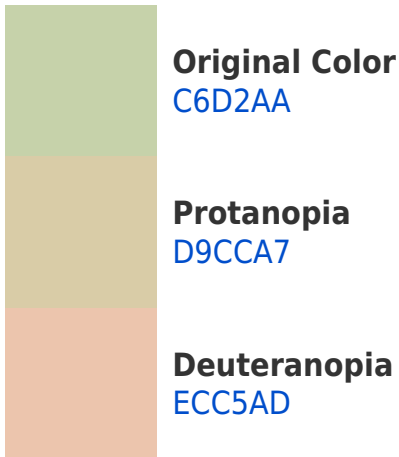


This preview shows how white text looks on a background with the Hex color C6D2AA.

# Color Blindness Simulation

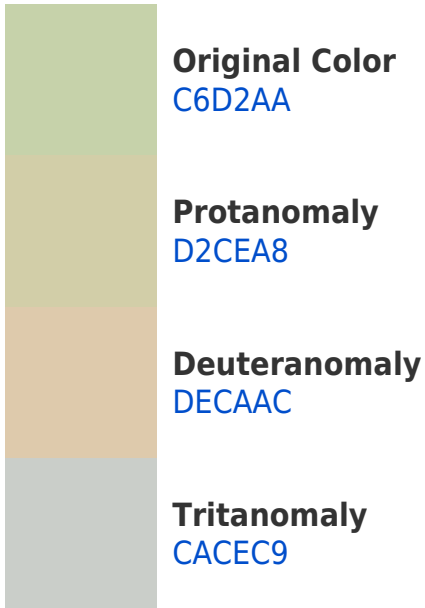
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

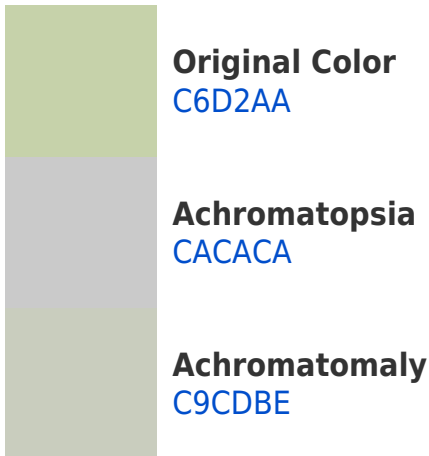




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6D2AA 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 #C6D2AA looks like.

```
.text, #text, p{  
    color:#C6D2AA  
}
```

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 #C6D2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D2AA
}
```

## Border

The CSS property to change the border of an element to Hex C6D2AA 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
#C6D2AA }
```

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

```
.border{ border-color:#C6D2AA }
```

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

Here you see how a box with a 4 pixel #C6D2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D2AA; -webkit-box-shadow:4px 4px  
4px 4px #C6D2AA; box-shadow:4px 4px 4px  
4px #C6D2AA }
```

# Background

The CSS property to change the background color of an element to Hex C6D2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D2AA }
```

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

```
.background{ background-color:#C6D2AA }
```

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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