

# Converting Colors

Hex(C9D6A6)

Have a look what the booklet for  
Hex(C9D6A6) contains.

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# **Color**

**Hex(C9D6A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D6A6
RGB	201, 214, 166
RGB Percent	79%, 84%, 65%
CMY	0.2118, 0.1608, 0.3490
CMYK	0.06, 0.00, 0.22, 0.16
HSL	76°, 37%, 75%
HSV	76°, 22%, 84%
XYZ	55.0169, 63.2638, 45.3878
YIQ	204.6410, 7.6600, -17.6840

# Conversions

## Conversions Part 2

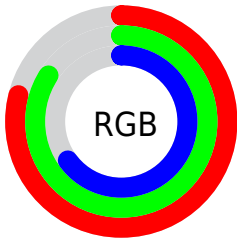
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 214, 179
Decimal	13227686
CIELab	83.58, -12.53, 22.29
CIELCh	84, 25.569, 119.341
Yxy	63.2638, 0.3361, 0.3865
Android (android.graphics.Color)	4291417766 (0xFFC9D6A6)
YUV	204.6410, -19.0500, -3.1932
Hunter-Lab	79.5386, -15.7238, 21.8438

# Details

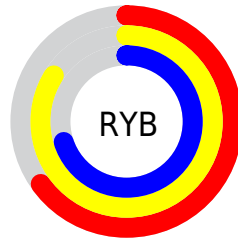
The Hex color **C9D6A6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B3A6D6**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFDD**, and **939F72** is the 20% darker color. If you saturate the color by 10%, you get **C3D691**, and if you desaturate by 10%, it is **CFD6BB**.

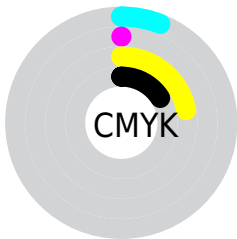
# Distribution



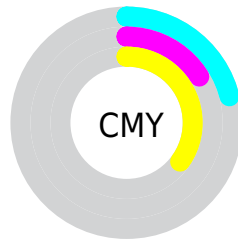
- Red (79%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9D6A6 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 C9D6A6 by changing the saturation by 10% instead.



 C9D6A6

FFFFFF

 FFFFDD

 FFFFFA

 C9D6A6

 ADBA8C

 939F72

 798559

 5F6C41

 47542B

 303D15

 1C2700

 001300

 000000

 C9D6A6

 C9D6A6

 C3D691

 CFD6BB

 BDD67B

 D5D6D1

 B8D666

 DAD6E6

 B2D650

 E0D6FC

 ACD63B

 E6D6FF

 A6D626

 ECD6FF

 A0D610

 F2D6FF

 9CD600

 F7D6FF

 FDD6FF

# Harmonies

## Analogous

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



E3CEA0



C9D6A6



AEDBB7

# Triad

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



C9D6A6



97D9F9



FFBFD2

# Complementary

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



C9D6A6



B3A6D6

# Split Complementary

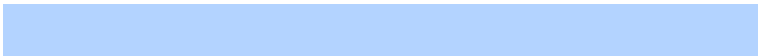
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFC3E9



C9D6A6



B3D3FF

# Square

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



C9D6A6



8CDDE7



D4CAFA



FFC1BA

# Rectangle

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



C9D6A6



9DDEC7



D4CAFA



FBC0DA



# Sweetspot

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



C9D6A6



FAFFED



D6B3A6



7D8075



000000



808080

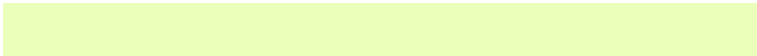


# Same Dimension

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



C9D6A6



ECFFBA



B1D6A6



686B60



7DAB00



202B00



# Inverse Universe

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



B3A6D6



CDBAFF



CBA6D6



63606B



2E00AB

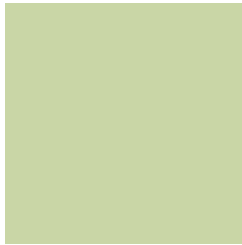


0C002B



# Previews

## White Background



This preview shows how the Hex color C9D6A6 looks on a white background.

## Color Contrast Check

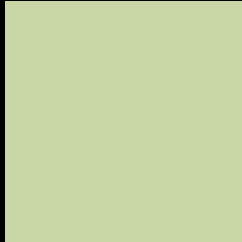
Large Text (above 18pt) WCAG AA × Fail

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 C9D6A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

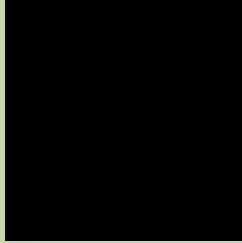
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

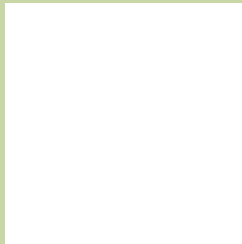
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9D6A6 Background



This preview shows how black text looks on a background with the Hex color C9D6A6.

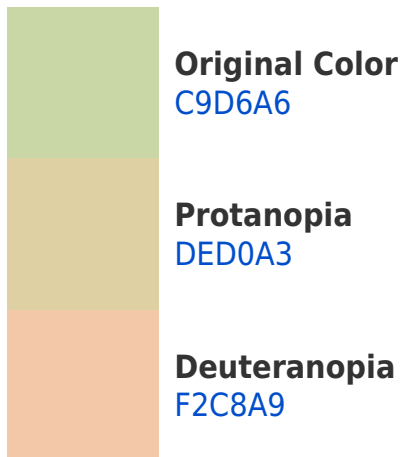


This preview shows how white text looks on a background with the Hex color C9D6A6.

# Color Blindness Simulation

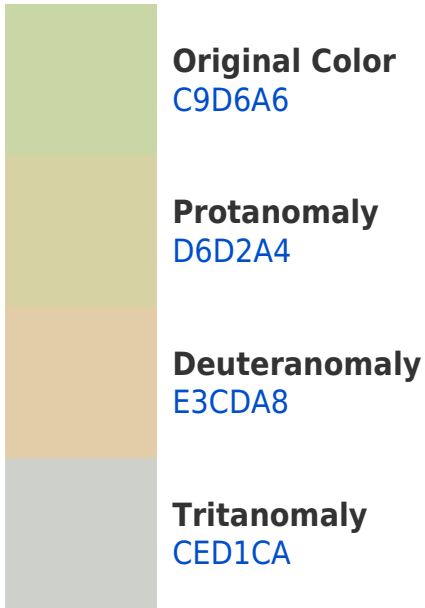
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

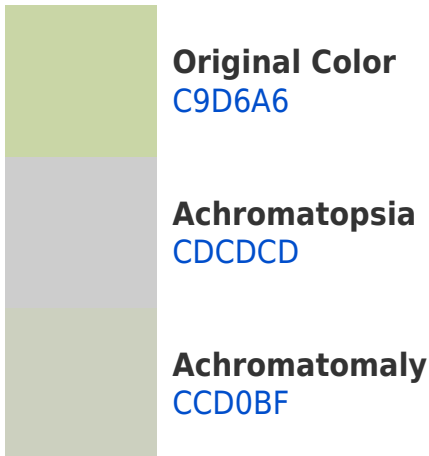




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9D6A6 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 #C9D6A6 looks like.

```
.text, #text, p{  
    color:#C9D6A6  
}
```

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 #C9D6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D6A6
}
```

## Border

The CSS property to change the border of an element to Hex C9D6A6 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
#C9D6A6 }
```

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

```
.border{ border-color:#C9D6A6 }
```

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

Here you see how a box with a 4 pixel #C9D6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D6A6; -webkit-box-shadow:4px 4px  
4px 4px #C9D6A6; box-shadow:4px 4px 4px  
4px #C9D6A6 }
```

# Background

The CSS property to change the background color of an element to Hex C9D6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D6A6 }
```

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

```
.background{ background-color:#C9D6A6 }
```

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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