

# Converting Colors

Hex(CCD9C7)

Have a look what the booklet for  
Hex(CCD9C7) contains.

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# **Color**

**Hex(CCD9C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD9C7
RGB	204, 217, 199
RGB Percent	80%, 85%, 78%
CMY	0.2000, 0.1490, 0.2196
CMYK	0.06, 0.00, 0.08, 0.15
HSL	103°, 19%, 82%
HSV	103°, 8%, 85%
XYZ	60.0235, 66.5866, 63.7218
YIQ	211.0610, -1.9700, -8.3540

# Conversions

## Conversions Part 2

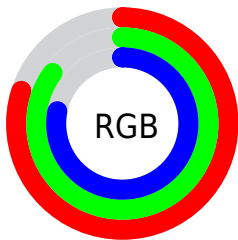
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 217, 212
Decimal	13425095
CIELab	85.29, -7.64, 7.36
CIELCh	85, 10.606, 136.093
Yxy	66.5866, 0.3154, 0.3498
Android (android.graphics.Color)	4291615175 (0xFFCCD9C7)
YUV	211.0610, -5.9461, -6.1925
Hunter-Lab	81.6006, -11.5007, 10.8210

# Details

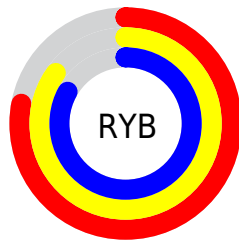
The Hex color **CCD9C7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4C7D9**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **96A291** is the 20% darker color. If you saturate the color by 10%, you get **BCD9B1**, and if you desaturate by 10%, it is **DCD9DD**.

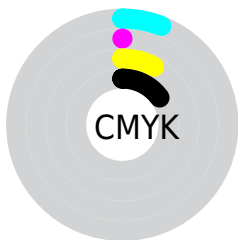
# Distribution



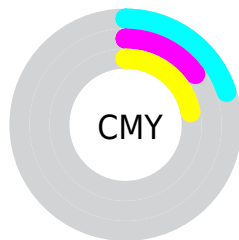
- Red (80%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCD9C7 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 CCD9C7 by changing the saturation by 10% instead.



■ CCD9C7

FFFFFF

■ CCD9C7

■ B1BDAC

■ 96A291

■ 7C8877

■ 636F5F

■ 4B5647

■ 343F31

■ 1F291C

■ 081501

■ 000000

 CCD9C7

 CCD9C7

 BCD9B1

 DCD9DD

 ADD99C

 EBD9F2

 9DD986

 FBD9FF

 8DD970

 FFD9FF

 7ED95B

 6ED945

 5ED92F

 4FD919

 3FD904

# Harmonies

## Analogous

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



D8D6C2



CCD9C7



C2DBD0

# Triad

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



CCD9C7



C6D7E8



EBCED0

# Complementary

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



CCD9C7



D4C7D9

# 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.



E7CFDA



CCD9C7



D1D4E8

# Square

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



CCD9C7



BEDAE3



DED1E3



E9D0C7

# Rectangle

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



CCD9C7



BEDBD7



DED1E3



EACED3



# Sweetspot

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



CCD9C7



FBFFFA



D9D4C7



7E807D



000000



808080

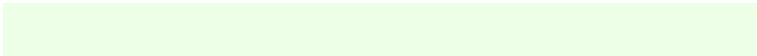


# Same Dimension

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



CCD9C7



EDFFE6



C7D9CB



666E63



30AD00



0D2E00



# Inverse Universe

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



D4C7D9



F8E6FF



D9C7D5



6B636E



7D00AD

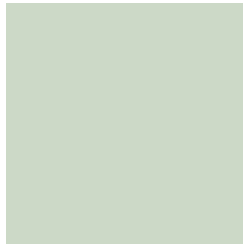


21002E



# Previews

## White Background



This preview shows how the Hex color CCD9C7 looks on a white background.

## Color Contrast Check

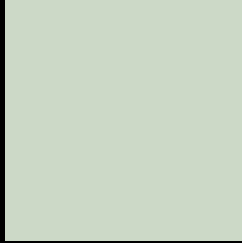
Large Text (above 18pt) WCAG AA × Fail

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 CCD9C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

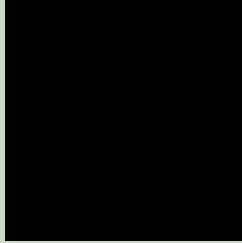
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

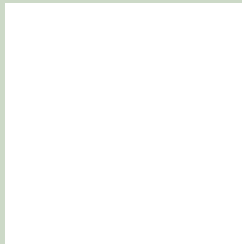
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCD9C7 Background



This preview shows how black text looks on a background with the Hex color CCD9C7.

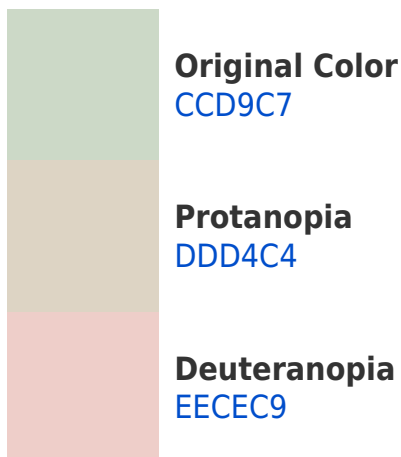


This preview shows how white text looks on a background with the Hex color CCD9C7.

# 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**  
D1D5E5

# Trichromacy



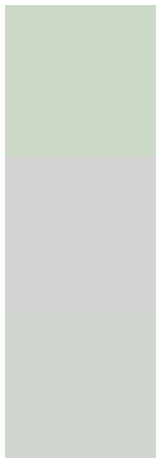
**Original Color**  
CCD9C7

**Protanomaly**  
D7D6C5

**Deuteranomaly**  
E2D2C8

**Tritanomaly**  
CFD6DA

# Monochromacy



**Original Color**  
CCD9C7

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D0D5CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCD9C7 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 #CCD9C7 looks like.

```
.text, #text, p{  
    color:#CCD9C7  
}
```

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 #CCD9C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD9C7  
}
```

## Border

The CSS property to change the border of an element to Hex CCD9C7 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  
#CCD9C7 }
```

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

```
.border{ border-color:#CCD9C7 }
```

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

Here you see how a box with a 4 pixel #CCD9C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD9C7; -webkit-box-shadow:4px 4px  
4px 4px #CCD9C7; box-shadow:4px 4px 4px  
4px #CCD9C7 }
```

# Background

The CSS property to change the background color of an element to Hex CCD9C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD9C7 }
```

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

```
.background{ background-color:#CCD9C7 }
```

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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