

# Converting Colors

Hex(CED29C)

Have a look what the booklet for  
Hex(CED29C) contains.

<b>Hex(CED29C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CED29C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CED29C
RGB	206, 210, 156
RGB Percent	81%, 82%, 61%
CMY	0.1922, 0.1765, 0.3882
CMYK	0.02, 0.00, 0.26, 0.18
HSL	64°, 37%, 72%
HSV	64°, 26%, 82%
XYZ	54.5009, 61.6153, 40.4729
YIQ	202.6480, 14.9500, -17.6420

# Conversions

## Conversions Part 2

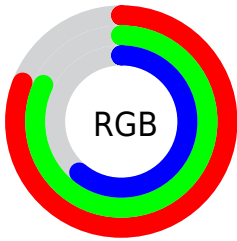
Format	Color
<a href="#">RYB</a>	<a href="#">156, 210, 160</a>
Decimal	<a href="#">13554332</a>
CIELab	<a href="#">82.71, -10.07, 26.38</a>
CIELCh	<a href="#">83, 28.243, 110.899</a>
Yxy	<a href="#">61.6153, 0.3481, 0.3935</a>
Android (android.graphics.Color)	<a href="#">4291744412 (0xFFCED29C)</a>
YUV	<a href="#">202.6480, -22.9975, 2.9397</a>
Hunter-Lab	<a href="#">78.4954, -13.4308, 24.3763</a>

# Details

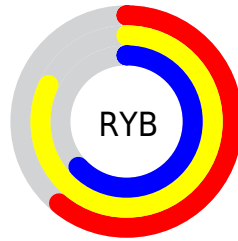
The Hex color **CED29C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A09CD2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFD3**, and **979C68** is the 20% darker color. If you saturate the color by 10%, you get **CCD287**, and if you desaturate by 10%, it is **D0D2B1**.

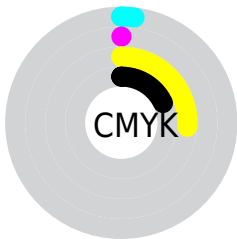
# Distribution



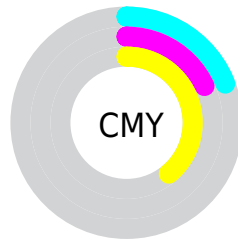
- Red (81%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CED29C 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 CED29C by changing the saturation by 10% instead.



 CED29C

FFFFFF

 FFFFD3

 FFFFEF

 CED29C

 B2B682

 979C68

 7D8250

 636938

 4B5022

 333A0B

 1E2400

 001000

 000000

 CED29C

 CED29C

 CCD287

 D0D2B1

 CBD272

 D1D2C6

 C9D25D

 D3D2DB

 C8D248

 D4D2F0

 C6D233

 D6D2FF

 C5D21E

 D7D2FF

 C3D209

 D9D2FF

 C2D200

 DAD2FF

 DCD2FF

# Harmonies

## Analogous

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



E9C99A



CED29C



B0D9AC

# Triad

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



CED29C



87D9F6



FEBBD7

# Complementary

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



CED29C



A09CD2

# Split Complementary

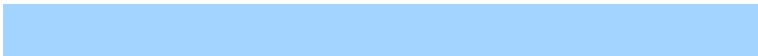
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8C1F0



CED29C



A3D3FF

# Square

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



CED29C



82DDE0



C7CAFF



FFBBBC

# Rectangle

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



CED29C



9CDCBC



C7CAFF



F8BDE0



# Sweetspot

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



CED29C



FDFFE8



D2A09C



7F8073



000000



808080

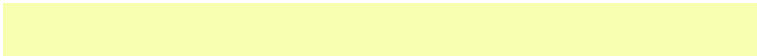


# Same Dimension

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



CED29C



F9FFB0



B3D29C



68695E



9CA800



262900



# Inverse Universe

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



A09CD2



B6B0FF



BB9CD2



5F5E69



0C00A8

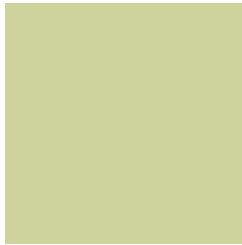


030029



# Previews

## White Background



This preview shows how the Hex color CED29C looks on a white background.

## Color Contrast Check

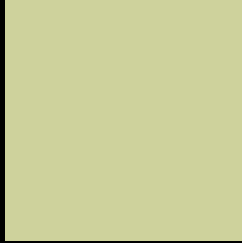
Large Text (above 18pt) WCAG AA × Fail

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 CED29C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

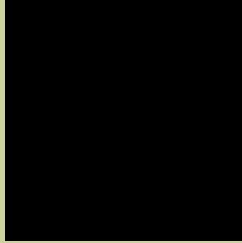
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

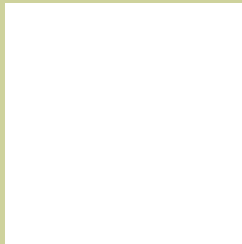
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CED29C Background



This preview shows how black text looks on a background with the Hex color CED29C.

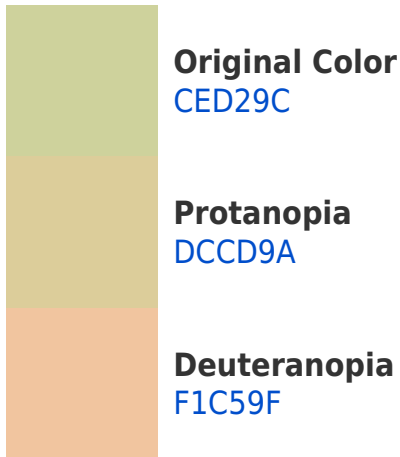


This preview shows how white text looks on a background with the Hex color CED29C.

# Color Blindness Simulation

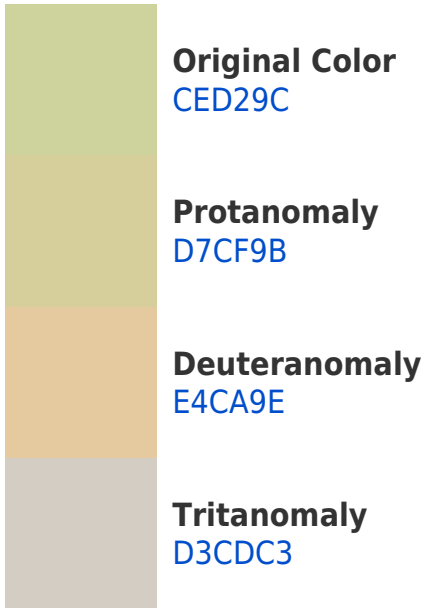
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CED29C 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 #CED29C looks like.

```
.text, #text, p{  
    color:#CED29C  
}
```

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 #CED29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED29C
}
```

## Border

The CSS property to change the border of an element to Hex CED29C 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
#CED29C }
```

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

```
.border{ border-color:#CED29C }
```

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

Here you see how a box with a 4 pixel #CED29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED29C; -webkit-box-shadow:4px 4px  
4px 4px #CED29C; box-shadow:4px 4px 4px  
4px #CED29C }
```

# Background

The CSS property to change the background color of an element to Hex CED29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED29C }
```

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

```
.background{ background-color:#CED29C }
```

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