

# Converting Colors

Hex(CDE39A)

Have a look what the booklet for  
Hex(CDE39A) contains.

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**Color**

**Hex(CDE39A)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CDE39A                      |
| RGB         | 205, 227, 154               |
| RGB Percent | 80%, 89%, 60%               |
| CMY         | 0.1961, 0.1098, 0.3961      |
| CMYK        | 0.10, 0.00, 0.32, 0.11      |
| HSL         | 78°, 57%, 75%               |
| HSV         | 78°, 32%, 89%               |
| XYZ         | 58.4787, 70.2504, 41.0494   |
| YIQ         | 212.1000, 10.3210, -27.3670 |

# Conversions

## Conversions Part 2

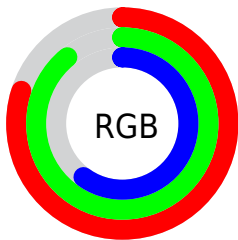
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">154, 227, 176</a>                   |
| Decimal                             | <a href="#">13493146</a>                        |
| CIELab                              | <a href="#">87.12, -19.22, 33.31</a>            |
| CIElCh                              | <a href="#">87, 38.458, 119.983</a>             |
| Yxy                                 | <a href="#">70.2504, 0.3444,<br/>0.4138</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291683226<br/>(0xFFCDE39A)</a>     |
| YUV                                 | <a href="#">212.1000, -28.6433,<br/>-6.2267</a> |
| Hunter-Lab                          | <a href="#">83.8155, -22.1365,<br/>29.6331</a>  |

# Details

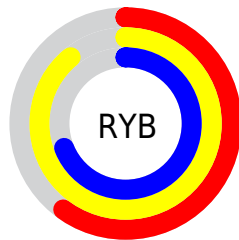
The Hex color **CDE39A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B09AE3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFD1**, and **96AC66** is the 20% darker color. If you saturate the color by 10%, you get **C6E383**, and if you desaturate by 10%, it is **D4E3B1**.

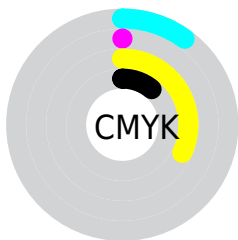
# Distribution



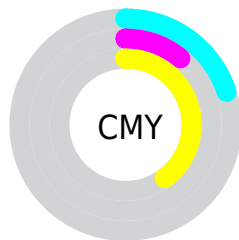
- Red (80%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE39A 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 CDE39A by changing the saturation by 10% instead.



 CDE39A

 CDE39A

FFFFFF

 B1C780

 FFFFD1


 96AC66

 FFFFED

 7B914D

 627735

 495F1E

 314705

 1B3000

 001D00

 000000

 CDE39A

 CDE39A

 C6E383

 D4E3B1

 BFE36D

 DBE3C7

 B8E356

 E2E3DE

 B2E33F

 E8E3F5

 ABE329

 EFE3FF

 A4E312

 F6E3FF

 9FE300

 FDE3FF

 FFE3FF

# Harmonies

## Analogous

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



F4D891



CDE39A



A2EBB5

# Triad

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



CDE39A



75E8FF



FFBFDC

# Complementary

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



CDE39A



B09AE3

# Split Complementary

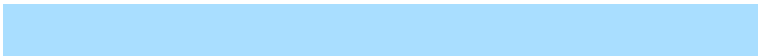
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



CDE39A



A9DEFF

# Square

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



CDE39A



5FEDFD



DFD1FF



FFC2B8

# Rectangle

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



CDE39A



86EDCC



DFD1FF



FFC0E8



# Sweetspot

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



CDE39A



F7FFE6



E3B09A



7B8070



000000



808080

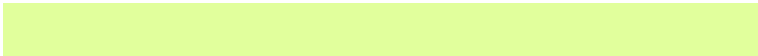


# Same Dimension

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



CDE39A



E1FF9C



A9E39A



6F7367



7DB300



243300



# Inverse Universe

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



B09AE3



BA9CFF



D49AE3



6B6773



3600B3

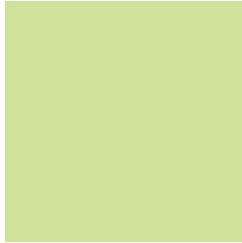


0F0033



# Previews

## White Background



This preview shows how the Hex color CDE39A 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 CDE39A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

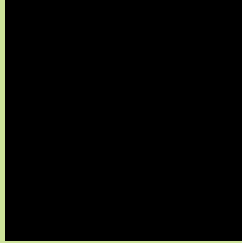
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDE39A Background



This preview shows how black text looks on a background with the Hex color CDE39A.

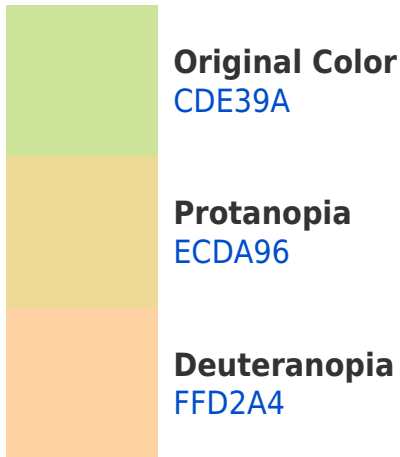


This preview shows how white text looks on a background with the Hex color CDE39A.

# 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](#).

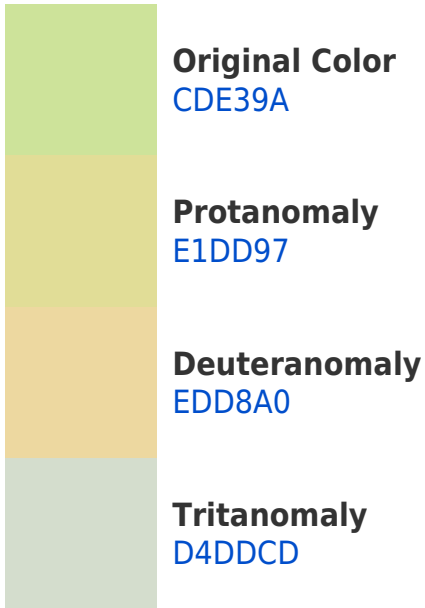
## Dichromacy



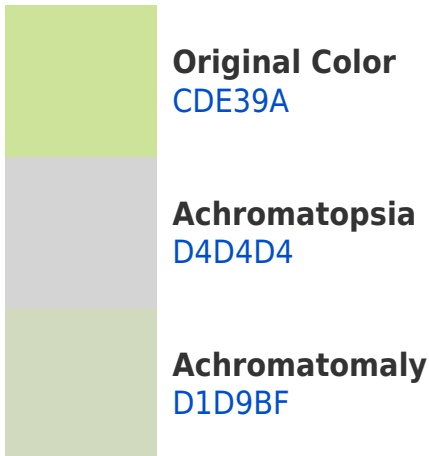


**Tritanopia**  
D8D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE39A 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 #CDE39A looks like.

```
.text, #text, p{  
    color:#CDE39A  
}
```

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 #CDE39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE39A
}
```

## Border

The CSS property to change the border of an element to Hex CDE39A 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
#CDE39A }
```

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

```
.border{ border-color:#CDE39A }
```

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

Here you see how a box with a 4 pixel #CDE39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE39A; -webkit-box-shadow:4px 4px  
4px 4px #CDE39A; box-shadow:4px 4px 4px  
4px #CDE39A }
```

# Background

The CSS property to change the background color of an element to Hex CDE39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE39A }
```

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

```
.background{ background-color:#CDE39A }
```

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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