

# Converting Colors

Hex(DDC39A)

Have a look what the booklet for  
Hex(DDC39A) contains.

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# **Color**

**Hex(DDC39A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDC39A
RGB	221, 195, 154
RGB Percent	87%, 76%, 60%
CMY	0.1333, 0.2353, 0.3961
CMYK	0.00, 0.12, 0.30, 0.13
HSL	37°, 50%, 74%
HSV	37°, 30%, 87%
XYZ	55.1666, 56.7355, 38.6153
YIQ	198.1000, 28.6570, -7.2390

# Conversions

## Conversions Part 2

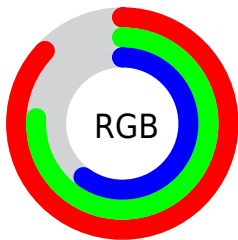
Format	Color
R <sub>YB</sub>	196, 221, 154
Decimal	14533530
CIE Lab	80.03, 3.15, 24.00
CIE LCh	80, 24.209, 82.519
Yxy	56.7355, 0.3665, 0.3769
Android (android.graphics.Color)	4292723610 (0xFFDDC39A)
YUV	198.1000, -21.7413, 20.0833
Hunter-Lab	75.3229, -1.0815, 22.3303

# Details

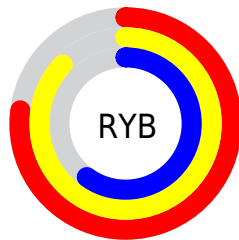
The Hex color **DDC39A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9AB4DD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFBD1**, and **A58D67** is the 20% darker color. If you saturate the color by 10%, you get **DDBA84**, and if you desaturate by 10%, it is **DDCCB0**.

# Distribution



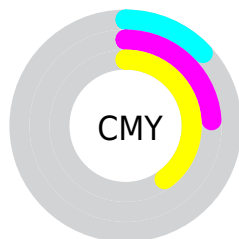
- Red (87%)
- Green (76%)
- Blue (60%)



- Red (77%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC39A 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 DDC39A by changing the saturation by 10% instead.



 DDC39A

FFFFFF

 FFFBD1

 FFFFED

 DDC39A

 C1A880

 A58D67

 8A744E

 705B37

 574421

 3E2E0B

 271900

 080000

 000000

 DDC39A

 DDC39A

 DDBA84

 DDCCB0

 DDB26E

 DDD4C6

 DDA958

 DDDDDC

 DDA142

 DDE5F2

 DD982B

 DDEEFF

 DD9015

 DDF6FF

 DD8700

 DDFFFF

# Harmonies

## Analogous

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



EEBCA3



DDC39A



C5CA9D

# Triad

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



DDC39A



88D3D7



DEBBE2

# Complementary

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



DDC39A



9AB4DD

# 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.



C3C3F0



DDC39A



8DD0EA

# Square

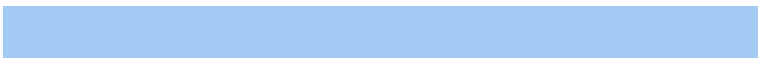
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDC39A



94D3C0



A4CAF3



F0B7CD

# Rectangle

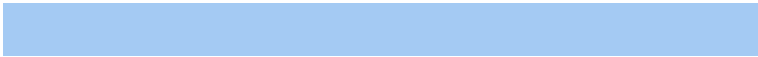
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDC39A



B4CEA5



A4CAF3



D6BEE8



# Sweetspot

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



DDC39A



FFF6E8



DD9AB5



807A71



000000



808080



# Same Dimension

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



DDC39A



FFDBA3



D6DD9A



6E6963



AD6A00



2E1C00



# Inverse Universe

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



9AB4DD



A3C7FF



A19ADD



63676E



0043AD

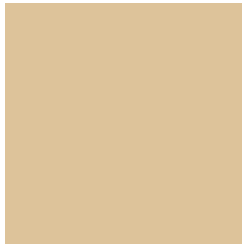


00122E



# Previews

## White Background



This preview shows how the Hex color DDC39A 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

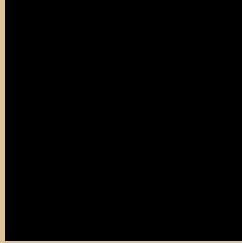
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDC39A Background



This preview shows how black text looks on a background with the Hex color DDC39A.

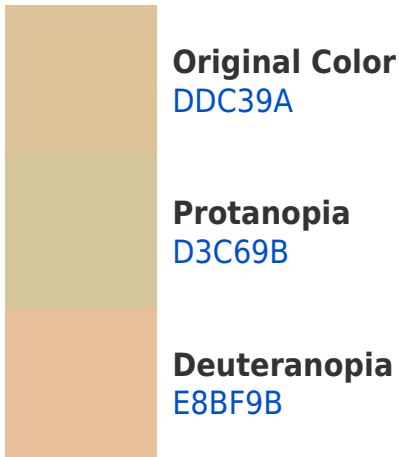


This preview shows how white text looks on a background with the Hex color DDC39A.

# 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](#).

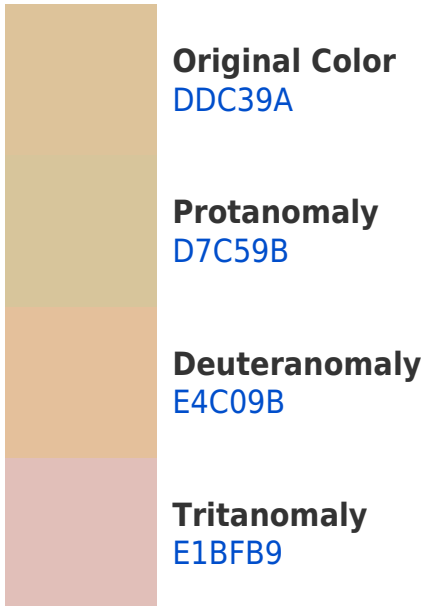
## Dichromacy





**Tritanopia**  
E3BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC39A 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 #DDC39A looks like.

```
.text, #text, p{  
    color:#DDC39A  
}
```

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 #DDC39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC39A
}
```

## Border

The CSS property to change the border of an element to Hex DDC39A 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
#DDC39A }
```

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

```
.border{ border-color:#DDC39A }
```

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

Here you see how a box with a 4 pixel #DDC39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC39A; -webkit-box-shadow:4px 4px  
4px 4px #DDC39A; box-shadow:4px 4px 4px  
4px #DDC39A }
```

# Background

The CSS property to change the background color of an element to Hex DDC39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC39A }
```

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

```
.background{ background-color:#DDC39A }
```

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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