

# Converting Colors

Hex(DCB39A)

Have a look what the booklet for  
Hex(DCB39A) contains.

<b>Hex(DCB39A)</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(DCB39A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCB39A
RGB	220, 179, 154
RGB Percent	86%, 70%, 60%
CMY	0.1373, 0.2980, 0.3961
CMYK	0.00, 0.19, 0.30, 0.14
HSL	23°, 49%, 73%
HSV	23°, 30%, 86%
XYZ	51.4680, 49.7889, 37.4694
YIQ	188.4090, 32.4610, 0.9170

# Conversions

## Conversions Part 2

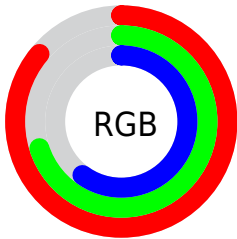
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 194, 154
Decimal	14463898
CIE <sub>Lab</sub>	75.94, 11.25, 18.36
CIE <sub>LCh</sub>	76, 21.535, 58.511
Yxy	49.7889, 0.3710, 0.3589
Android (android.graphics.Color)	4292653978 (0xFFDCB39A)
YUV	188.4090, -16.9636, 27.7053
Hunter-Lab	70.5613, 6.7173, 17.9087

# Details

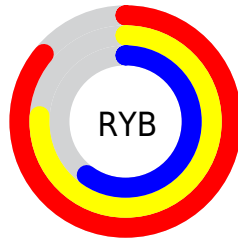
The Hex color **DCB39A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9AC3DC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEBD0**, and **A47E67** is the 20% darker color. If you saturate the color by 10%, you get **DCA584**, and if you desaturate by 10%, it is **DCC1B0**.

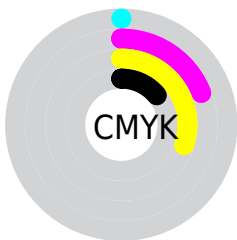
# Distribution



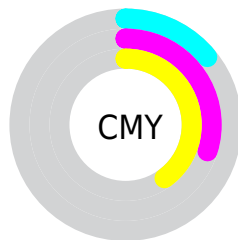
- Red (86%)
- Green (70%)
- Blue (60%)



- Red (86%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCB39A 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 DCB39A by changing the saturation by 10% instead.



 DCB39A

FFFFFF

 FFEBD0

 FFFFED

 DCB39A

 C09880

 A47E67

 89654F

 6F4D38

 553622

 3D210D

 260C00

 000000

 DCB39A

 DCB39A

 DCA584

 DCC1B0

 DC986E

 DCCEC6

 DC8A58

 DCDCDC

 DC7C42

 DCEAF2

 DC6F2C

 DCF7FF

 DC6116

 DCFFFF

 DC5300

# Harmonies

## Analogous

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



E4AEA9



DCB39A



CBB994

# Triad

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



DCB39A



8CC7B9



BDB6DE

# Complementary

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



DCB39A



9AC3DC

# 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.



A3BDE2



DCB39A



84C6CD

# Square

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



DCB39A



9FC4A6



8DC3DC



D4B0D0

# Rectangle

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



DCB39A



BDBE95



8DC3DC



B5B9E1



# Sweetspot

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



DCB39A



FFF1E8



DC9AC4



807771



000000



808080



# Same Dimension

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



DCB39A



FFC6A3



DCD39A



6E6763



AD4200



2E1100

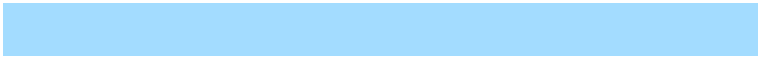


# Inverse Universe

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



9AC3DC



A3DCFF



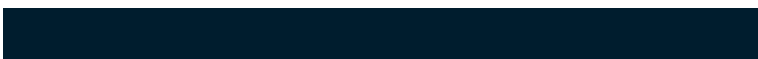
9AA3DC



63696E



006CAD



001D2E



# Previews

## White Background



This preview shows how the Hex color DCB39A looks on a white background.

## Color Contrast Check

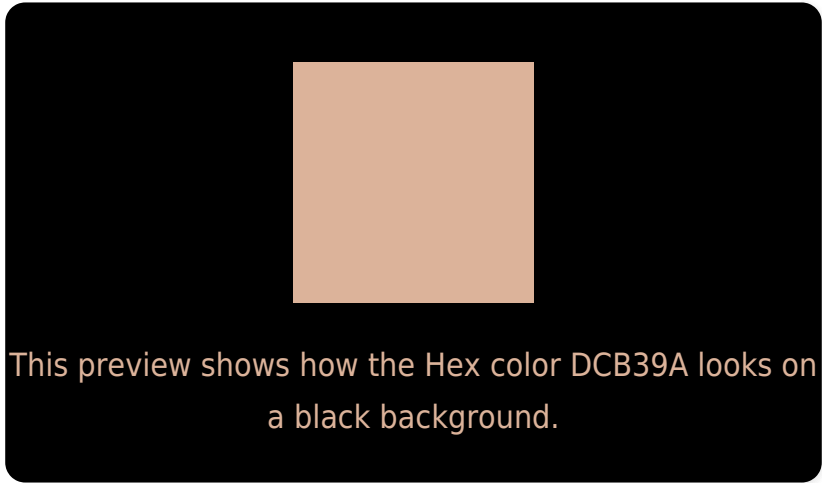
Large Text (above 18pt) WCAG AA × Fail

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

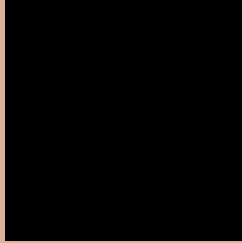
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCB39A Background



This preview shows how black text looks on a background with the Hex color DCB39A.

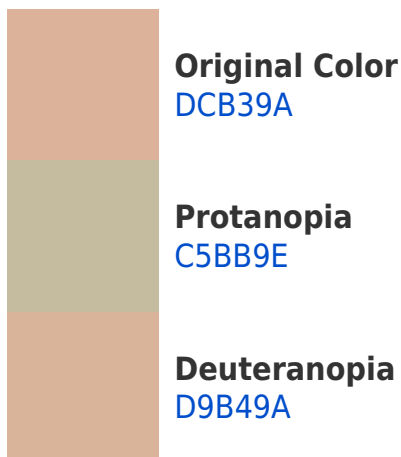


This preview shows how white text looks on a background with the Hex color DCB39A.

# Color Blindness Simulation

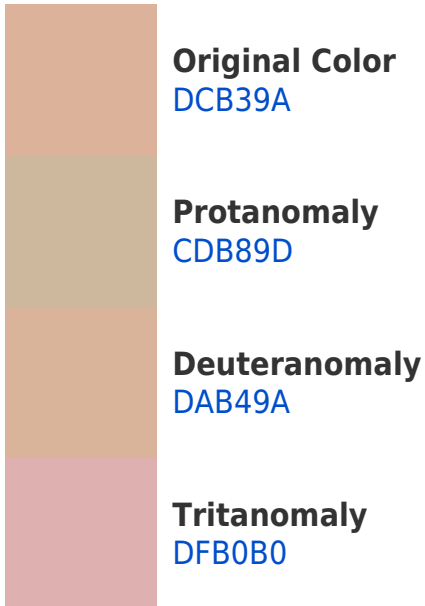
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCB39A 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 #DCB39A looks like.

```
.text, #text, p{  
    color:#DCB39A  
}
```

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 #DCB39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB39A
}
```

## Border

The CSS property to change the border of an element to Hex DCB39A 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
#DCB39A }
```

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

```
.border{ border-color:#DCB39A }
```

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

Here you see how a box with a 4 pixel #DCB39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB39A; -webkit-box-shadow:4px 4px  
4px 4px #DCB39A; box-shadow:4px 4px 4px  
4px #DCB39A }
```

# Background

The CSS property to change the background color of an element to Hex DCB39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB39A }
```

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

```
.background{ background-color:#DCB39A }
```

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