

# Converting Colors

Hex(DCC69B)

Have a look what the booklet for  
Hex(DCC69B) contains.

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# **Color**

**Hex(DCC69B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC69B
RGB	220, 198, 155
RGB Percent	86%, 78%, 61%
CMY	0.1373, 0.2235, 0.3922
CMYK	0.00, 0.10, 0.30, 0.14
HSL	40°, 48%, 74%
HSV	40°, 30%, 86%
XYZ	55.6257, 57.9704, 39.2680
YIQ	199.6760, 26.9150, -8.7090

# Conversions

## Conversions Part 2

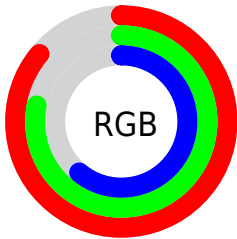
Format	Color
<a href="#">RYB</a>	<a href="#">188, 220, 155</a>
Decimal	<a href="#">14468763</a>
CIELab	<a href="#">80.72, 1.32, 24.40</a>
CIElCh	<a href="#">81, 24.438, 86.895</a>
Yxy	<a href="#">57.9704, 0.3639, 0.3792</a>
Android (android.graphics.Color)	<a href="#">4292658843 (0xFFDCC69B)</a>
YUV	<a href="#">199.6760, -22.0253, 17.8241</a>
Hunter-Lab	<a href="#">76.1383, -2.8321, 22.7183</a>

# Details

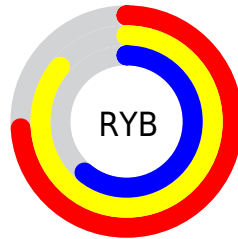
The Hex color **DCC69B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9BB1DC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFD2**, and **A49068** is the 20% darker color. If you saturate the color by 10%, you get **DCBF85**, and if you desaturate by 10%, it is **DCCDB1**.

# Distribution



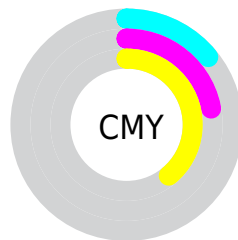
- Red (86%)
- Green (78%)
- Blue (61%)



- Red (74%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCC69B 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 DCC69B by changing the saturation by 10% instead.



 DCC69B

FFFFFF

 FFFFD2

 FFFFEE

 DCC69B

 C0AB81

 A49068


 89774F

 6F5E38

 564722

 3E300C

 271B00

 080100

 000000

 DCC69B

 DCC69B

 DCBF85

 DCCDB1

 DCB76F

 DCD5C7

 DCB059

 DCDCDD

 DCA843

 DCE4F3

 DCA12D

 DCEBFF

 DC9917

 DCF3FF

 DC9201

 DCFAFF

 DC9200

 DCFFFF

# Harmonies

## Analogous

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



EEBFA3



DCC69B



C4CD9F

# Triad

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



DCC69B



88D5DC



E4BCE2

# Complementary

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



DCC69B



9BB1DC

# 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.



C9C3F1



DCC69B



91D1EE

# Square

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



DCC69B



93D5C5



AACBF5



F4B8CC

# Rectangle

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



DCC69B



B2D1A9



AACBF5



DCBEE8

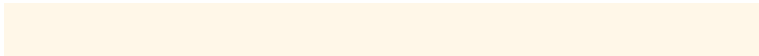


# Sweetspot

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



DCC69B



FFF7E8



DC9BB2



807B71



000000



808080



# Same Dimension

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



DCC69B



FFE1A6



D2DC9B



6E6A63



AD7300



2E1E00



# Inverse Universe

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



9BB1DC



A6C4FF



A59BDC



63666E



003BAD

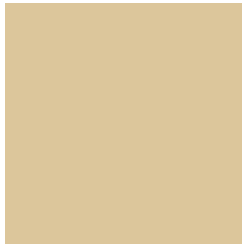


00102E



# Previews

## White Background



This preview shows how the Hex color DCC69B 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

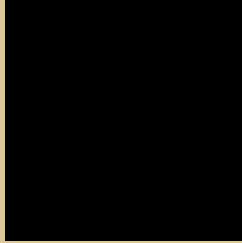
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCC69B Background



This preview shows how black text looks on a background with the Hex color DCC69B.



This preview shows how white text looks on a background with the Hex color DCC69B.

# 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](#).

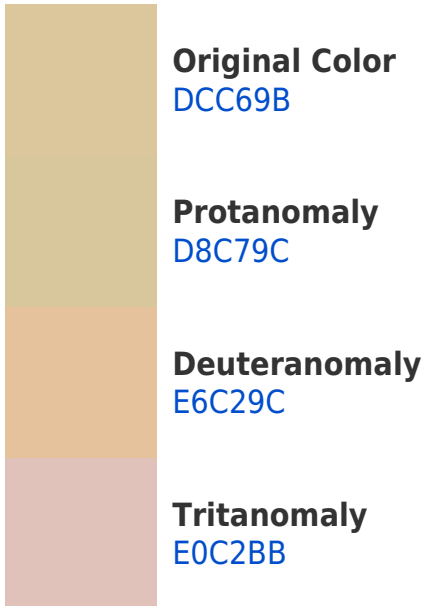
## Dichromacy



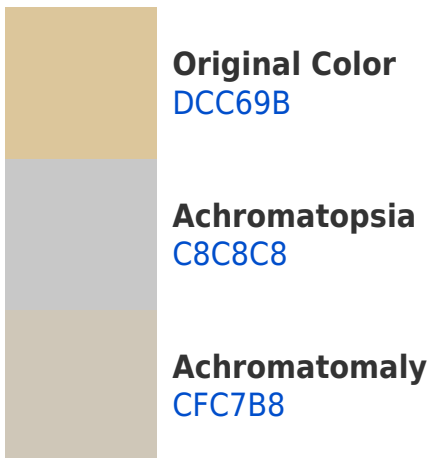


**Tritanopia**  
E2BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCC69B 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 #DCC69B looks like.

```
.text, #text, p{  
    color:#DCC69B  
}
```

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 #DCC69B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCC69B
}
```

## Border

The CSS property to change the border of an element to Hex DCC69B 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
#DCC69B }
```

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

```
.border{ border-color:#DCC69B }
```

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

Here you see how a box with a 4 pixel #DCC69B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCC69B; -webkit-box-shadow:4px 4px  
4px 4px #DCC69B; box-shadow:4px 4px 4px  
4px #DCC69B }
```

# Background

The CSS property to change the background color of an element to Hex DCC69B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCC69B }
```

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

```
.background{ background-color:#DCC69B }
```

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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