

# Converting Colors

Hex(D3B699)

Have a look what the booklet for  
Hex(D3B699) contains.

<b>Hex(D3B699)</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(D3B699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3B699
RGB	211, 182, 153
RGB Percent	83%, 71%, 60%
CMY	0.1725, 0.2863, 0.4000
CMYK	0.00, 0.14, 0.27, 0.17
HSL	30°, 40%, 71%
HSV	30°, 27%, 83%
XYZ	49.3417, 49.6047, 37.1111
YIQ	187.3650, 26.5930, -2.8710

# Conversions

## Conversions Part 2

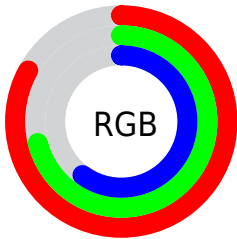
Format	Color
R <sub>Y</sub> B	211, 211, 153
Decimal	13874841
CIE Lab	75.83, 6.05, 18.62
CIE LCh	76, 19.573, 72.006
Yxy	49.6047, 0.3627, 0.3646
Android (android.graphics.Color)	4292064921 (0xFFD3B699)
YUV	187.3650, -16.9419, 20.7279
Hunter-Lab	70.4306, 1.7985, 18.0605

# Details

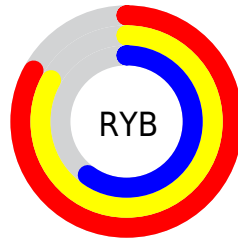
The Hex color **D3B699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **99B6D3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEECF**, and **9C8166** is the 20% darker color. If you saturate the color by 10%, you get **D3AB84**, and if you desaturate by 10%, it is **D3C1AE**.

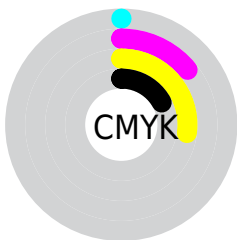
# Distribution



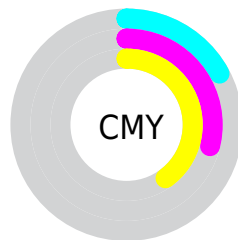
- Red (83%)
- Green (71%)
- Blue (60%)



- Red (83%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B699 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 D3B699 by changing the saturation by 10% instead.



 D3B699

 D3B699

FFFFFF

 B79B7F

 FFEECF

 9C8166

 FFFFEC

 81684E

 675037

 4E3921

 37240B

 200F00

 000000

 D3B699

 D3B699

 D3AB84

 D3C1AE

 D3A16F

 D3CBC3

 D3965A

 D3D6D8

 D38C45

 D3E0ED

 D3812F

 D3EBFF

 D3771A

 D3F5FF

 D36C05

 D3FFFF

 D36A00

# Harmonies

## Analogous

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



DEB1A3



D3B699



C1BC98

# Triad

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



D3B699



8CC5C2



C7B4D6

# Complementary

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



D3B699



99B6D3

# 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.



B0BADE



D3B699



8CC4D2

# Square

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



D3B699



99C4AF



99C0DD



D8AFC6

# Rectangle

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



D3B699



B4C09C



99C0DD



C0B6D9

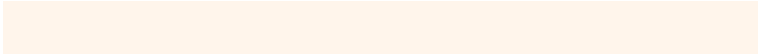


# Sweetspot

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



D3B699



FFF5EB



D399B6



807973



000000



808080



# Same Dimension

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



D3B699



FFD5AB



D3D399



69635E



A85400



291400

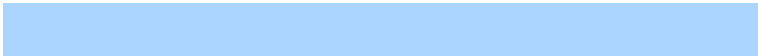


# Inverse Universe

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



99B6D3



ABD5FF



9999D3



5E6369



0054A8



001429



# Previews

## White Background



This preview shows how the Hex color D3B699 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 D3B699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

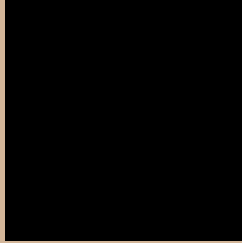
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3B699 Background



This preview shows how black text looks on a background with the Hex color D3B699.



This preview shows how white text looks on a background with the Hex color D3B699.

# 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



**Original Color**  
D3B699

**Protanopia**  
C6BB9B

**Deuteranopia**  
D9B499

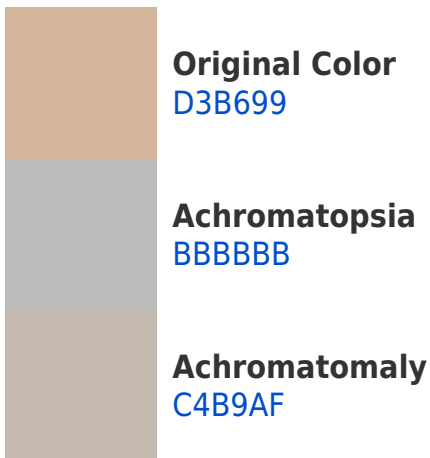


**Tritanopia**  
D7B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B699 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 #D3B699 looks like.

```
.text, #text, p{  
    color:#D3B699  
}
```

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 #D3B699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B699
}
```

## Border

The CSS property to change the border of an element to Hex D3B699 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
#D3B699 }
```

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

```
.border{ border-color:#D3B699 }
```

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

Here you see how a box with a 4 pixel #D3B699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B699; -webkit-box-shadow:4px 4px  
4px 4px #D3B699; box-shadow:4px 4px 4px  
4px #D3B699 }
```

# Background

The CSS property to change the background color of an element to Hex D3B699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B699 }
```

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

```
.background{ background-color:#D3B699 }
```

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