

# Converting Colors

Hex(D4CB8A)

Have a look what the booklet for  
Hex(D4CB8A) contains.

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# **Color**

**Hex(D4CB8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CB8A
RGB	212, 203, 138
RGB Percent	83%, 80%, 54%
CMY	0.1686, 0.2039, 0.4588
CMYK	0.00, 0.04, 0.35, 0.17
HSL	53°, 46%, 69%
HSV	53°, 35%, 83%
XYZ	53.0948, 58.5439, 32.5465
YIQ	198.2810, 26.2290, -18.3070

# Conversions

## Conversions Part 2

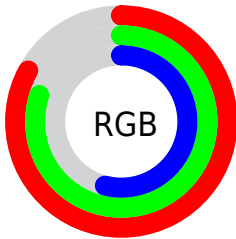
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 212, 138
Decimal	13945738
CIELab	81.04, -6.49, 33.59
CIELCh	81, 34.207, 100.934
Yxy	58.5439, 0.3682, 0.4060
Android (android.graphics.Color)	4292135818 (0xFFD4CB8A)
YUV	198.2810, -29.7185, 12.0316
Hunter-Lab	76.5140, -10.0343, 28.3398

# Details

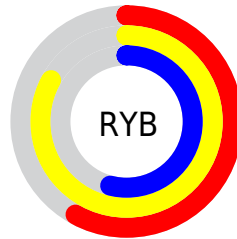
The Hex color **D4CB8A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8A93D4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFFC0**, and **9C9557** is the 20% darker color. If you saturate the color by 10%, you get **D4C875**, and if you desaturate by 10%, it is **D4CE9F**.

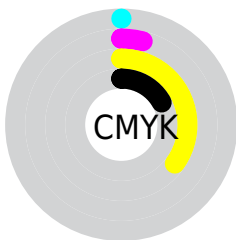
# Distribution



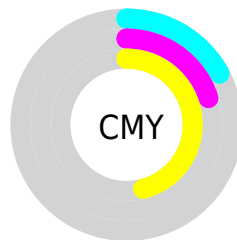
- Red (83%)
- Green (80%)
- Blue (54%)



- Red (58%)
- Yellow (83%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4CB8A 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 D4CB8A by changing the saturation by 10% instead.



 D4CB8A

FFFFFF

 FFFFC0

 FFFFDC

 FFFFF9

 D4CB8A

 B8B070

 9C9557

 817B3F

 676327

 4E4B10

 373400

 1F1F00

 000700

 000000

 D4CB8A

 D4CB8A

 D4C875

 D4CE9F

 D4C660

 D4D0B4

 D4C34A

 D4D3CA

 D4C135

 D4D5DF

 D4BE20

 D4D8F4

 D4BC0B

 D4DAFF

 D4BA00

 D4DDFF

 D4E0FF

 D4E2FF

# Harmonies

## Analogous

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



F2C08D



D4CB8A



B0D498

# Triad

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



D4CB8A



63D9F2



FBB4DF

# Complementary

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



D4CB8A



8A93D4

# 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.



DDBDFA



D4CB8A



82D2FF

# Square

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



D4CB8A



6BDBD4



B1C8FF



FFB1BF

# Rectangle

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



D4CB8A



97D8A9



B1C8FF



F3B6E9



# Sweetspot

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



D4CB8A



FFFCE6



D48A94



807E70



000000



808080

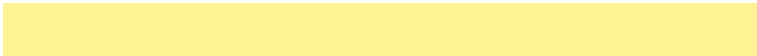


# Same Dimension

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



D4CB8A



FFF294



B9D48A



6B6A60



AB9600



2B2600



# Inverse Universe

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



8A93D4



94A1FF



A58AD4



60626B



0015AB

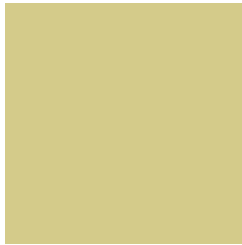


00052B



# Previews

## White Background



This preview shows how the Hex color D4CB8A looks on a white background.

## Color Contrast Check

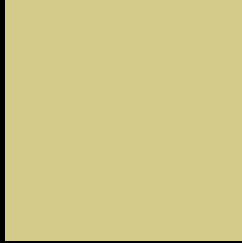
Large Text (above 18pt) WCAG AA × Fail

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 D4CB8A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

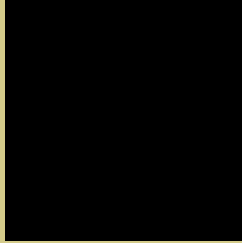
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4CB8A Background



This preview shows how black text looks on a background with the Hex color D4CB8A.



This preview shows how white text looks on a background with the Hex color D4CB8A.

# 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



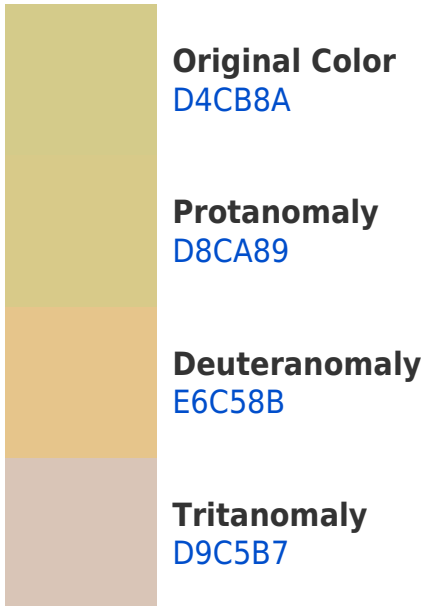
**Original Color**  
D4CB8A

**Protanopia**  
DAC989

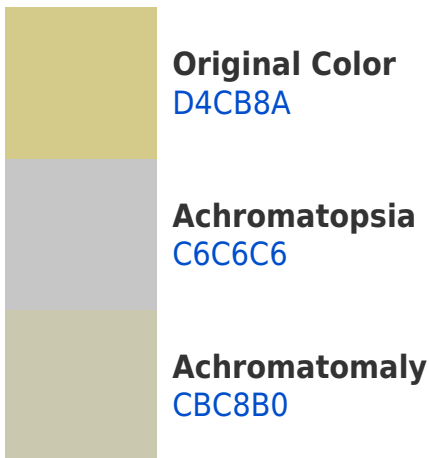
**Deuteranopia**  
F0C18C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4CB8A 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 #D4CB8A looks like.

```
.text, #text, p{  
    color:#D4CB8A  
}
```

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 #D4CB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4CB8A
}
```

## Border

The CSS property to change the border of an element to Hex D4CB8A 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
#D4CB8A }
```

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

```
.border{ border-color:#D4CB8A }
```

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

Here you see how a box with a 4 pixel #D4CB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4CB8A; -webkit-box-shadow:4px 4px  
4px 4px #D4CB8A; box-shadow:4px 4px 4px  
4px #D4CB8A }
```

# Background

The CSS property to change the background color of an element to Hex D4CB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4CB8A }
```

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

```
.background{ background-color:#D4CB8A }
```

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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