

# Converting Colors

Hex(D3A17C)

Have a look what the booklet for  
Hex(D3A17C) contains.

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# **Color**

**Hex(D3A17C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3A17C
RGB	211, 161, 124
RGB Percent	83%, 63%, 49%
CMY	0.1725, 0.3686, 0.5137
CMYK	0.00, 0.24, 0.41, 0.17
HSL	26°, 50%, 66%
HSV	26°, 41%, 83%
XYZ	43.2469, 40.7939, 24.6634
YIQ	171.7320, 41.6770, -0.9070

# Conversions

## Conversions Part 2

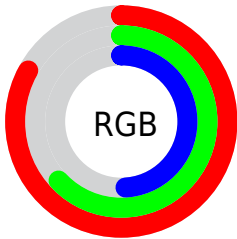
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 188, 124
Decimal	13869436
CIE <sub>Lab</sub>	70.03, 13.75, 26.41
CIE <sub>LCh</sub>	70, 29.776, 62.507
Yxy	40.7939, 0.3978, 0.3753
Android (android.graphics.Color)	4292059516 (0xFFD3A17C)
YUV	171.7320, -23.5319, 34.4380
Hunter-Lab	63.8701, 9.0911, 21.8142

# Details

The Hex color **D3A17C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7CAED3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD8B1**, and **9B6D4B** is the 20% darker color. If you saturate the color by 10%, you get **D39567**, and if you desaturate by 10%, it is **D3AD91**.

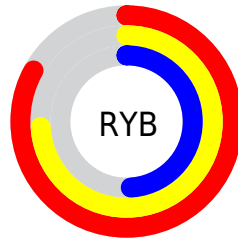
# Distribution



Red (83%)

Green (63%)

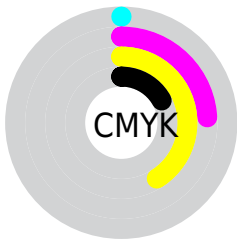
Blue (49%)



Red (83%)

Yellow (74%)

Blue (49%)

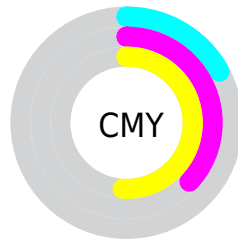


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (17%)



Cyan (17%)

Magenta (37%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3A17C 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 D3A17C by changing the saturation by 10% instead.



 D3A17C

 D3A17C

FFFFFF

 B68763

 FFD8B1

 9B6D4B

 FFF4CC

 7F5534

 FFFFE9

 653E1E

 4B2806

 321300

 1B0001

 000000

 D3A17C

 D3A17C

 D39567

 D3AD91

 D38952

 D3B9A6

 D37D3D

 D3C5BB

 D37028

 D3D2D0

 D36412

 D3DEE6

 D35A00

 D3EAFB

 D3F6FF

 D3FFFF

# Harmonies

## Analogous

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



E09A8F



D3A17C



BCAA75

# Triad

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



D3A17C



62BAAD



B2A3D9

# Complementary

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



D3A17C



7CAED3

# 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.



8BADE1



D3A17C



55B9C7

# Square

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



D3A17C



80B891



66B5DA



D09BC5

# Rectangle

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



D3A17C



A9B079



66B5DA



A6A7DD

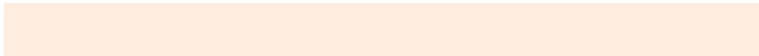


# Sweetspot

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



D3A17C



FFEDE0



D37CAF



80756E



000000



808080



# Same Dimension

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



D3A17C



FFB782



D3CC7C



69635E



A84800



291100

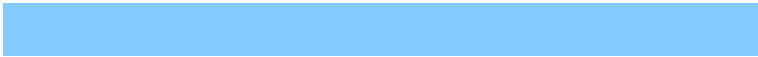


# Inverse Universe

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



7CAED3



82CAFF



7C83D3



5E6469



0061A8



001729



# Previews

## White Background



This preview shows how the Hex color D3A17C looks on a white background.

## Color Contrast Check

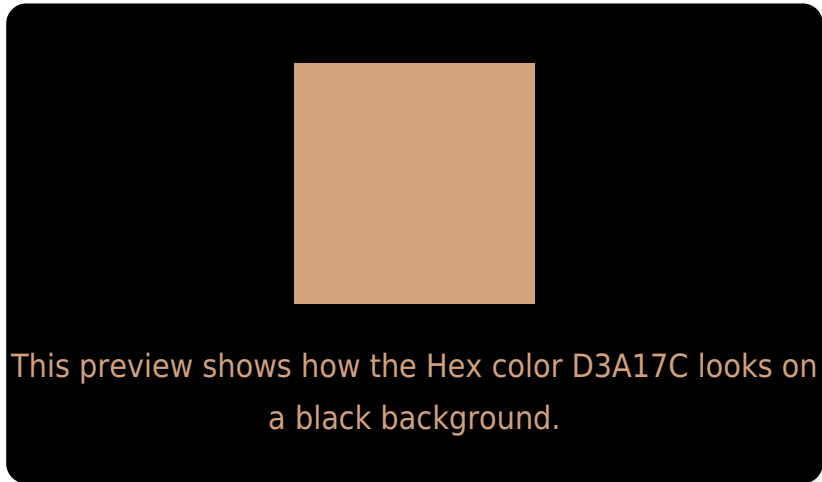
Large Text (above 18pt) WCAG AA × Fail

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

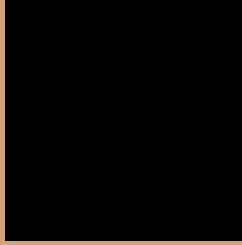
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3A17C Background



This preview shows how black text looks on a background with the Hex color D3A17C.



This preview shows how white text looks on a background with the Hex color D3A17C.

# 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**  
D3A17C

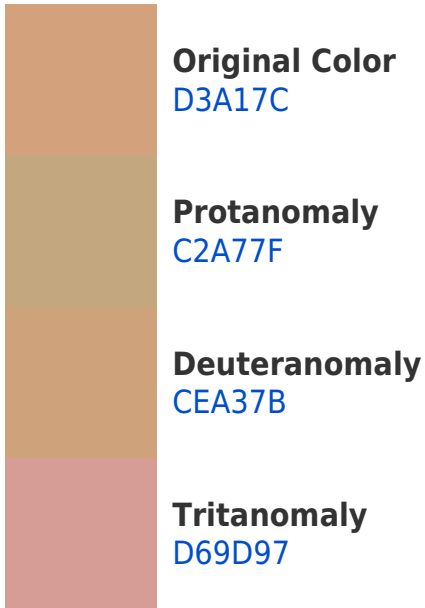
**Protanopia**  
B8AB80

**Deuteranopia**  
CBA47B

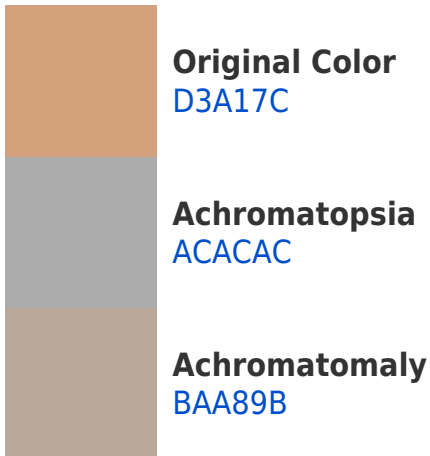


**Tritanopia**  
D79BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3A17C 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 #D3A17C looks like.

```
.text, #text, p{  
  color:#D3A17C  
}
```

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 #D3A17C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A17C
}
```

## Border

The CSS property to change the border of an element to Hex D3A17C 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
#D3A17C }
```

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

```
.border{ border-color:#D3A17C }
```

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

Here you see how a box with a 4 pixel #D3A17C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A17C; -webkit-box-shadow:4px 4px  
4px 4px #D3A17C; box-shadow:4px 4px 4px  
4px #D3A17C }
```

# Background

The CSS property to change the background color of an element to Hex D3A17C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A17C }
```

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

```
.background{ background-color:#D3A17C }
```

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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