

# Converting Colors

Hex(D2A97E)

Have a look what the booklet for  
Hex(D2A97E) contains.

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# **Color**

**Hex(D2A97E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A97E
RGB	210, 169, 126
RGB Percent	82%, 66%, 49%
CMY	0.1765, 0.3373, 0.5059
CMYK	0.00, 0.20, 0.40, 0.18
HSL	31°, 48%, 66%
HSV	31°, 40%, 82%
XYZ	44.5322, 43.5839, 25.8041
YIQ	176.3570, 38.2390, -4.6810

# Conversions

## Conversions Part 2

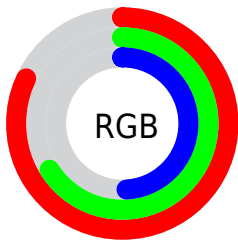
Format	Color
R <sub>Y</sub> B	206, 210, 126
Decimal	13805950
CIE Lab	71.95, 9.25, 27.87
CIE LCh	72, 29.365, 71.639
Yxy	43.5839, 0.3909, 0.3826
Android (android.graphics.Color)	4291996030 (0xFFD2A97E)
YUV	176.3570, -24.8260, 29.5049
Hunter-Lab	66.0181, 4.8746, 23.0384

# Details

The Hex color **D2A97E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7EA7D2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE0B3**, and **9A754C** is the 20% darker color. If you saturate the color by 10%, you get **D29F69**, and if you desaturate by 10%, it is **D2B393**.

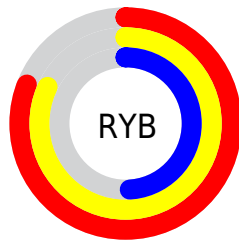
# Distribution



Red (82%)

Green (66%)

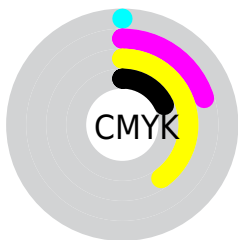
Blue (49%)



Red (81%)

Yellow (82%)

Blue (49%)

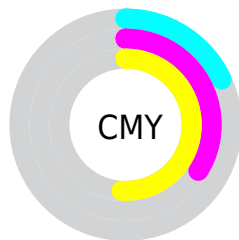


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2A97E 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 D2A97E by changing the saturation by 10% instead.



 D2A97E

 D2A97E

FFFFFF

 B68F65

 FFE0B3

 9A754C

 FFFDCF

 7F5C35

 FFFFEB

 64451F

 4B2F08

 321A00

 1B0000

 000000

 D2A97E

 D2A97E

 D29F69

 D2B393

 D29454

 D2BEA8

 D28A3F

 D2C8BD

 D2802A

 D2D2D2

 D27615

 D2DCE7

 D26B00

 D2E7FC

 D2F1FF

 D2FBFF

 D2FFFF

# Harmonies

## Analogous

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



E2A18E



D2A97E



B9B27C

# Triad

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



D2A97E



63BFBA



C1A6D9

# Complementary

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



D2A97E



7EA7D2

# 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.



9DAFE5



D2A97E



5EBDD3

# Square

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



D2A97E



7CBE9F



77B8E3



DB9FC2

# Rectangle

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



D2A97E



A5B782



77B8E3



B6A9DE

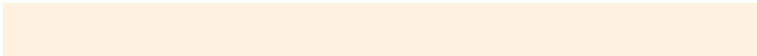


# Sweetspot

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



D2A97E



FFF0E0



D27EA8



80776E



000000



808080



# Same Dimension

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



D2A97E



FFC385



D2D27E



69635E



A85600



291500

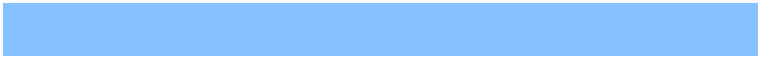


# Inverse Universe

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



7EA7D2



85C0FF



7E7ED2



5E6369



0052A8



001429



# Previews

## White Background



This preview shows how the Hex color D2A97E looks on a white background.

## Color Contrast Check

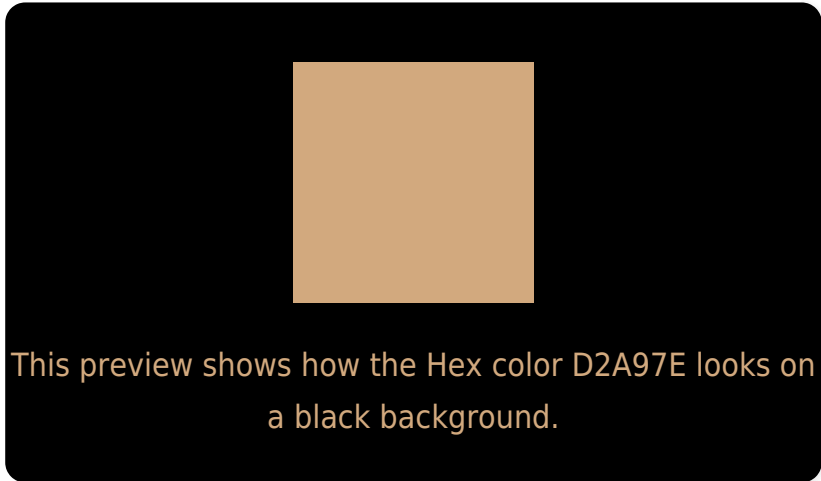
Large Text (above 18pt) WCAG AA × Fail

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 D2A97E Background



This preview shows how black text looks on a background with the Hex color D2A97E.



This preview shows how white text looks on a background with the Hex color D2A97E.

# 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](#).

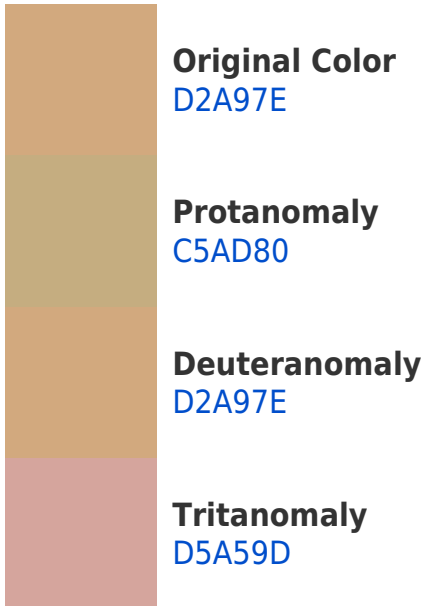
## Dichromacy



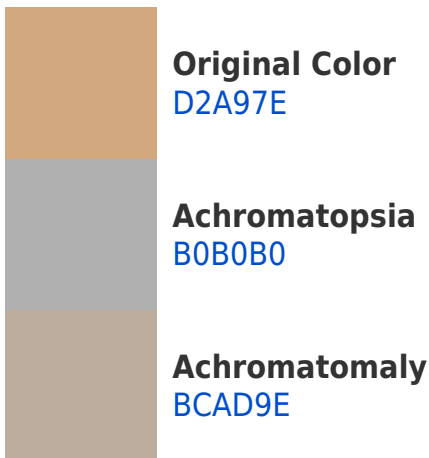


**Tritanopia**  
D7A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2A97E 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 #D2A97E looks like.

```
.text, #text, p{  
    color:#D2A97E  
}
```

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 #D2A97E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A97E
}
```

## Border

The CSS property to change the border of an element to Hex D2A97E 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
#D2A97E }
```

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

```
.border{ border-color:#D2A97E }
```

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

Here you see how a box with a 4 pixel #D2A97E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A97E; -webkit-box-shadow:4px 4px  
4px 4px #D2A97E; box-shadow:4px 4px 4px  
4px #D2A97E }
```

# Background

The CSS property to change the background color of an element to Hex D2A97E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A97E }
```

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

```
.background{ background-color:#D2A97E }
```

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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