

# Converting Colors

Hex(DA997D)

Have a look what the booklet for  
Hex(DA997D) contains.

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# **Color**

**Hex(DA997D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA997D
RGB	218, 153, 125
RGB Percent	85%, 60%, 49%
CMY	0.1451, 0.4000, 0.5098
CMYK	0.00, 0.30, 0.43, 0.15
HSL	18°, 56%, 67%
HSV	18°, 43%, 85%
XYZ	44.0063, 39.1686, 24.6429
YIQ	169.2430, 47.7280, 5.0720

# Conversions

## Conversions Part 2

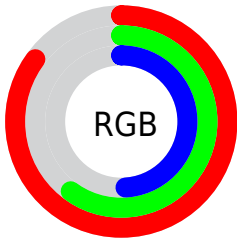
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 165, 125
Decimal	14326141
CIE <sub>Lab</sub>	68.87, 20.98, 24.45
CIE <sub>LCh</sub>	69, 32.215, 49.375
Yxy	39.1686, 0.4082, 0.3633
Android (android.graphics.Color)	4292516221 (0xFFDA997D)
YUV	169.2430, -21.8118, 42.7599
Hunter-Lab	62.5848, 15.9885, 20.4637

# Details

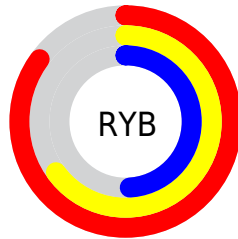
The Hex color **DA997D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7DBEDA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD0B2**, and **A1664C** is the 20% darker color. If you saturate the color by 10%, you get **DA8A67**, and if you desaturate by 10%, it is **DAA893**.

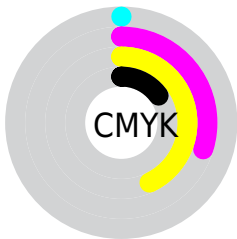
# Distribution



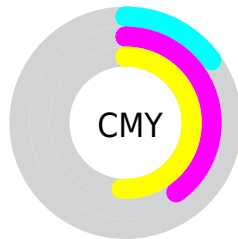
- Red (85%)
- Green (60%)
- Blue (49%)



- Red (85%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA997D 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 DA997D by changing the saturation by 10% instead.



 DA997D

FFFFFF

 FFD0B2

 FFECCD

 FFFFEA

 DA997D

 BD7F64

 A1664C

 854D35

 6A361F

 502008

 360A00

 1E0001

 000000

 DA997D

 DA997D

■ DA8A67

■ DAA893

■ DA7B51

■ DAB7A9

■ DA6B3C

■ DAC7BE

■ DA5C26

■ DAD6D4

■ DA4D10

■ DAE5EA

■ DA4200

■ DAF4FF

■ DAFFFF

# Harmonies

## Analogous

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



E29396



DA997D



C6A36F

# Triad

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



DA997D



65B79C



9DA4DF

# Complementary

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



DA997D



7DBEDA

# 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.



71AEE1



DA997D



48B8BA

# Square

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



DA997D



88B381



4BB5D3



C39ACE

# Rectangle

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



DA997D



B3A96E



4BB5D3



8FA8E1

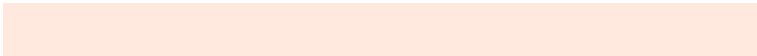


# Sweetspot

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



DA997D



FFE8DE



DA7DBE



80716B



000000



808080



# Same Dimension

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



DA997D



FFA47D



DAC77D



6E6663



AD3400



2E0E00



# Inverse Universe

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



7DBEDA



7DD8FF



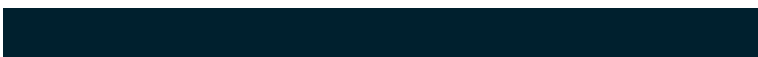
7D90DA



636A6E



0079AD



00202E



# Previews

## White Background



This preview shows how the Hex color DA997D looks on a white background.

## Color Contrast Check

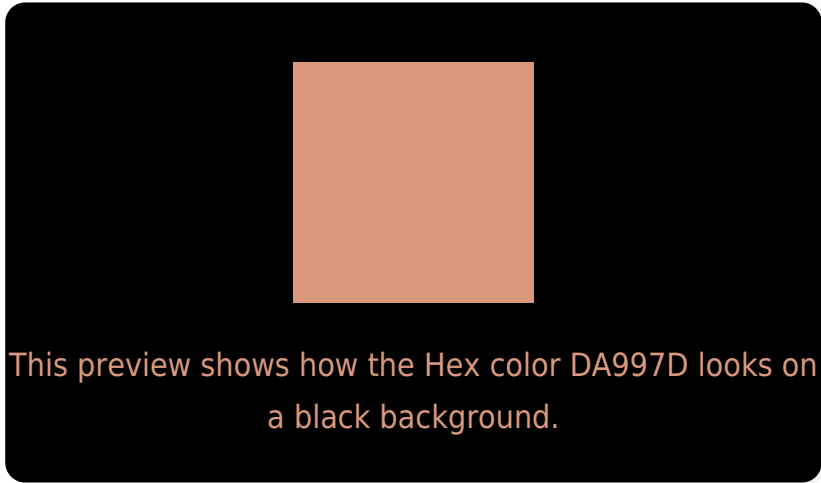
Large Text (above 18pt) WCAG AA × Fail

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 DA997D Background



This preview shows how black text looks on a background with the Hex color DA997D.



This preview shows how white text looks on a background with the Hex color DA997D.

# 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**  
DA997D

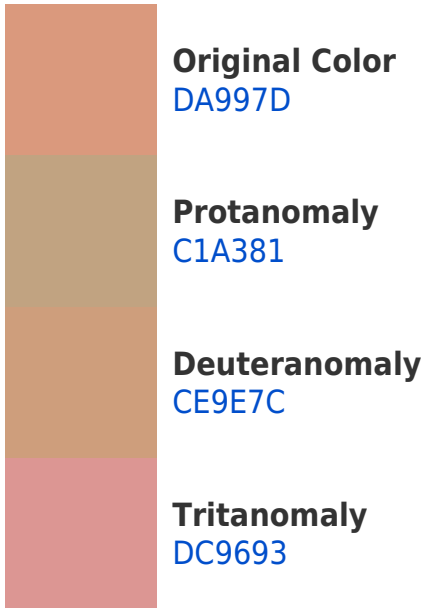
**Protanopia**  
B3A884

**Deuteranopia**  
C7A17B

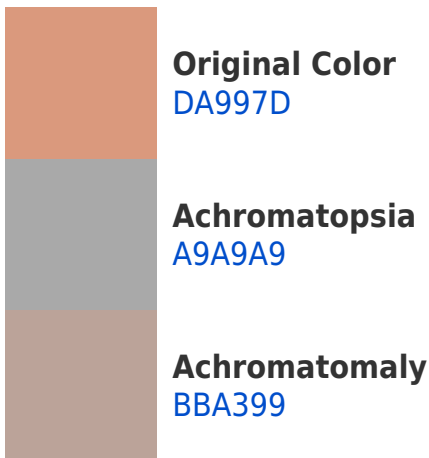


**Tritanopia**  
DD949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA997D 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 #DA997D looks like.

```
.text, #text, p{  
    color:#DA997D  
}
```

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 #DA997D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA997D
}
```

## Border

The CSS property to change the border of an element to Hex DA997D 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
#DA997D }
```

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

```
.border{ border-color:#DA997D }
```

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

Here you see how a box with a 4 pixel #DA997D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA997D; -webkit-box-shadow:4px 4px  
4px 4px #DA997D; box-shadow:4px 4px 4px  
4px #DA997D }
```

# Background

The CSS property to change the background color of an element to Hex DA997D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA997D }
```

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

```
.background{ background-color:#DA997D }
```

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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