

# Converting Colors

Hex(D9A77C)

Have a look what the booklet for  
Hex(D9A77C) contains.

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# **Color**

**Hex(D9A77C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9A77C
RGB	217, 167, 124
RGB Percent	85%, 65%, 49%
CMY	0.1490, 0.3451, 0.5137
CMYK	0.00, 0.23, 0.43, 0.15
HSL	28°, 55%, 67%
HSV	28°, 43%, 85%
XYZ	46.0721, 43.8444, 25.1033
YIQ	177.0480, 43.6030, -2.7730

# Conversions

## Conversions Part 2

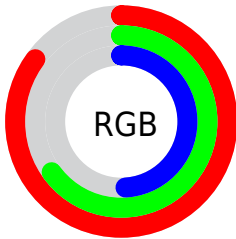
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 204, 124
Decimal	14264188
CIE Lab	72.12, 12.92, 29.30
CIE LCh	72, 32.025, 66.203
Yxy	43.8444, 0.4006, 0.3812
Android (android.graphics.Color)	4292454268 (0xFFD9A77C)
YUV	177.0480, -26.1527, 35.0379
Hunter-Lab	66.2151, 8.3229, 23.8727

# Details

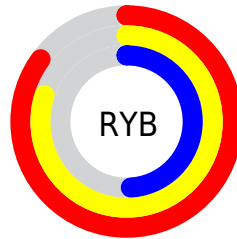
The Hex color **D9A77C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7CAED9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDEB1**, and **A0734B** is the 20% darker color. If you saturate the color by 10%, you get **D99B66**, and if you desaturate by 10%, it is **D9B392**.

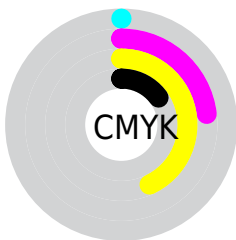
# Distribution



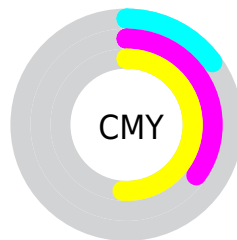
- Red (85%)
- Green (65%)
- Blue (49%)



- Red (85%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9A77C 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 D9A77C by changing the saturation by 10% instead.



 D9A77C

 D9A77C

FFFFFF

 BC8D63

 FFDEB1

 A0734B

 FFFBCD

 855A33

 FFFFEE

 6A431D

 502D05

 371800

 1F0000

 000000

 D9A77C

 D9A77C

 D99B66

 D9B392

 D99051

 D9BEA7

 D9843B

 D9CABD

 D97825

 D9D6D3

 D96D0F

 D9E1E9

 D96400

 D9EDFE

 D9F9FF

 D9FFFF

# Harmonies

## Analogous

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



E99E90



D9A77C



BFB176

# Triad

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



D9A77C



5DC1B6



BDA7E0

# Complementary

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



D9A77C



7CAED9

# 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.



93B2EB



D9A77C



50BFD2

# Square

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



D9A77C



7DBF98



68BAE6



DB9EC9

# Rectangle

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



D9A77C



AAB77C



68BAE6



B0ABE5

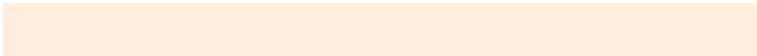


# Sweetspot

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



D9A77C



FFEDDE



D97CAF



80756B



000000



808080



# Same Dimension

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



D9A77C



FFB97D



D9D47C



6E6863



AD5000



2E1500

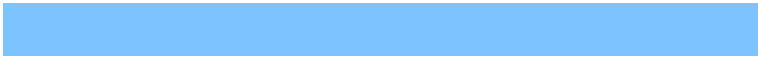


# Inverse Universe

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



7CAED9



7DC3FF



7C81D9



63696E



005DAD



00192E



# Previews

## White Background



This preview shows how the Hex color D9A77C looks on a white background.

## Color Contrast Check

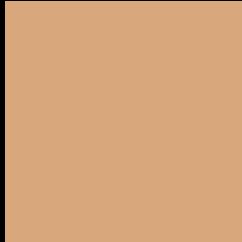
Large Text (above 18pt) WCAG AA × Fail

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 D9A77C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

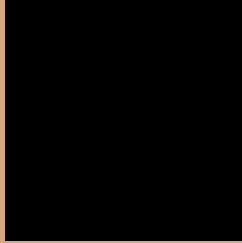
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9A77C Background



This preview shows how black text looks on a background with the Hex color D9A77C.



This preview shows how white text looks on a background with the Hex color D9A77C.

# 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



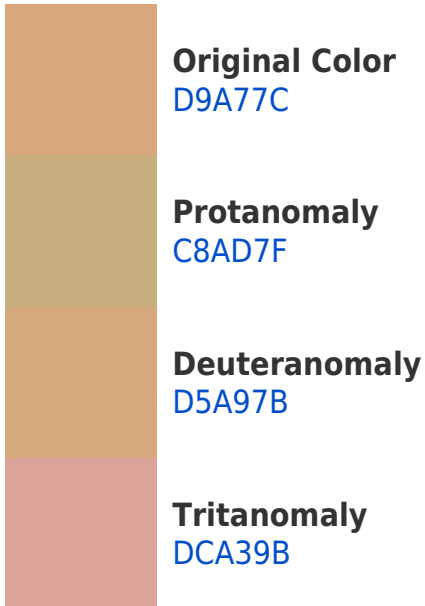
**Original Color**  
D9A77C

**Protanopia**  
BEB180

**Deuteranopia**  
D3AA7B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9A77C 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 #D9A77C looks like.

```
.text, #text, p{  
    color:#D9A77C  
}
```

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 #D9A77C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A77C
}
```

## Border

The CSS property to change the border of an element to Hex D9A77C 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
#D9A77C }
```

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

```
.border{ border-color:#D9A77C }
```

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

Here you see how a box with a 4 pixel #D9A77C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A77C; -webkit-box-shadow:4px 4px  
4px 4px #D9A77C; box-shadow:4px 4px 4px  
4px #D9A77C }
```

# Background

The CSS property to change the background color of an element to Hex D9A77C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A77C }
```

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

```
.background{ background-color:#D9A77C }
```

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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