

# Converting Colors

Hex(D9A96D)

Have a look what the booklet for  
Hex(D9A96D) contains.

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# **Color**

**Hex(D9A96D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9A96D
RGB	217, 169, 109
RGB Percent	85%, 66%, 43%
CMY	0.1490, 0.3373, 0.5725
CMYK	0.00, 0.22, 0.50, 0.15
HSL	33°, 59%, 64%
HSV	33°, 50%, 85%
XYZ	45.5636, 44.2318, 20.6041
YIQ	176.5120, 47.8680, -8.4840

# Conversions

## Conversions Part 2

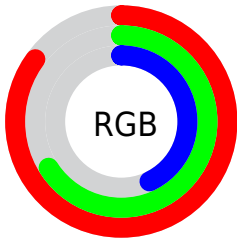
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 217, 109
Decimal	14264685
CIELab	72.38, 10.36, 37.56
CIELCh	72, 38.963, 74.586
Yxy	44.2318, 0.4127, 0.4007
Android (android.graphics.Color)	4292454765 (0xFFD9A96D)
YUV	176.5120, -33.2834, 35.5080
Hunter-Lab	66.5070, 5.9021, 28.1866

# Details

The Hex color **D9A96D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6D9DD9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE0A1**, and **A0753C** is the 20% darker color. If you saturate the color by 10%, you get **D99F57**, and if you desaturate by 10%, it is **D9B383**.

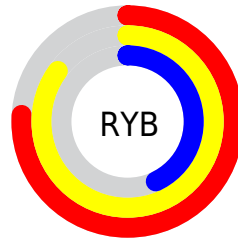
# Distribution



Red (85%)

Green (66%)

Blue (43%)



Red (76%)

Yellow (85%)

Blue (43%)

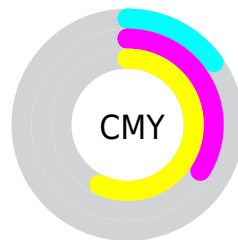


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9A96D 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 D9A96D by changing the saturation by 10% instead.



 D9A96D

 D9A96D

FFFFFF

 BC8F54

 FFE0A1

 A0753C

 FFFDBD

 845C24

 FFFFD9

 69450C

 FFFFF5

 4F2F00

 351A00

 1D0000

 000000

 D9A96D

 D9A96D

 D99F57

 D9B383

 D99642

 D9BC98

 D98C2C

 D9C6AE

 D98216

 D9D0C4

 D97900

 D9D9DA

 D9E3EF

 D9EDFF

 D9F6FF

 D9FFFF

# Harmonies

## Analogous

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



F09D81



D9A96D



B8B56B

# Triad

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



D9A96D



2EC5C2



CCA2E4

# Complementary

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



D9A96D



6D9DD9

# 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.



9AAFF6



D9A96D



1CC2E2

# Square

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



D9A96D



63C39D



5DBAF5



EB98C5

# Rectangle

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



D9A96D



9EBB76



5DBAF5



BDA6EC

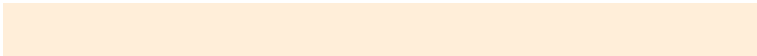


# Sweetspot

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



D9A96D



FFEED9



D96D9E



807569



000000



808080



# Same Dimension

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



D9A96D



FFBB66



D4D96D



6E6963



AD6000



2E1A00

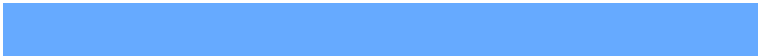


# Inverse Universe

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



6D9DD9



66AAFF



726DD9



63686E



004DAD

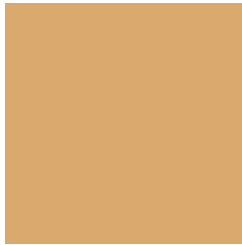


00142E



# Previews

## White Background



This preview shows how the Hex color D9A96D looks on a white background.

## Color Contrast Check

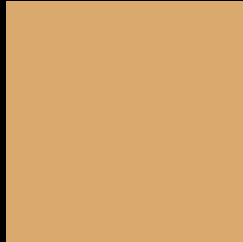
Large Text (above 18pt) WCAG AA × Fail

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 D9A96D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

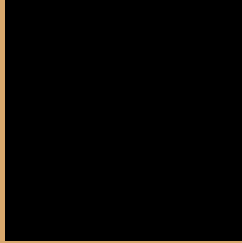
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9A96D Background



This preview shows how black text looks on a background with the Hex color D9A96D.

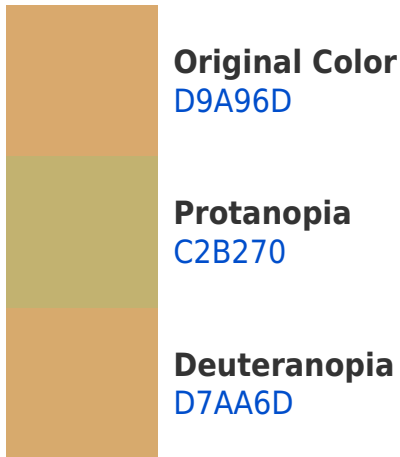


This preview shows how white text looks on a background with the Hex color D9A96D.

# 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





# Trichromacy



**Original Color**  
D9A96D

**Protanomaly**  
CAAF6F

**Deuteranomaly**  
D8AA6D

**Tritanomaly**  
DDA496

# Monochromacy



**Original Color**  
D9A96D

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
C0AE98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9A96D 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 #D9A96D looks like.

```
.text, #text, p{  
    color:#D9A96D  
}
```

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 #D9A96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A96D
}
```

## Border

The CSS property to change the border of an element to Hex D9A96D 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
#D9A96D }
```

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

```
.border{ border-color:#D9A96D }
```

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

Here you see how a box with a 4 pixel #D9A96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A96D; -webkit-box-shadow:4px 4px  
4px 4px #D9A96D; box-shadow:4px 4px 4px  
4px #D9A96D }
```

# Background

The CSS property to change the background color of an element to Hex D9A96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A96D }
```

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

```
.background{ background-color:#D9A96D }
```

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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