

# Converting Colors

Hex(D8A974)

Have a look what the booklet for  
Hex(D8A974) contains.

<b>Hex(D8A974)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D8A974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8A974
RGB	216, 169, 116
RGB Percent	85%, 66%, 45%
CMY	0.1529, 0.3373, 0.5451
CMYK	0.00, 0.22, 0.46, 0.15
HSL	32°, 56%, 65%
HSV	32°, 46%, 85%
XYZ	45.6593, 44.2358, 22.6549
YIQ	177.0110, 45.0250, -6.5190

# Conversions

## Conversions Part 2

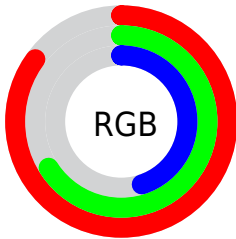
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 216, 116</a>
Decimal	<a href="#">14199156</a>
<a href="#">CIELab</a>	<a href="#">72.39, 10.62, 33.88</a>
<a href="#">CIELCh</a>	<a href="#">72, 35.502, 72.597</a>
<a href="#">Yxy</a>	<a href="#">44.2358, 0.4057, 0.3930</a>
Android (android.graphics.Color)	<a href="#">4292389236</a> ( <a href="#">0xFFD8A974</a> )
<a href="#">YUV</a>	<a href="#">177.0110, -30.0784, 34.1934</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.5100, 6.1481, 26.3615</a>

# Details

The Hex color **D8A974** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74A3D8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE0A9**, and **9F7543** is the 20% darker color. If you saturate the color by 10%, you get **D89F5E**, and if you desaturate by 10%, it is **D8B38A**.

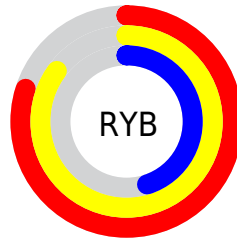
# Distribution



Red (85%)

Green (66%)

Blue (45%)



Red (80%)

Yellow (85%)

Blue (45%)

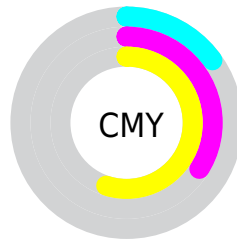


Cyan (0%)

Magenta (22%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8A974 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 D8A974 by changing the saturation by 10% instead.



 D8A974

 D8A974

FFFFFF

 BB8F5B

 FFE0A9

 9F7543

 FFFDC4

 835C2B

 FFFFEO

 684514

FFFFFFD

 4E2F00

 351A00

 1D0000

 000000

 D8A974

 D8A974

 D89F5E

 D8B38A

 D89549

 D8BD9F

 D88B33

 D8C7B5

 D8801E

 D8D2CA

 D87608

 D8DCE0

 D87200

 D8E6F6

 D8F0FF

 D8FAFF

 D8FFFF

# Harmonies

## Analogous

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



EC9F87



D8A974



BAB471

# Triad

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



D8A974



48C3BF



C7A4E1

# Complementary

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



D8A974



74A3D8

# 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.



9AB0F1



D8A974



3EC1DC

# Square

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



D8A974



6EC29D



66BAEF



E59BC6

# Rectangle

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



D8A974



A2BA7A



66BAEF



B9A8E8

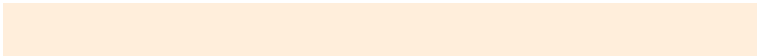


# Sweetspot

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



D8A974



FFEEDB



D874A4



80756A



000000



808080



# Same Dimension

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



D8A974



FFBC70



D6D874



6B6660



AB5B00



2B1700

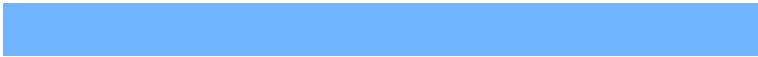


# Inverse Universe

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



74A3D8



70B3FF



7674D8



60656B



0050AB

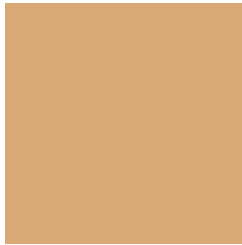


00142B



# Previews

## White Background



This preview shows how the Hex color D8A974 looks on a white background.

## Color Contrast Check

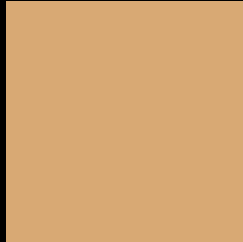
Large Text (above 18pt) WCAG AA × Fail

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 D8A974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

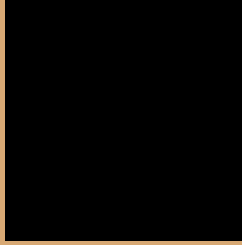
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8A974 Background



This preview shows how black text looks on a background with the Hex color D8A974.



This preview shows how white text looks on a background with the Hex color D8A974.

# 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



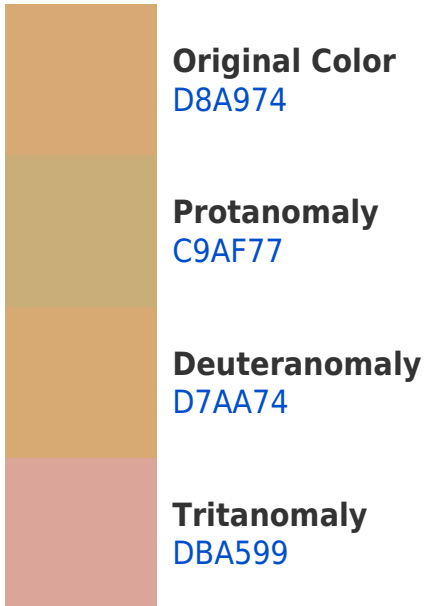
**Original Color**  
D8A974

**Protanopia**  
C1B278

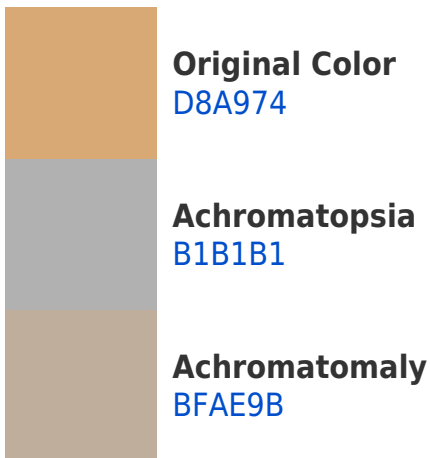
**Deuteranopia**  
D6AA74



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8A974 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 #D8A974 looks like.

```
.text, #text, p{  
    color:#D8A974  
}
```

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 #D8A974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A974
}
```

## Border

The CSS property to change the border of an element to Hex D8A974 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
#D8A974 }
```

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

```
.border{ border-color:#D8A974 }
```

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

Here you see how a box with a 4 pixel #D8A974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A974; -webkit-box-shadow:4px 4px  
4px 4px #D8A974; box-shadow:4px 4px 4px  
4px #D8A974 }
```

# Background

The CSS property to change the background color of an element to Hex D8A974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A974 }
```

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

```
.background{ background-color:#D8A974 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor