

# Converting Colors

Hex(D98D74)

Have a look what the booklet for  
Hex(D98D74) contains.

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# **Color**

**Hex(D98D74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D98D74
RGB	217, 141, 116
RGB Percent	85%, 55%, 45%
CMY	0.1490, 0.4471, 0.5451
CMYK	0.00, 0.35, 0.47, 0.15
HSL	15°, 57%, 65%
HSV	15°, 47%, 85%
XYZ	41.2925, 35.0624, 21.1144
YIQ	160.8740, 53.3210, 8.3370

# Conversions

## Conversions Part 2

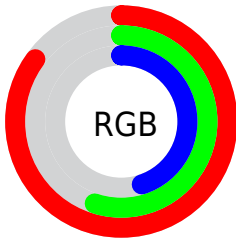
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 149, 116
Decimal	14257524
CIE Lab	65.80, 26.11, 25.27
CIE LCh	66, 36.336, 44.056
Yxy	35.0624, 0.4236, 0.3597
Android (android.graphics.Color)	4292447604 (0xFFD98D74)
YUV	160.8740, -22.1229, 49.2225
Hunter-Lab	59.2135, 20.8532, 20.3078

# Details

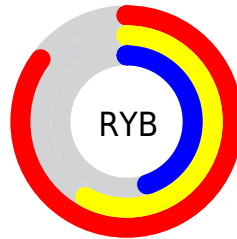
The Hex color **D98D74** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74C0D9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC3A8**, and **9F5A44** is the 20% darker color. If you saturate the color by 10%, you get **D97D5E**, and if you desaturate by 10%, it is **D99D8A**.

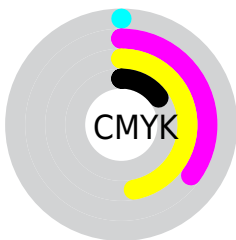
# Distribution



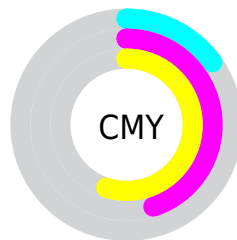
- Red (85%)
- Green (55%)
- Blue (45%)



- Red (85%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D98D74 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 D98D74 by changing the saturation by 10% instead.



 D98D74

 D98D74

FFFFFF

 BC735B

 FFC3A8

 9F5A44

 FFDFC3

 83422D

 FFFCDF

 682B18

 FFFFFC

 4D1300

 330000

 130000

 000000

 D98D74

 D98D74

 D97D5E

 D99D8A

 D96C49

 D9AE9F

 D95C33

 D9BEB5

 D94C1D

 D9CECB

 D93B08

 D9DFE0

 D93600

 D9EFF6

 D9FFFF

# Harmonies

## Analogous

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



DF8792



D98D74



C49861

# Triad

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



D98D74



58B08D



8A9EDF

# Complementary

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



D98D74



74C0D9

# 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.



51A8DE



D98D74



27B1AF

# Square

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



D98D74



82AB70



12AFCC



B792CF

# Rectangle

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



D98D74



B19F5E



12AFCC



78A2E0

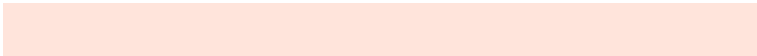


# Sweetspot

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



D98D74



FFE4DB



D974C1



806F6A



000000



808080



# Same Dimension

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



D98D74



FF9470



D9BE74



6E6563



AD2B00



2E0B00



# Inverse Universe

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



74C0D9



70DCFF



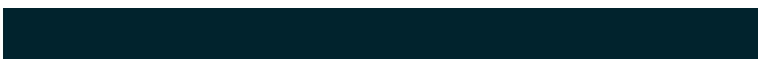
748FD9



636B6E



0082AD



00232E



# Previews

## White Background



This preview shows how the Hex color D98D74 looks on a white background.

## Color Contrast Check

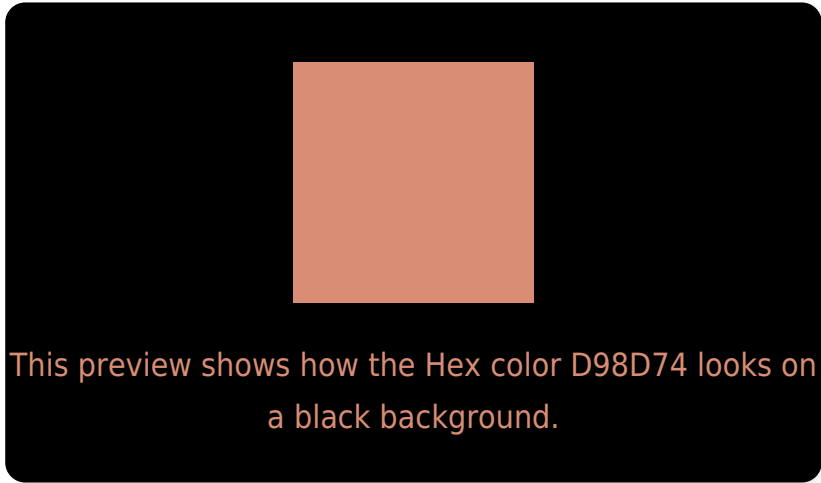
Large Text (above 18pt) WCAG AA × Fail

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 D98D74 Background



This preview shows how black text looks on a background with the Hex color D98D74.



This preview shows how white text looks on a background with the Hex color D98D74.

# 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**  
D98D74

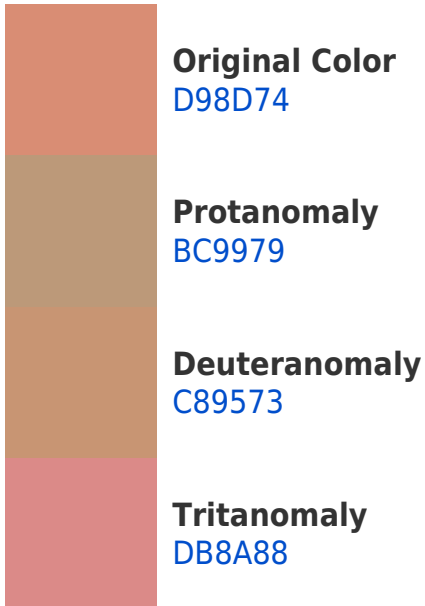
**Protanopia**  
ABA07C

**Deuteranopia**  
BF9972

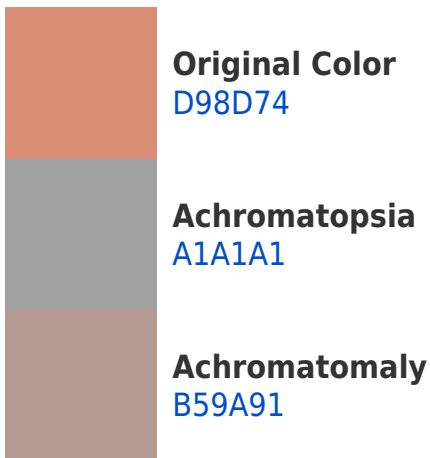


**Tritanopia**  
DC8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D98D74 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 #D98D74 looks like.

```
.text, #text, p{  
    color:#D98D74  
}
```

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 #D98D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98D74
}
```

## Border

The CSS property to change the border of an element to Hex D98D74 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
#D98D74 }
```

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

```
.border{ border-color:#D98D74 }
```

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

Here you see how a box with a 4 pixel #D98D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98D74; -webkit-box-shadow:4px 4px  
4px 4px #D98D74; box-shadow:4px 4px 4px  
4px #D98D74 }
```

# Background

The CSS property to change the background color of an element to Hex D98D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98D74 }
```

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

```
.background{ background-color:#D98D74 }
```

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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