

# Converting Colors

Hex(998D70)

Have a look what the booklet for  
Hex(998D70) contains.

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**Color**

**Hex(998D70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998D70
RGB	153, 141, 112
RGB Percent	60%, 55%, 44%
CMY	0.4000, 0.4471, 0.5608
CMYK	0.00, 0.08, 0.27, 0.40
HSL	42°, 17%, 52%
HSV	42°, 27%, 60%
XYZ	25.5864, 26.9919, 19.1906
YIQ	141.2820, 16.4610, -6.4750

# Conversions

## Conversions Part 2

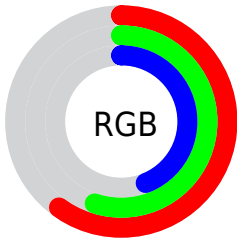
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 153, 112
Decimal	10063216
CIELab	58.97, -0.29, 17.12
CIElCh	59, 17.121, 90.965
Yxy	26.9919, 0.3565, 0.3761
Android (android.graphics.Color)	4288253296 (0xFF998D70)
YUV	141.2820, -14.4360, 10.2767
Hunter-Lab	51.9537, -3.0107, 14.4671

# Details

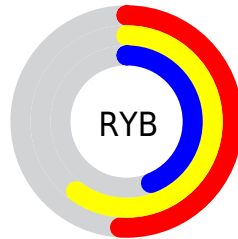
The Hex color **998D70** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **707C99**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D0C3A4**, and **655B40** is the 20% darker color. If you saturate the color by 10%, you get **998961**, and if you desaturate by 10%, it is **99917F**.

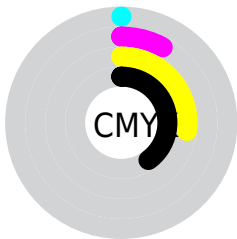
# Distribution



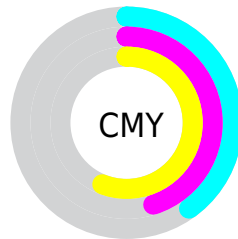
- Red (60%)
- Green (55%)
- Blue (44%)



- Red (51%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998D70 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 998D70 by changing the saturation by 10% instead.



 998D70

 998D70

FFFFFF

 7F7457

 D0C3A4

 655B40


 ECDEBF

 4D442A

 FFFBDB

 362D15

 FFFFF7

 211900

 000000

 998D70

 998D70

 998961

 99917F

 998451

 99968F

998042

999A9E

997B33

999FAD

997723

99A3BD

997214

99A8CC

996E05

99ACDB

996C00

99B1EA

99B5FA

# Harmonies

## Analogous

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



A68874



998D70



899274

# Triad

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



998D70



65969D



A2859D

# Complementary

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



998D70



707C99

# 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.



918AA8



998D70



6C93A8

# Square

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



998D70



6A978E



7D8FAC



AC838E

# Rectangle

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



998D70



7D947B



7D8FAC



9D87A1



# Sweetspot

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



998D70



C7C2B7



99707C



63615A



E3E3E3



636363



# Same Dimension

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



998D70



C7B487



919970



4D4A45



8C6300



0D0900



# Inverse Universe

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



707C99



879AC7



787099



45474D



00298C



00040D



# Previews

## White Background



This preview shows how the Hex color 998D70 looks on a white background.

## Color Contrast Check

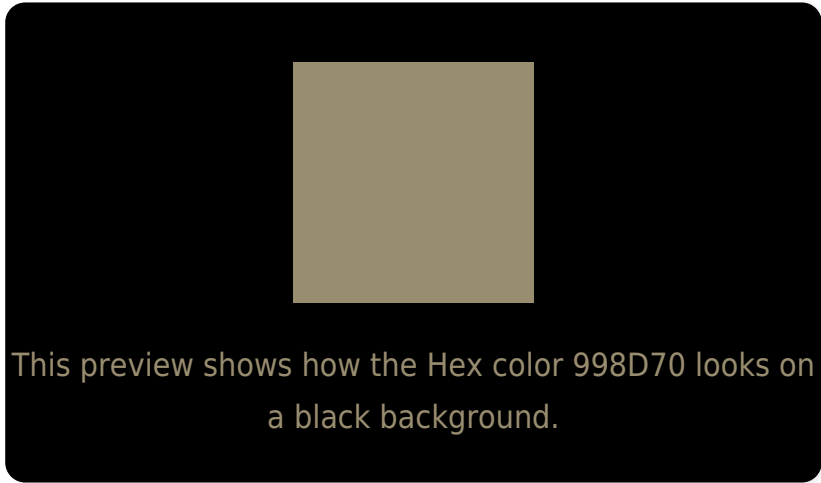
Large Text (above 18pt) WCAG AA ✓ Pass

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

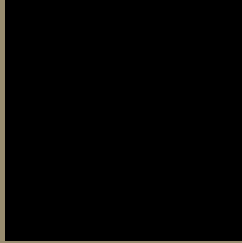
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

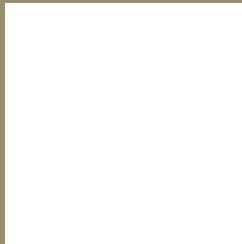
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 998D70 Background



This preview shows how black text looks on a background with the Hex color 998D70.



This preview shows how white text looks on a background with the Hex color 998D70.

# 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**  
998D70

**Protanopia**  
978E70

**Deuteranopia**  
A58871



**Tritanopia**  
9D8893

# Trichromacy



**Original Color**  
998D70

**Protanomaly**  
988E70

**Deuteranomaly**  
A18A71

**Tritanomaly**  
9C8A86

# Monochromacy



**Original Color**  
998D70

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
918D82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998D70 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 #998D70 looks like.

```
.text, #text, p{  
    color:#998D70  
}
```

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 #998D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998D70
}
```

## Border

The CSS property to change the border of an element to Hex 998D70 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
#998D70 }
```

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

```
.border{ border-color:#998D70 }
```

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

Here you see how a box with a 4 pixel #998D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998D70; -webkit-box-shadow:4px 4px  
4px 4px #998D70; box-shadow:4px 4px 4px  
4px #998D70 }
```

# Background

The CSS property to change the background color of an element to Hex 998D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998D70 }
```

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

```
.background{ background-color:#998D70 }
```

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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