

# Converting Colors

Hex(98A972)

Have a look what the booklet for  
Hex(98A972) contains.

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**Color**

**Hex(98A972)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98A972
RGB	152, 169, 114
RGB Percent	60%, 66%, 45%
CMY	0.4039, 0.3373, 0.5529
CMYK	0.10, 0.00, 0.33, 0.34
HSL	79°, 24%, 55%
HSV	79°, 33%, 66%
XYZ	30.1741, 36.2662, 21.3293
YIQ	157.6470, 7.5230, -20.7090

# Conversions

## Conversions Part 2

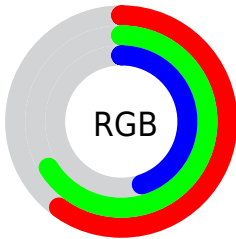
Format	Color
<a href="#">RYB</a>	<a href="#">114, 169, 131</a>
Decimal	<a href="#">10004850</a>
CIELab	<a href="#">66.72, -15.47, 26.47</a>
CIElCh	<a href="#">67, 30.662, 120.309</a>
Yxy	<a href="#">36.2662, 0.3438, 0.4132</a>
Android (android.graphics.Color)	<a href="#">4288194930 (0xFF98A972)</a>
YUV	<a href="#">157.6470, -21.5180, -4.9524</a>
Hunter-Lab	<a href="#">60.2215, -15.9496, 21.1556</a>

# Details

The Hex color **98A972** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8372A9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CFE0A6**, and **647541** is the 20% darker color. If you saturate the color by 10%, you get **93A961**, and if you desaturate by 10%, it is **9DA983**.

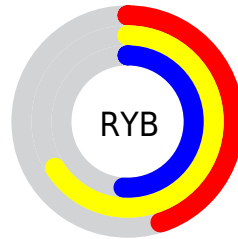
# Distribution



Red (60%)

Green (66%)

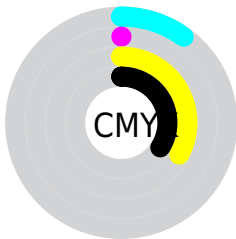
Blue (45%)



Red (45%)

Yellow (66%)

Blue (51%)

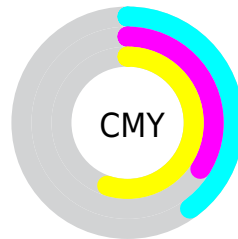


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A972 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 98A972 by changing the saturation by 10% instead.





98A972



98A972

FFFFFF



7E8F59



CFE0A6



647541



EBFDC2



4C5C2A



FFFFDE



344514



FFFFFFA



1F2E00



001B00



000000



98A972



98A972



93A961



9DA983

8EA950

A2A994

88A93F

A8A9A5

83A92E

ADA9B6

7EA91D

B2A9C6

79A90D

B7A9D7

75A900

BDA9E8

C2A9F9

C7A9FF

# Harmonies

## Analogous

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



B5A16B



98A972



78AF86

# Triad

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



98A972



56ACD1



D78EA3

# Complementary

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



98A972



8372A9

# 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.



C692BE



98A972



7EA5D9

# Square

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



98A972



46B1BD



A69BD2



D89088

# Rectangle

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



98A972



62B198



A69BD2



D38EAC



# Sweetspot

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



98A972



D5DBC5



A98372



6A6E60



EDEDED



6E6E6E



# Same Dimension

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



98A972



C1DB86



7DA972



52544C



669400



0E1400



# Inverse Universe

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



8372A9



A086DB



9E72A9



4E4C54



2E0094



060014



# Previews

## White Background



This preview shows how the Hex color 98A972 looks on a white background.

## Color Contrast Check

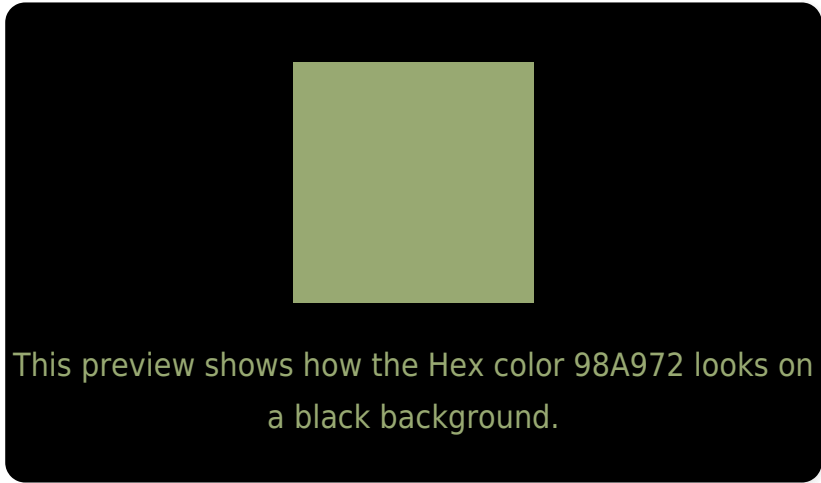
Large Text (above 18pt) WCAG AA × Fail

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

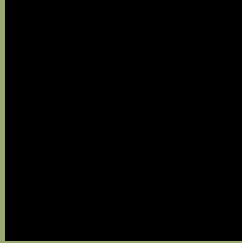
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98A972 Background



This preview shows how black text looks on a background with the Hex color 98A972.



This preview shows how white text looks on a background with the Hex color 98A972.

# 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**  
98A972

**Protanomaly**  
A7A570

**Deuteranomaly**  
B1A074

**Tritanomaly**  
9DA498

# Monochromacy



**Original Color**  
98A972

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9CA28E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A972 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 #98A972 looks like.

```
.text, #text, p{  
    color:#98A972  
}
```

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 #98A972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A972
}
```

## Border

The CSS property to change the border of an element to Hex 98A972 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
#98A972 }
```

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

```
.border{ border-color:#98A972 }
```

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

Here you see how a box with a 4 pixel #98A972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A972; -webkit-box-shadow:4px 4px  
4px 4px #98A972; box-shadow:4px 4px 4px  
4px #98A972 }
```

# Background

The CSS property to change the background color of an element to Hex 98A972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A972 }
```

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

```
.background{ background-color:#98A972 }
```

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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