

# Converting Colors

Hex(99A073)

Have a look what the booklet for  
Hex(99A073) contains.

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**Color**

**Hex(99A073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A073
RGB	153, 160, 115
RGB Percent	60%, 63%, 45%
CMY	0.4000, 0.3725, 0.5490
CMYK	0.04, 0.00, 0.28, 0.37
HSL	69°, 19%, 54%
HSV	69°, 28%, 63%
XYZ	28.8022, 33.1517, 21.1005
YIQ	152.7770, 10.2730, -15.4790

# Conversions

## Conversions Part 2

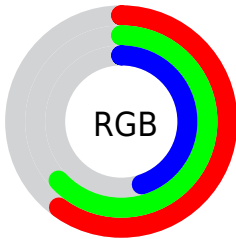
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 160, 122</a>
Decimal	<a href="#">10068083</a>
CIELab	<a href="#">64.28, -10.21, 22.68</a>
CIElCh	<a href="#">64, 24.874, 114.234</a>
Yxy	<a href="#">33.1517, 0.3468, 0.3992</a>
Android (android.graphics.Color)	<a href="#">4288258163 (0xFF99A073)</a>
YUV	<a href="#">152.7770, -18.6241, 0.1956</a>
Hunter-Lab	<a href="#">57.5775, -11.4691, 18.5762</a>

# Details

The Hex color **99A073** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A73A0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D0D7A7**, and **656D42** is the 20% darker color. If you saturate the color by 10%, you get **97A063**, and if you desaturate by 10%, it is **9BA083**.

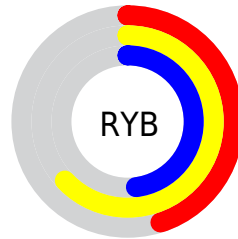
# Distribution



Red (60%)

Green (63%)

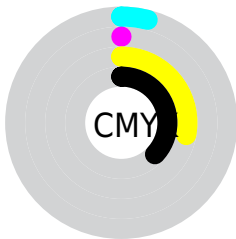
Blue (45%)



Red (45%)

Yellow (63%)

Blue (48%)

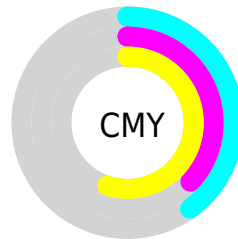


Cyan (4%)

Magenta (0%)

Yellow (28%)

Black (37%)



Cyan (40%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A073 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 99A073 by changing the saturation by 10% instead.





99A073



99A073

FFFFFF



7F865A



D0D7A7



656D42



ECF3C3



4D542C



FFFFDF



353D16



FFFFFB



212700



001400



000000



99A073



99A073



97A063



9BA083

94A053

9EA093

92A043

A0A0A3

8FA033

A3A0B3

8DA023

A5A0C3

8AA013

A8A0D3

88A003

AAA0E3

87A000

ADA0F3

AFA0FF

# Harmonies

## Analogous

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



B09970



99A073



7FA581

# Triad

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



99A073



60A5BF



C58CA1

# Complementary

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



99A073



7A73A0

# 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.



B490B6



99A073



7A9FC8

# Square

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



99A073



59A8AD



9998C4



C98D8B

# Rectangle

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



99A073



6FA78F



9998C4



C18DA8



# Sweetspot

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



99A073



CED1C0



A07A73



67695E



E8E8E8



696969



# Same Dimension

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



99A073



C6D18A



83A073



4E4F47



798F00



0D0F00



# Inverse Universe

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



7A73A0



958AD1



9073A0



48474F



16008F



02000F



# Previews

## White Background



This preview shows how the Hex color 99A073 looks on a white background.

## Color Contrast Check

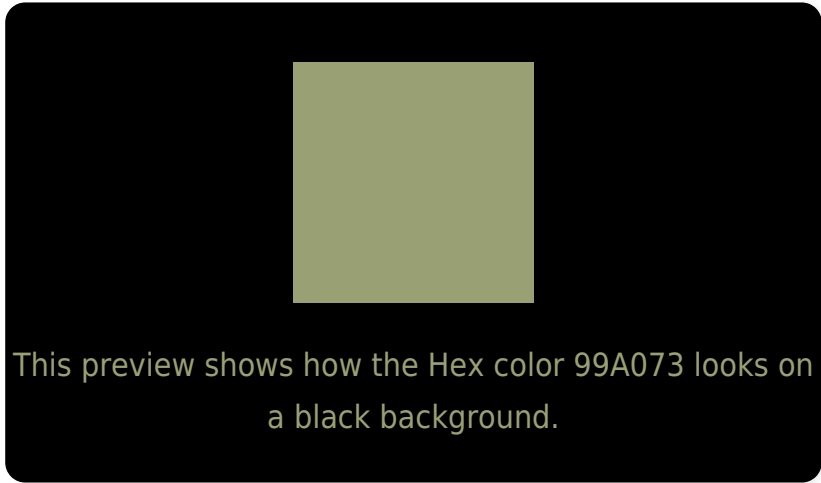
Large Text (above 18pt) WCAG AA × Fail

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

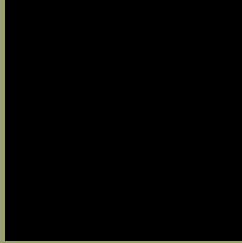
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

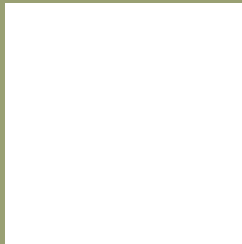
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99A073 Background



This preview shows how black text looks on a background with the Hex color 99A073.

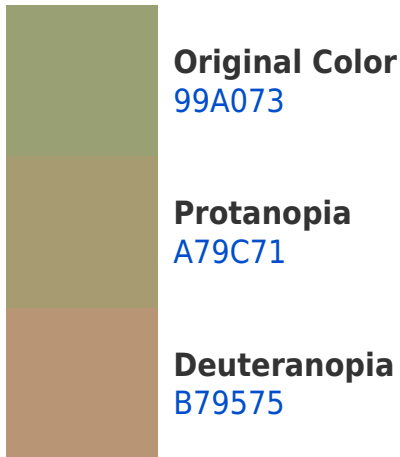


This preview shows how white text looks on a background with the Hex color 99A073.

# 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





**Tritanopia**  
A099A6

# Trichromacy



**Original Color**  
99A073

**Protanomaly**  
A29D72

**Deuteranomaly**  
AC9974

**Tritanomaly**  
9D9C93

# Monochromacy



**Original Color**  
99A073

**Achromatopsia**  
999999

**Achromatomaly**  
999C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A073 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 #99A073 looks like.

```
.text, #text, p{  
    color:#99A073  
}
```

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 #99A073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A073  
}
```

## Border

The CSS property to change the border of an element to Hex 99A073 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  
#99A073 }
```

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

```
.border{ border-color:#99A073 }
```

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

Here you see how a box with a 4 pixel #99A073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A073; -webkit-box-shadow:4px 4px  
4px 4px #99A073; box-shadow:4px 4px 4px  
4px #99A073 }
```

# Background

The CSS property to change the background color of an element to Hex 99A073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A073 }
```

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

```
.background{ background-color:#99A073 }
```

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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