

# Converting Colors

Hex(99AA75)

Have a look what the booklet for  
Hex(99AA75) contains.

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**Color**

**Hex(99AA75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AA75
RGB	153, 170, 117
RGB Percent	60%, 67%, 46%
CMY	0.4000, 0.3333, 0.5412
CMYK	0.10, 0.00, 0.31, 0.33
HSL	79°, 24%, 56%
HSV	79°, 31%, 67%
XYZ	30.7225, 36.8061, 22.3147
YIQ	158.8750, 6.8810, -20.0870

# Conversions

## Conversions Part 2

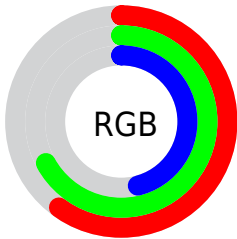
Format	Color
<a href="#">RYB</a>	<a href="#">117, 170, 134</a>
Decimal	<a href="#">10070645</a>
CIELab	<a href="#">67.13, -15.18, 25.41</a>
CIELCh	<a href="#">67, 29.603, 120.852</a>
Yxy	<a href="#">36.8061, 0.3420, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4288260725</a> ( <a href="#">0xFF99AA75</a> )
YUV	<a href="#">158.8750, -20.6444, -5.1524</a>
Hunter-Lab	<a href="#">60.6680, -15.7761, 20.6598</a>

# Details

The Hex color **99AA75** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8675AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D0E1AA**, and **657644** is the 20% darker color. If you saturate the color by 10%, you get **94AA64**, and if you desaturate by 10%, it is **9EAA86**.

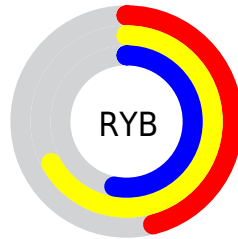
# Distribution



Red (60%)

Green (67%)

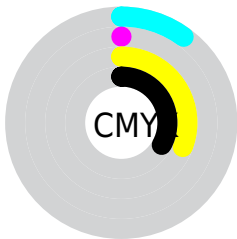
Blue (46%)



Red (46%)

Yellow (67%)

Blue (53%)

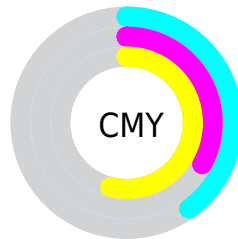


Cyan (10%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AA75 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 99AA75 by changing the saturation by 10% instead.



■ 99AA75

■ 99AA75

FFFFFF

■ 7F905C

■ D0E1AA

■ 657644

■ ECFEC5

■ 4D5D2D

■ FFFFE1

■ 354617

FFFFFFE

■ 1F2F00

■ 011B00

■ 000000

■ 99AA75

■ 99AA75

■ 94AA64

■ 9EAA86

 8EAA53

 A4AA97

 89AA42

 A9AAA8

 83AA31

 AFAAB9

 7EAA20

 B4AACA

 78AA0F

 BAAADB

 73AA00

 BFAAEC

 C5AAFD

 CAAAFF

# Harmonies

## Analogous

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



B5A26E



99AA75



7AB089

# Triad

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



99AA75



5CADD1



D690A4

# Complementary

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



99AA75



8675AA

# 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.



C694BE



99AA75



81A6D8

# Square

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



99AA75



4CB1BE



A89CD1



D89289

# Rectangle

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



99AA75



66B29A



A89CD1



D390AD



# Sweetspot

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



99AA75



D7DECA



AA8675



6C7064



F0F0F0



707070



# Same Dimension

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



99AA75



C4DE8C



7FAA75



51544C



649400



0E1400



# Inverse Universe

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



8675AA



A68CDE



A075AA



4E4C54



2F0094



070014



# Previews

## White Background



This preview shows how the Hex color 99AA75 looks on a white background.

## Color Contrast Check

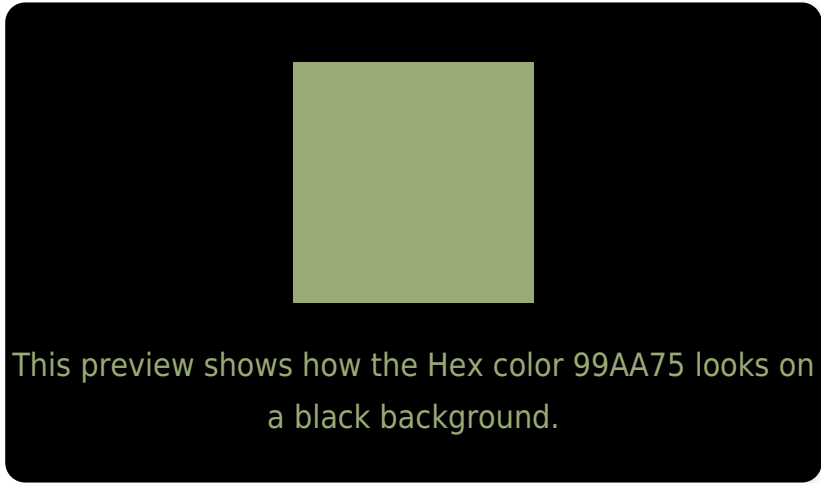
Large Text (above 18pt) WCAG AA × Fail

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

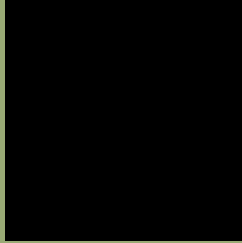
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99AA75 Background



This preview shows how black text looks on a background with the Hex color 99AA75.

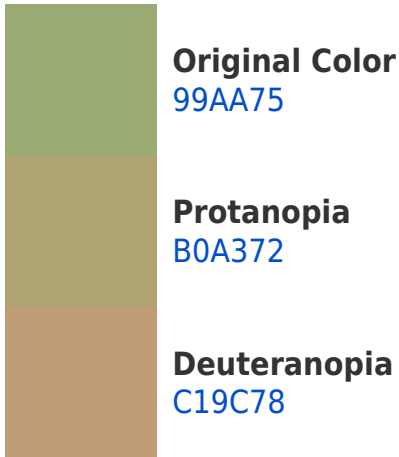


This preview shows how white text looks on a background with the Hex color 99AA75.

# 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](#).

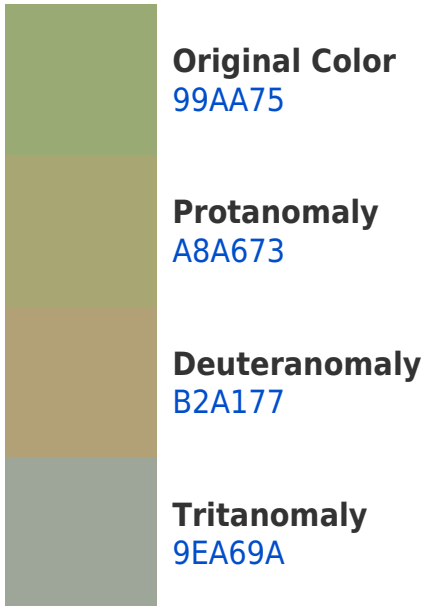
## Dichromacy



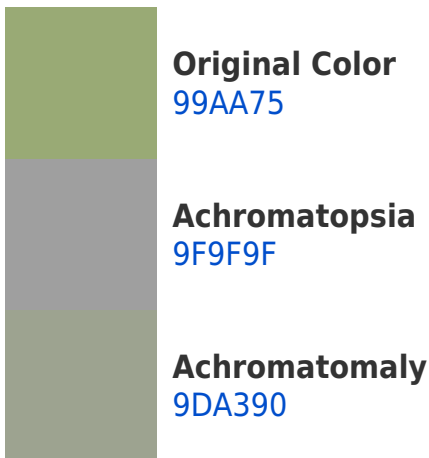


**Tritanopia**  
A1A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AA75 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 #99AA75 looks like.

```
.text, #text, p{  
    color:#99AA75  
}
```

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 #99AA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AA75
}
```

## Border

The CSS property to change the border of an element to Hex 99AA75 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
#99AA75 }
```

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

```
.border{ border-color:#99AA75 }
```

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

Here you see how a box with a 4 pixel #99AA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AA75; -webkit-box-shadow:4px 4px  
4px 4px #99AA75; box-shadow:4px 4px 4px  
4px #99AA75 }
```

# Background

The CSS property to change the background color of an element to Hex 99AA75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AA75 }
```

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

```
.background{ background-color:#99AA75 }
```

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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