

# Converting Colors

Hex(99AE6A)

Have a look what the booklet for  
Hex(99AE6A) contains.

<b>Hex(99AE6A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(99AE6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AE6A
RGB	153, 174, 106
RGB Percent	60%, 68%, 42%
CMY	0.4000, 0.3176, 0.5843
CMYK	0.12, 0.00, 0.39, 0.32
HSL	79°, 30%, 55%
HSV	79°, 39%, 68%
XYZ	30.8744, 38.0850, 19.3596
YIQ	159.9690, 9.3120, -25.6000

# Conversions

## Conversions Part 2

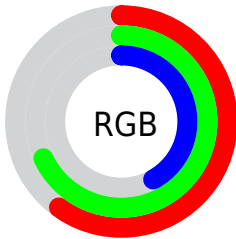
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 174, 127
Decimal	10071658
CIELab	68.08, -18.72, 32.51
CIELCh	68, 37.513, 119.935
Yxy	38.0850, 0.3496, 0.4312
Android (android.graphics.Color)	4288261738 (0xFF99AE6A)
YUV	159.9690, -26.6067, -6.1118
Hunter-Lab	61.7131, -18.6960, 24.5997

# Details

The Hex color **99AE6A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7F6AAE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0E69E**, and **657A39** is the 20% darker color. If you saturate the color by 10%, you get **94AE59**, and if you desaturate by 10%, it is **9EAE7B**.

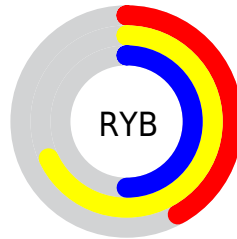
# Distribution



Red (60%)

Green (68%)

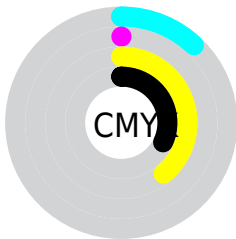
Blue (42%)



Red (42%)

Yellow (68%)

Blue (50%)

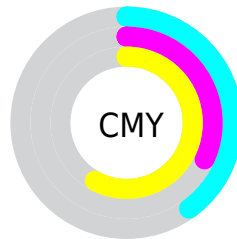


Cyan (12%)

Magenta (0%)

Yellow (39%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AE6A 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 99AE6A by changing the saturation by 10% instead.





99AE6A



99AE6A

FFFFFF



7E9351



D0E69E



657A39



EDFFB9



4C6122



FFFFD5



344909



FFFFFF2



1E3200



001E00



000000



99AE6A



99AE6A



94AE59



9EAE7B

8EAE47

A4AE8D

89AE36

A9AE9E

84AE24

AEAEB0

7EAE13

B4AEC1

79AE02

B9AED2

78AE00

BFAEE4

C4AEF5

C9AEFF

# Harmonies

## Analogous

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



BCA462



99AE6A



70B583

# Triad

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



99AE6A



35B2E0



E58CA7

# Complementary

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



99AE6A



7F6AAE

# 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.



D092C8



99AE6A



74A9E9

# Square

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



99AE6A



06B7C7



AA9DE1



E78E86

# Rectangle

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



99AE6A



52B799



AA9DE1



E08DB3



# Sweetspot

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



99AE6A



DBE3C8



AE7E6A



6E7363



F2F2F2



737373



# Same Dimension

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



99AE6A



C2E378



78AE6A



54574E



689600



101700



# Inverse Universe

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



7F6AAE



9978E3



A06AAE



514E57



2E0096



070017



# Previews

## White Background



This preview shows how the Hex color 99AE6A looks on a white background.

## Color Contrast Check

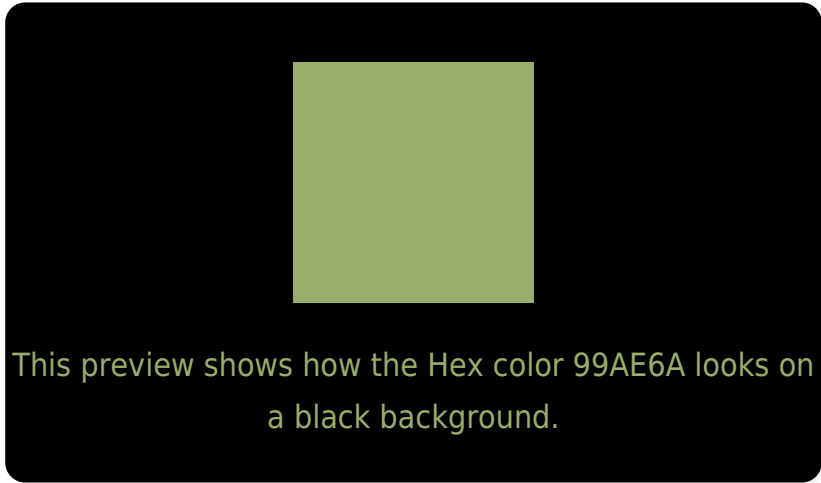
Large Text (above 18pt) WCAG AA × Fail

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

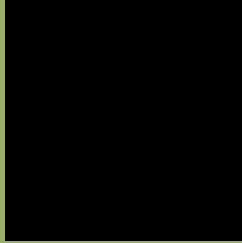
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99AE6A Background



This preview shows how black text looks on a background with the Hex color 99AE6A.

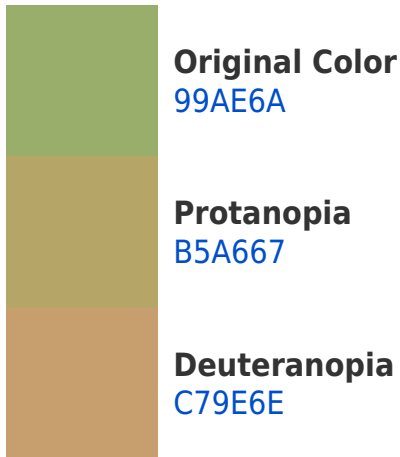


This preview shows how white text looks on a background with the Hex color 99AE6A.

# 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**  
A3A5B2

# Trichromacy



**Original Color**  
99AE6A

**Protanomaly**  
ABA968

**Deuteranomaly**  
B6A46D

**Tritanomaly**  
9FA898

# Monochromacy



**Original Color**  
99AE6A

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9DA58C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AE6A 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 #99AE6A looks like.

```
.text, #text, p{  
    color:#99AE6A  
}
```

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 #99AE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AE6A
}
```

## Border

The CSS property to change the border of an element to Hex 99AE6A 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
#99AE6A }
```

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

```
.border{ border-color:#99AE6A }
```

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

Here you see how a box with a 4 pixel #99AE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AE6A; -webkit-box-shadow:4px 4px  
4px 4px #99AE6A; box-shadow:4px 4px 4px  
4px #99AE6A }
```

# Background

The CSS property to change the background color of an element to Hex 99AE6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AE6A }
```

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

```
.background{ background-color:#99AE6A }
```

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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