

Converting Colors

Hex(99AE63)

Have a look what the booklet for
Hex(99AE63) contains.

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Color

Hex(99AE63)

Conversions

Conversions Part 1

Format	Color
Hex	99AE63
RGB	153, 174, 99
RGB Percent	60%, 68%, 39%
CMY	0.4000, 0.3176, 0.6118
CMYK	0.12, 0.00, 0.43, 0.32
HSL	77°, 32%, 54%
HSV	77°, 43%, 68%
XYZ	30.5251, 37.9453, 17.5197
YIQ	159.1710, 11.5590, -27.7770

Conversions

Conversions Part 2

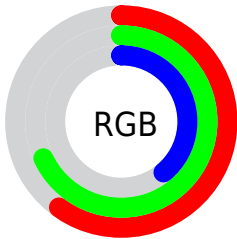
Format	Color
RYB	99, 174, 120
Decimal	10071651
CIELab	67.98, -19.58, 36.01
CIELCh	68, 40.990, 118.529
Yxy	37.9453, 0.3550, 0.4413
Android (android.graphics.Color)	4288261731 (0xFF99AE63)
YUV	159.1710, -29.6643, -5.4120
Hunter-Lab	61.5997, -19.3458, 26.2570

Details

The Hex color **99AE63** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7863AE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D0E697**, and **647A32** is the 20% darker color. If you saturate the color by 10%, you get **94AE52**, and if you desaturate by 10%, it is **9EAE74**.

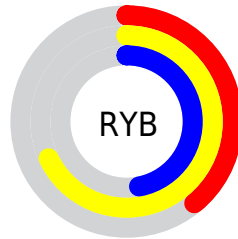
Distribution



Red (60%)

Green (68%)

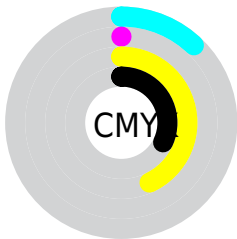
Blue (39%)



Red (39%)

Yellow (68%)

Blue (47%)

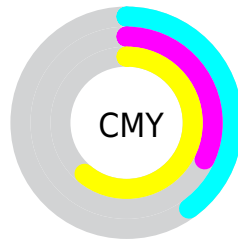


Cyan (12%)

Magenta (0%)

Yellow (43%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99AE63 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 99AE63 by changing the saturation by 10% instead.

 99AE63

 99AE63

FFFFFF

 7E934A

 D0E697

 647A32

 EDFFB2

 4B611A

 FFFFCE

 334900

 FFFFEA

 1C3200

 001E00

 000000

 99AE63

 99AE63

 94AE52

 9EAE74

 8FAE40

 A3AE86

 8AAE2F

 A8AE97

 86AE1D

 ACAEA9

 81AE0C

 B1AEBA

 7DAE00

 B6AECB

 BBAEDD

 C0AEEE

 C5AEFF

Harmonies

Analogous

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



BFA35B



99AE63



6CB57E

Triad

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



99AE63



00B3E4



E988A9

Complementary

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



99AE63



7863AE

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.



D290CD



99AE63



69AAEF

Square

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



99AE63



00B8C8



A79DE7



EC8B84

Rectangle

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



99AE63



48B896



A79DE7



E48AB5

Sweetspot

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



99AE63



DBE3C5



AE7763



6E7360



F2F2F2



737373

Same Dimension

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



99AE63



C2E36D



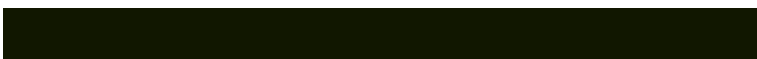
75AE63



54574E



6C9600



111700

Inverse Universe

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



7863AE



8E6DE3



9C63AE



504E57



2A0096



060017

Previews

White Background



This preview shows how the Hex color 99AE63 looks on a white background.

Color Contrast Check

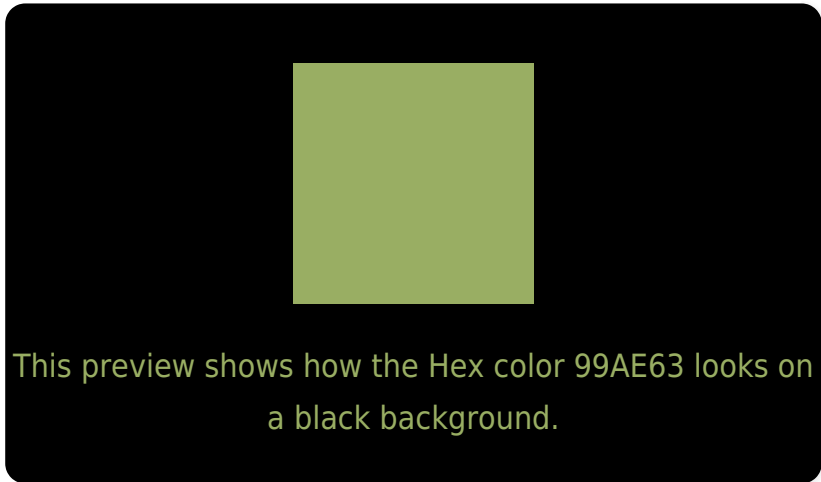
Large Text (above 18pt) WCAG AA × Fail

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

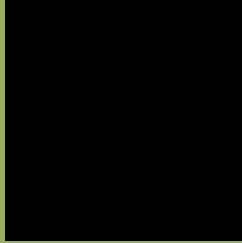
Any Text WCAG AA ✓ Pass

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 99AE63 Background



This preview shows how black text looks on a background with the Hex color 99AE63.

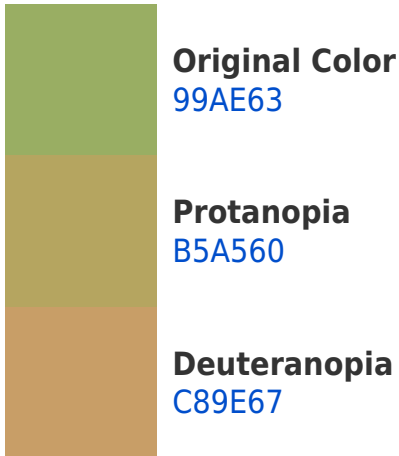


This preview shows how white text looks on a background with the Hex color 99AE63.

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](#).

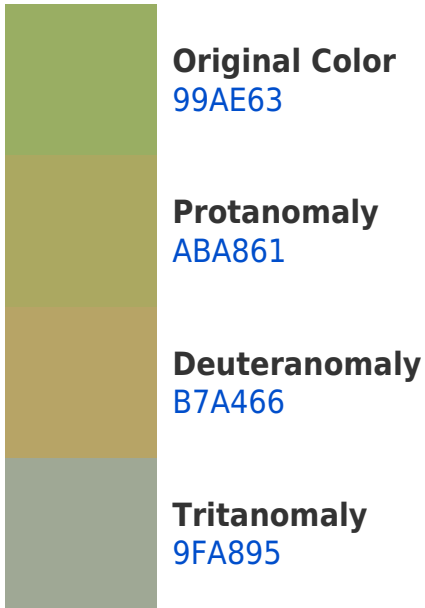
Dichromacy



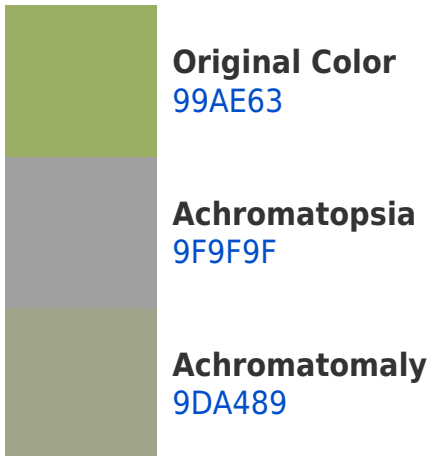


Tritanopia
A3A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99AE63 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 #99AE63 looks like.

```
.text, #text, p{  
    color:#99AE63  
}
```

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 #99AE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AE63  
}
```

Border

The CSS property to change the border of an element to Hex 99AE63 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  
#99AE63 }
```

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

```
.border{ border-color:#99AE63 }
```

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

Here you see how a box with a 4 pixel #99AE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AE63; -webkit-box-shadow:4px 4px  
4px 4px #99AE63; box-shadow:4px 4px 4px  
4px #99AE63 }
```

Background

The CSS property to change the background color of an element to Hex 99AE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AE63 }
```

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

```
.background{ background-color:#99AE63 }
```

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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