

Converting Colors

Hex(99AC78)

Have a look what the booklet for
Hex(99AC78) contains.

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Color

Hex(99AC78)

Conversions

Conversions Part 1

Format	Color
Hex	99AC78
RGB	153, 172, 120
RGB Percent	60%, 67%, 47%
CMY	0.4000, 0.3255, 0.5294
CMYK	0.11, 0.00, 0.30, 0.33
HSL	82°, 24%, 57%
HSV	82°, 30%, 67%
XYZ	31.2796, 37.6334, 23.3847
YIQ	160.3910, 5.3680, -20.2000

Conversions

Conversions Part 2

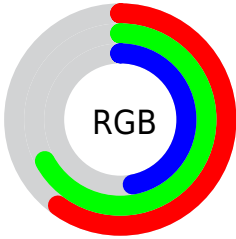
Format	Color
RYB	120, 172, 139
Decimal	10071160
CIELab	67.75, -15.78, 24.62
CIELCh	68, 29.249, 122.660
Yxy	37.6334, 0.3389, 0.4077
Android (android.graphics.Color)	4288261240 (0xFF99AC78)
YUV	160.3910, -19.9128, -6.4819
Hunter-Lab	61.3461, -16.3408, 20.3414

Details

The Hex color **99AC78** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8B78AC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D0E3AD**, and **657847** is the 20% darker color. If you saturate the color by 10%, you get **93AC67**, and if you desaturate by 10%, it is **9FAC89**.

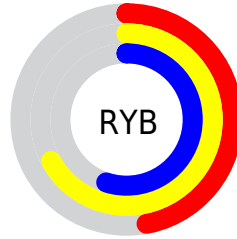
Distribution



Red (60%)

Green (67%)

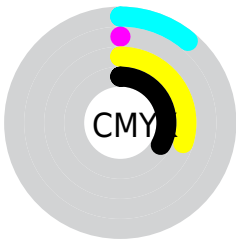
Blue (47%)



Red (47%)

Yellow (67%)

Blue (55%)

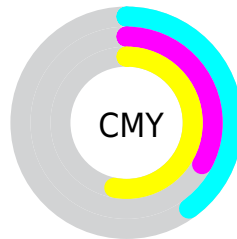


Cyan (11%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99AC78 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 99AC78 by changing the saturation by 10% instead.



99AC78



99AC78

FFFFFF



7F915F



D0E3AD



657847



ECFFC8



4D5F30



FFFFE4



35471A



1F3101



021C00



000000



99AC78



99AC78



93AC67



9FAC89

 8CAC56

 A6AC9A

 86AC44

 ACACAC

 80AC33

 B2ACBD

 7AAC22

 B8ACCE

 73AC11

 BFACDF

 6DAC00

 C5ACF0

 CBACFF

 D2ACFF

Harmonies

Analogous

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



B5A470



99AC78



7AB18C

Triad

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



99AC78



61AED3



D891A4

Complementary

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



99AC78



8B78AC

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.



C995BE



99AC78



86A7D9

Square

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



99AC78



50B3C1



AC9DD1



D8948A

Rectangle

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



99AC78



66B39D



AC9DD1



D592AD

Sweetspot

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



99AC78



D9E0CC



AC8A78



6C7064



F0F0F0



707070

Same Dimension

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



99AC78



C3E090



80AC78



54574E



5F9600



0F1700

Inverse Universe

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



8B78AC



AD90E0



A478AC



514E57



370096



080017

Previews

White Background



This preview shows how the Hex color 99AC78 looks on a white background.

Color Contrast Check

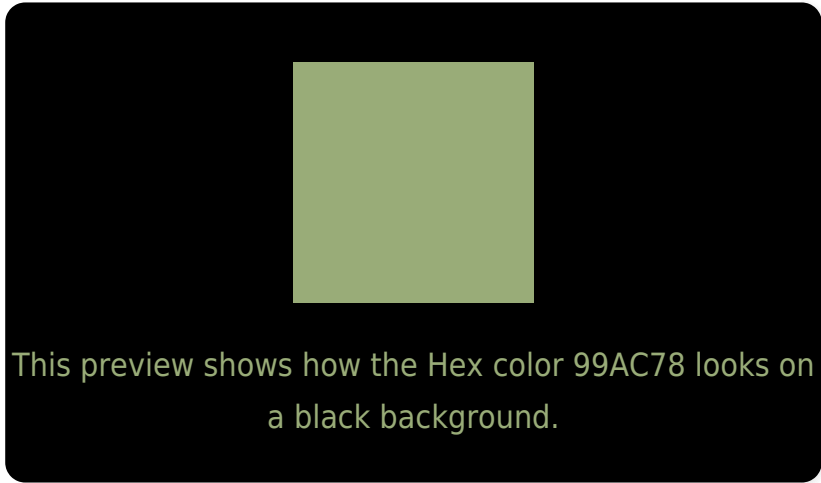
Large Text (above 18pt) WCAG AA × Fail

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

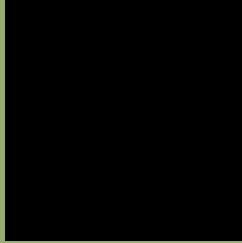
Any Text WCAG AA ✓ Pass

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 99AC78 Background



This preview shows how black text looks on a background with the Hex color 99AC78.

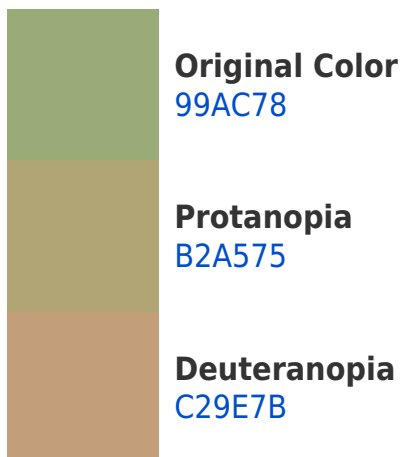


This preview shows how white text looks on a background with the Hex color 99AC78.

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](#).

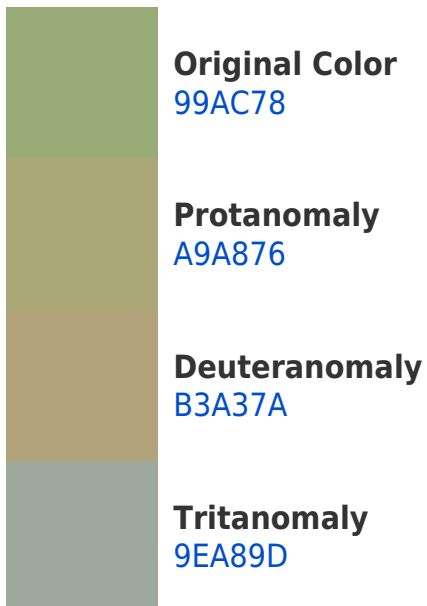
Dichromacy



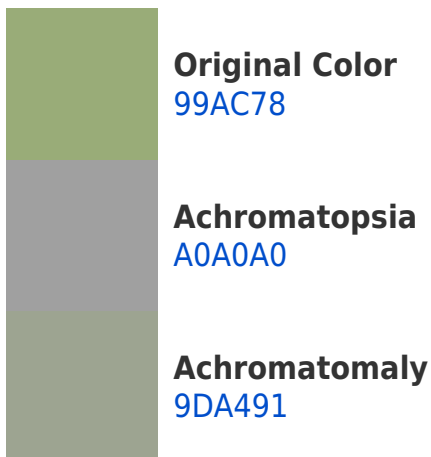


Tritanopia
A1A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99AC78 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 #99AC78 looks like.

```
.text, #text, p{  
    color:#99AC78  
}
```

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 #99AC78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AC78
}
```

Border

The CSS property to change the border of an element to Hex 99AC78 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
#99AC78 }
```

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

```
.border{ border-color:#99AC78 }
```

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

Here you see how a box with a 4 pixel #99AC78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AC78; -webkit-box-shadow:4px 4px  
4px 4px #99AC78; box-shadow:4px 4px 4px  
4px #99AC78 }
```

Background

The CSS property to change the background color of an element to Hex 99AC78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AC78 }
```

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

```
.background{ background-color:#99AC78 }
```

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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