

Converting Colors

Hex(9BAC74)

Have a look what the booklet for
Hex(9BAC74) contains.

Hex(9BAC74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BAC74)

Conversions

Conversions Part 1

Format	Color
Hex	9BAC74
RGB	155, 172, 116
RGB Percent	61%, 67%, 45%
CMY	0.3922, 0.3255, 0.5451
CMYK	0.10, 0.00, 0.33, 0.33
HSL	78°, 25%, 56%
HSV	78°, 33%, 67%
XYZ	31.4225, 37.7346, 22.1504
YIQ	160.5330, 7.8440, -21.0200

Conversions

Conversions Part 2

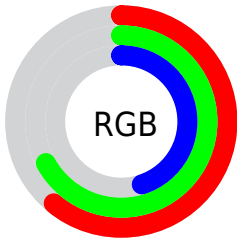
Format	Color
RYB	116, 172, 133
Decimal	10202228
CIELab	67.82, -15.58, 26.90
CIELCh	68, 31.086, 120.083
Yxy	37.7346, 0.3441, 0.4133
Android (android.graphics.Color)	4288392308 (0xFF9BAC74)
YUV	160.5330, -21.9548, -4.8524
Hunter-Lab	61.4285, -16.1918, 21.6207

Details

The Hex color **9BAC74** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8574AC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D2E3A9**, and **677843** is the 20% darker color. If you saturate the color by 10%, you get **96AC63**, and if you desaturate by 10%, it is **A0AC85**.

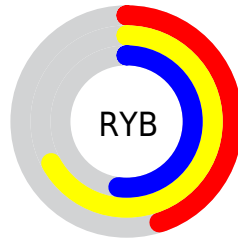
Distribution



Red (61%)

Green (67%)

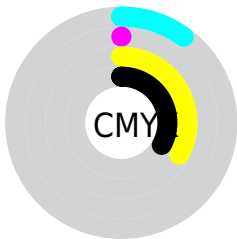
Blue (45%)



Red (45%)

Yellow (67%)

Blue (52%)

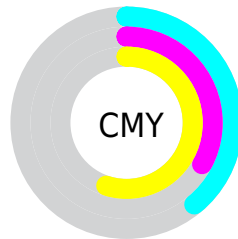


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BAC74 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 9BAC74 by changing the saturation by 10% instead.



9BAC74



9BAC74

FFFFFF



81915B



D2E3A9



677843



EFFFC4



4E5F2C



FFFEE0



374716

FFFFFFD



213100



031D00



000000



9BAC74



9BAC74



96AC63



A0AC85

 91AC52

 A5AC96

 8BAC40

 ABACA8

 86AC2F

 B0ACB9

 81AC1E

 B5ACCA

 7CAC0D

 BAACDB

 78AC00

 C0ACEC

 C5ACFE

 CAACFF

Harmonies

Analogous

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



B9A36D



9BAC74



7AB288

Triad

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



9BAC74



58B0D5



DA90A6

Complementary

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



9BAC74



8574AC

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.



C995C2



9BAC74



80A8DD

Square

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



9BAC74



47B4C0



A99ED6



DC928B

Rectangle

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



9BAC74



64B49B



A99ED6



D691B0

Sweetspot

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



9BAC74



DAE0CA



AC8574



6C7063



F0F0F0



707070

Same Dimension

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



9BAC74



C6E089



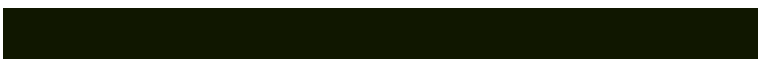
7FAC74



54574E



699600



101700

Inverse Universe

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



8574AC



A389E0



A174AC



514E57



2E0096



070017

Previews

White Background



This preview shows how the Hex color 9BAC74 looks on a white background.

Color Contrast Check

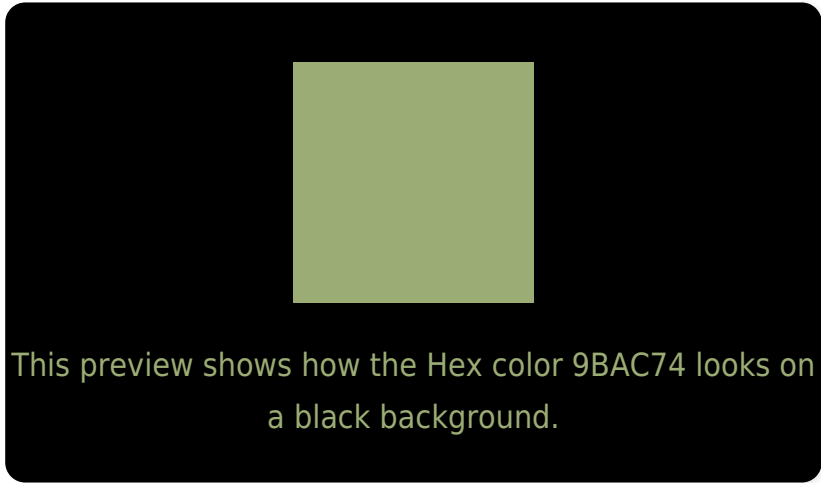
Large Text (above 18pt) WCAG AA × Fail

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

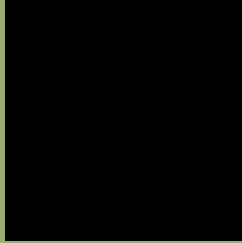
Any Text WCAG AA ✓ Pass

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 9BAC74 Background



This preview shows how black text looks on a background with the Hex color 9BAC74.

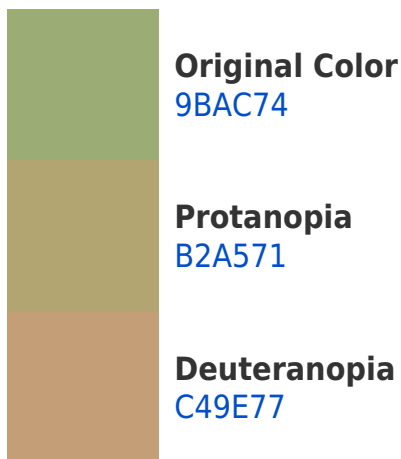


This preview shows how white text looks on a background with the Hex color 9BAC74.

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
A3A4B1

Trichromacy



Original Color
9BAC74

Protanomaly
AAA872

Deuteranomaly
B5A376

Tritanomaly
A0A79B

Monochromacy



Original Color
9BAC74

Achromatopsia
A1A1A1

Achromatomaly
9FA591

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BAC74 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 #9BAC74 looks like.

```
.text, #text, p{  
    color:#9BAC74  
}
```

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 #9BAC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAC74
}
```

Border

The CSS property to change the border of an element to Hex 9BAC74 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
#9BAC74 }
```

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

```
.border{ border-color:#9BAC74 }
```

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

Here you see how a box with a 4 pixel #9BAC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAC74; -webkit-box-shadow:4px 4px  
4px 4px #9BAC74; box-shadow:4px 4px 4px  
4px #9BAC74 }
```

Background

The CSS property to change the background color of an element to Hex 9BAC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAC74 }
```

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

```
.background{ background-color:#9BAC74 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor