

# Converting Colors

Hex(9AB071)

Have a look what the booklet for  
Hex(9AB071) contains.

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**Color**

**Hex(9AB071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9AB071
RGB	154, 176, 113
RGB Percent	60%, 69%, 44%
CMY	0.3961, 0.3098, 0.5569
CMYK	0.13, 0.00, 0.36, 0.31
HSL	81°, 29%, 57%
HSV	81°, 36%, 69%
XYZ	31.8324, 39.1129, 21.4946
YIQ	162.2400, 7.1110, -24.2570

# Conversions

## Conversions Part 2

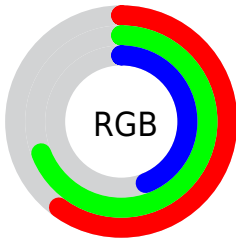
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 176, 135</a>
Decimal	<a href="#">10137713</a>
CIELab	<a href="#">68.83, -18.43, 29.81</a>
CIELCh	<a href="#">69, 35.049, 121.730</a>
Yxy	<a href="#">39.1129, 0.3444, 0.4231</a>
Android (android.graphics.Color)	<a href="#">4288327793 (0xFF9AB071)</a>
YUV	<a href="#">162.2400, -24.2753, -7.2265</a>
Hunter-Lab	<a href="#">62.5403, -18.5909, 23.4008</a>

# Details

The Hex color **9AB071** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8771B0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D1E8A5**, and **667B40** is the 20% darker color. If you saturate the color by 10%, you get **94B05F**, and if you desaturate by 10%, it is **A0B083**.

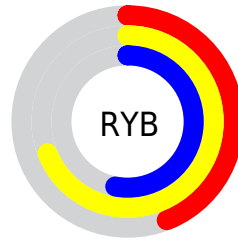
# Distribution



Red (60%)

Green (69%)

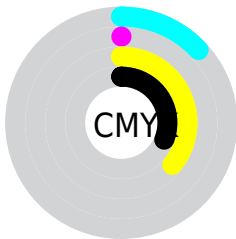
Blue (44%)



Red (44%)

Yellow (69%)

Blue (53%)

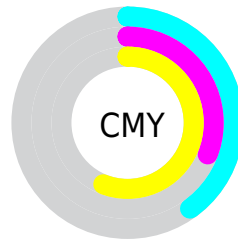


Cyan (13%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (40%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AB071 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 9AB071 by changing the saturation by 10% instead.





9AB071



9AB071

FFFFFF



809558



D1E8A5



667B40



EEFFC1



4D6229



FFFFDD



354B12



FFFFFFA



1F3400



021F00



000000



9AB071



9AB071



94B05F



A0B083

 8EB04E

 A6B094

 88B03C

 ACB0A6

 81B02B

 B3B0B7

 7BB019

 B9B0C9

 75B007

 BFB0DB

 73B000

 C5B0EC

 CBB0FE

 D1B0FF

# Harmonies

## Analogous

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



BBA768



9AB071



74B689

# Triad

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



9AB071



4BB3DF



E490A7

# Complementary

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



9AB071



8771B0

# 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.



D295C7



9AB071



7EAAE7

# Square

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



9AB071



30B8C8



AE9FDE



E59388

# Rectangle

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



9AB071



59B99E



AE9FDE



E090B2



# Sweetspot

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



9AB071



DDE6CC



B08671



6E7364



F2F2F2



737373



# Same Dimension

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



9AB071



C3E683



7BB071



565950



649900



111A00



# Inverse Universe

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



8771B0



A583E6



A671B0



535059



350099



09001A



# Previews

## White Background



This preview shows how the Hex color 9AB071 looks on a white background.

## Color Contrast Check

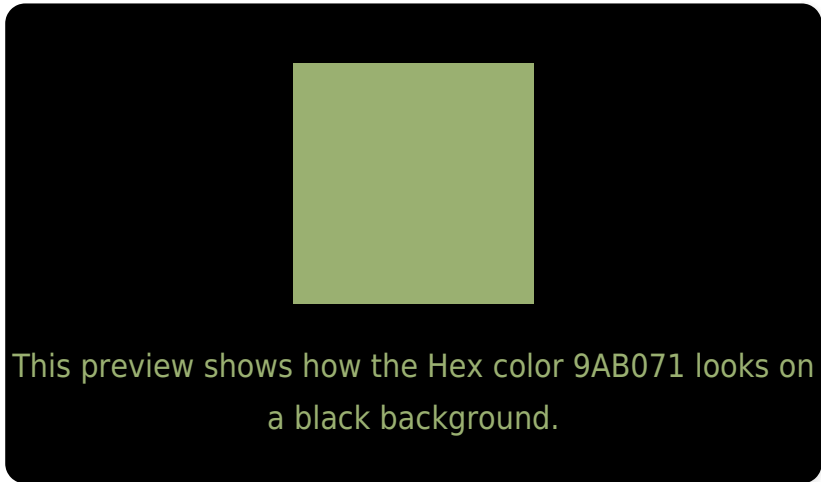
Large Text (above 18pt) WCAG AA × Fail

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

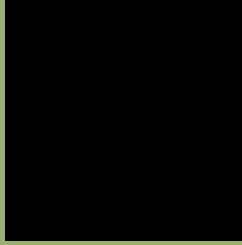
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AB071 Background



This preview shows how black text looks on a background with the Hex color 9AB071.

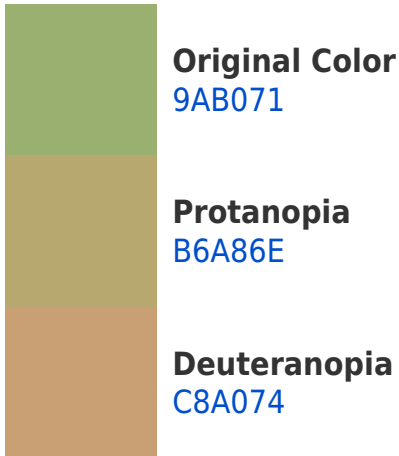


This preview shows how white text looks on a background with the Hex color 9AB071.

# 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



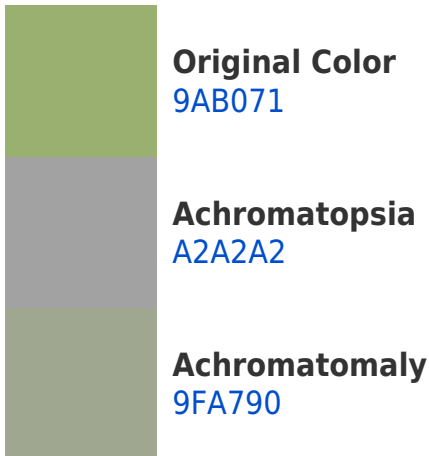


**Tritanopia**  
A3A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AB071 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 #9AB071 looks like.

```
.text, #text, p{  
    color:#9AB071  
}
```

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 #9AB071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB071
}
```

## Border

The CSS property to change the border of an element to Hex 9AB071 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
#9AB071 }
```

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

```
.border{ border-color:#9AB071 }
```

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

Here you see how a box with a 4 pixel #9AB071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB071; -webkit-box-shadow:4px 4px  
4px 4px #9AB071; box-shadow:4px 4px 4px  
4px #9AB071 }
```

# Background

The CSS property to change the background color of an element to Hex 9AB071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB071 }
```

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

```
.background{ background-color:#9AB071 }
```

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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