

# Converting Colors

Hex(9AAB64)

Have a look what the booklet for  
Hex(9AAB64) contains.

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# **Color**

**Hex(9AAB64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AAB64
RGB	154, 171, 100
RGB Percent	60%, 67%, 39%
CMY	0.3961, 0.3294, 0.6078
CMYK	0.10, 0.00, 0.42, 0.33
HSL	74°, 30%, 53%
HSV	74°, 42%, 67%
XYZ	30.1896, 36.9159, 17.5909
YIQ	157.8230, 12.6590, -25.6850

# Conversions

## Conversions Part 2

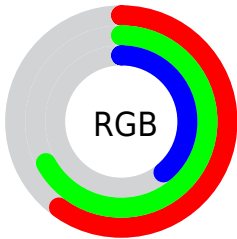
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 171, 117</a>
Decimal	<a href="#">10136420</a>
CIELab	<a href="#">67.21, -17.53, 34.54</a>
CIELCh	<a href="#">67, 38.739, 116.910</a>
Yxy	<a href="#">36.9159, 0.3564, 0.4359</a>
Android (android.graphics.Color)	<a href="#">4288326500 (0xFF9AAB64)</a>
YUV	<a href="#">157.8230, -28.5067, -3.3528</a>
Hunter-Lab	<a href="#">60.7585, -17.6346, 25.3652</a>

# Details

The Hex color **9AAB64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7564AB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D1E298**, and **667733** is the 20% darker color. If you saturate the color by 10%, you get **96AB53**, and if you desaturate by 10%, it is **9EAB75**.

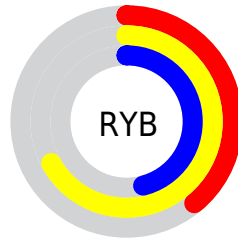
# Distribution



Red (60%)

Green (67%)

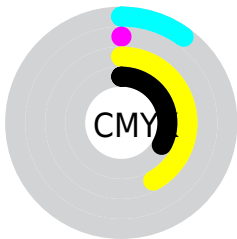
Blue (39%)



Red (39%)

Yellow (67%)

Blue (46%)

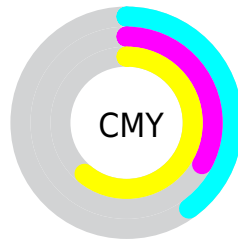


Cyan (10%)

Magenta (0%)

Yellow (42%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AAB64 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 9AAB64 by changing the saturation by 10% instead.





9AAB64



9AAB64

FFFFFF



7F904B



D1E298



667733



EEFFB3



4C5E1B



FFFFCF



344602



FFFFEB



1E3000



001C00



000000



9AAB64



9AAB64



96AB53



9EAB75

 92AB42

 A2AB86

 8EAB31

 A6AB97

 8AAB20

 AAABA8

 86AB0E

 AEABB9

 82AB00

 B3ABCB

 B7ABDC

 BBABED

 BFABFE

# Harmonies

## Analogous

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



BDA05D



9AAB64



71B27C

# Triad

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



9AAB64



1AB1DD



E388A9

# Complementary

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



9AAB64



7564AB

# 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.



CC90CA



9AAB64



68A8E9

# Square

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



9AAB64



00B6C2



A29CE2



E78A86

# Rectangle

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



9AAB64



51B593



A29CE2



DE8AB4



# Sweetspot

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



9AAB64



D7DEC3



AB7564



6C7060



F0F0F0



707070



# Same Dimension

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



9AAB64



C3DE6F



77AB64



55574E



729600



111700



# Inverse Universe

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



7564AB



896FDE



9864AB



504E57



240096



050017



# Previews

## White Background



This preview shows how the Hex color 9AAB64 looks on a white background.

## Color Contrast Check

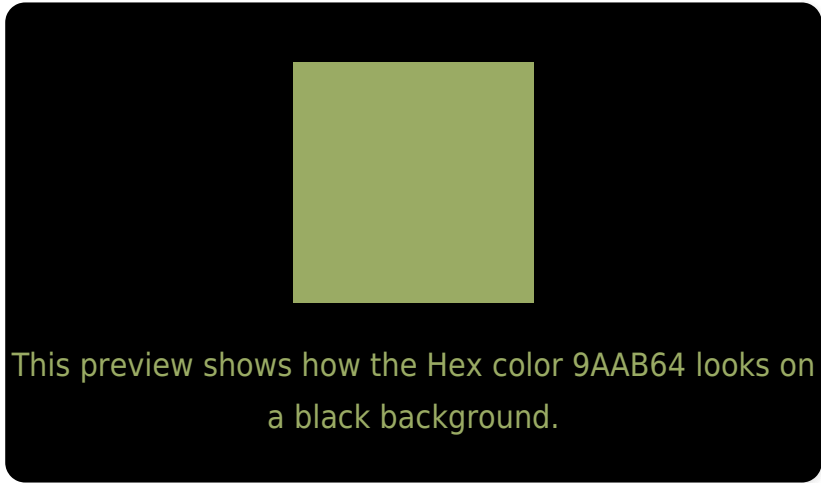
Large Text (above 18pt) WCAG AA × Fail

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

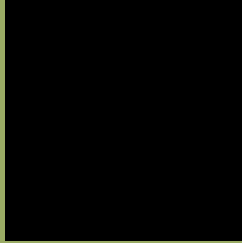
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AAB64 Background



This preview shows how black text looks on a background with the Hex color 9AAB64.



This preview shows how white text looks on a background with the Hex color 9AAB64.

# 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](#).

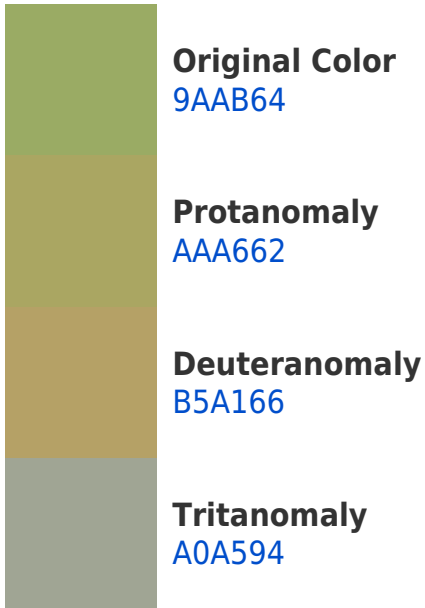
## Dichromacy



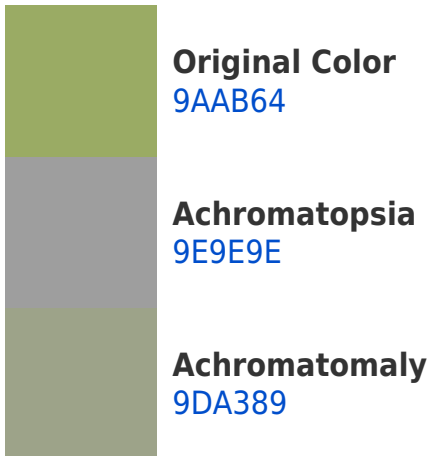


**Tritanopia**  
A3A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AAB64 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 #9AAB64 looks like.

```
.text, #text, p{  
    color:#9AAB64  
}
```

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 #9AAB64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAB64
}
```

## Border

The CSS property to change the border of an element to Hex 9AAB64 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
#9AAB64 }
```

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

```
.border{ border-color:#9AAB64 }
```

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

Here you see how a box with a 4 pixel #9AAB64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAB64; -webkit-box-shadow:4px 4px  
4px 4px #9AAB64; box-shadow:4px 4px 4px  
4px #9AAB64 }
```

# Background

The CSS property to change the background color of an element to Hex 9AAB64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAB64 }
```

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

```
.background{ background-color:#9AAB64 }
```

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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