

# Converting Colors

Hex(9ABA63)

Have a look what the booklet for  
Hex(9ABA63) contains.

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**Color**

**Hex(9ABA63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ABA63
RGB	154, 186, 99
RGB Percent	60%, 73%, 39%
CMY	0.3961, 0.2706, 0.6118
CMYK	0.17, 0.00, 0.47, 0.27
HSL	82°, 39%, 56%
HSV	82°, 47%, 73%
XYZ	33.1375, 42.8887, 18.3362
YIQ	166.5140, 8.8550, -33.8410

# Conversions

## Conversions Part 2

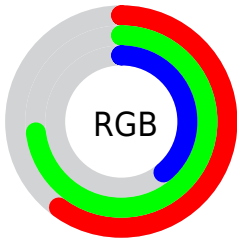
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 186, 131
Decimal	10140259
CIELab	71.48, -25.16, 40.38
CIELCh	71, 47.577, 121.923
Yxy	42.8887, 0.3512, 0.4545
Android (android.graphics.Color)	4288330339 (0xFF9ABA63)
YUV	166.5140, -33.2844, -10.9748
Hunter-Lab	65.4895, -24.2861, 29.2422

# Details

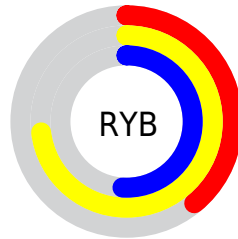
The Hex color **9ABA63** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8363BA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D2F297**, and **658531** is the 20% darker color. If you saturate the color by 10%, you get **93BA50**, and if you desaturate by 10%, it is **A1BA76**.

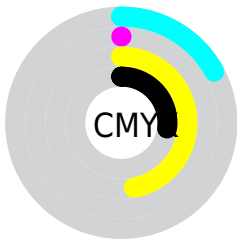
# Distribution



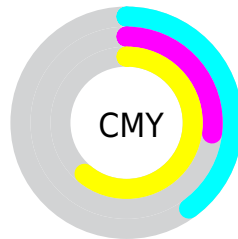
- Red (60%)
- Green (73%)
- Blue (39%)



- Red (39%)
- Yellow (73%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABA63 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 9ABA63 by changing the saturation by 10% instead.



 9ABA63

 9ABA63

FFFFFF

 7F9F4A

 D2F297

 658531

 EFFF83

 4B6B18

 FFFF8F

 325300

 FFFFEB

 1B3C00

 002600

 000A00

 000000

 9ABA63

 9ABA63

 93BA50

 A1BA76

 8CBA3E

 A8BA88

 85BA2B

 AFBA9B

 7FBA19

 B5BAAD

 78BA06

 BCBAC0

 76BA00

 C3BAD3

 CABAE5

 D1BAF8

 D8BAFF

# Harmonies

## Analogous

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



C7AE56



9ABA63



63C285

# Triad

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



9ABA63



00BEFB



FF8BAE

# Complementary

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



9ABA63



8363BA

# Split Complementary

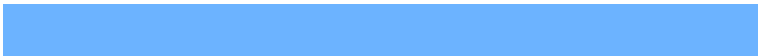
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E793D9



9ABA63



6CB3FF

# Square

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



9ABA63



00C4DC



B6A3F9



FF9083

# Rectangle

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



9ABA63



2AC5A1



B6A3F9



FA8DBD

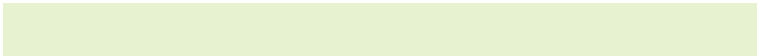


# Sweetspot

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



9ABA63



E6F2D0



BA8363



737A66



FAFAFA



7A7A7A



# Same Dimension

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



9ABA63



C0F26B



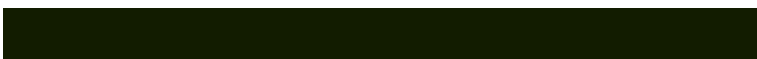
6FBA63



585C53



629C00



121C00



# Inverse Universe

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



8363BA



9C6BF2



AE63BA



56535C



39009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 9ABA63 looks on a white background.

## Color Contrast Check

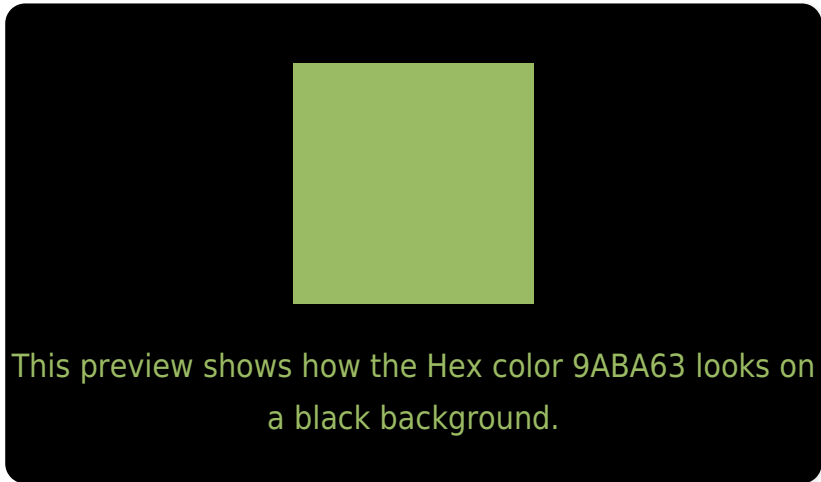
Large Text (above 18pt) WCAG AA × Fail

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 9ABA63 Background



This preview shows how black text looks on a background with the Hex color 9ABA63.

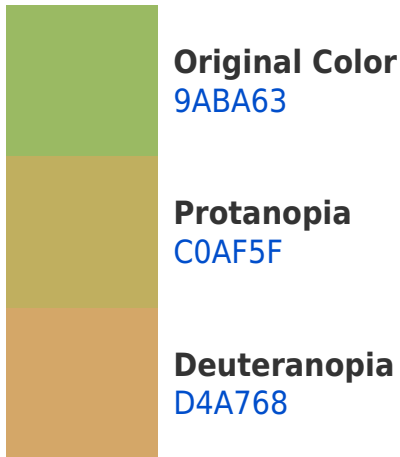


This preview shows how white text looks on a background with the Hex color 9ABA63.

# Color Blindness Simulation

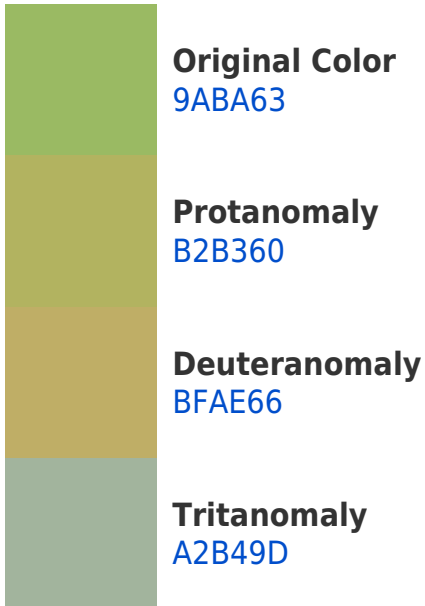
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

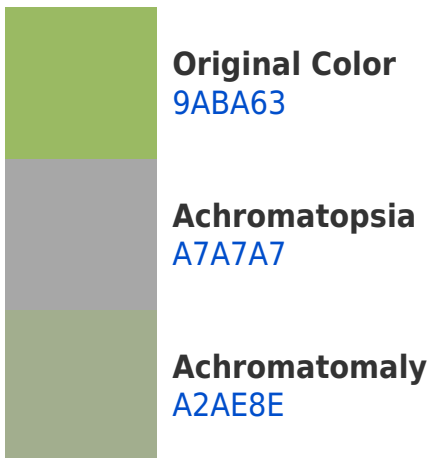




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABA63 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 #9ABA63 looks like.

```
.text, #text, p{  
    color:#9ABA63  
}
```

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 #9ABA63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABA63
}
```

## Border

The CSS property to change the border of an element to Hex 9ABA63 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
#9ABA63 }
```

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

```
.border{ border-color:#9ABA63 }
```

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

Here you see how a box with a 4 pixel #9ABA63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABA63; -webkit-box-shadow:4px 4px  
4px 4px #9ABA63; box-shadow:4px 4px 4px  
4px #9ABA63 }
```

# Background

The CSS property to change the background color of an element to Hex 9ABA63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABA63 }
```

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

```
.background{ background-color:#9ABA63 }
```

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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