

# Converting Colors

Hex(9CA761)

Have a look what the booklet for  
Hex(9CA761) contains.

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**Color**

**Hex(9CA761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA761
RGB	156, 167, 97
RGB Percent	61%, 65%, 38%
CMY	0.3882, 0.3451, 0.6196
CMYK	0.07, 0.00, 0.42, 0.35
HSL	69°, 28%, 52%
HSV	69°, 42%, 65%
XYZ	29.6867, 35.5684, 16.6100
YIQ	155.7310, 15.9140, -24.1020

# Conversions

## Conversions Part 2

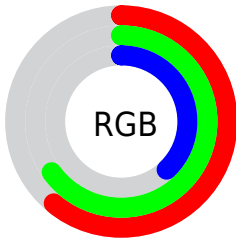
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 167, 108
Decimal	10266465
CIELab	66.19, -15.02, 34.84
CIELCh	66, 37.940, 113.320
Yxy	35.5684, 0.3626, 0.4345
Android (android.graphics.Color)	4288456545 (0xFF9CA761)
YUV	155.7310, -28.9544, 0.2359
Hunter-Lab	59.6393, -15.5166, 25.2348

# Details

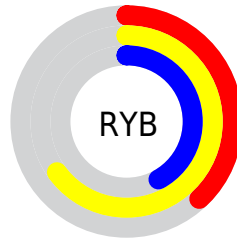
The Hex color **9CA761** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C61A7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D4DE95**, and **677330** is the 20% darker color. If you saturate the color by 10%, you get **99A750**, and if you desaturate by 10%, it is **9FA772**.

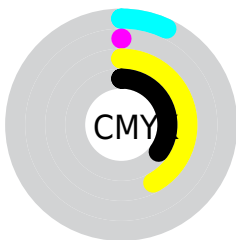
# Distribution



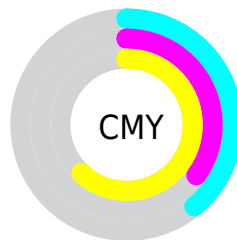
- Red (61%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA761 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 9CA761 by changing the saturation by 10% instead.



 9CA761

 9CA761

FFFFFF

 818D48

 D4DE95

 677330


 F0FBB0

 4E5B19

 FFFFCB

 364300

 FFFFEB

 1F2D00

 001A00

 000000

 9CA761

 9CA761

 99A750

 9FA772

97A740

A1A782

94A72F

A4A793

92A71E

A6A7A4

8FA70D

A9A7B4

8DA700

ACA7C5

AEA7D6

B1A7E7

B4A7F7

# Harmonies

## Analogous

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



BE9C5D



9CA761



74AF77

# Triad

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



9CA761



11AFD7



DD87AA

# Complementary

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



9CA761



6C61A7

# 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.



C48FCA



9CA761



60A7E4

# Square

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



9CA761



00B3BB



999BDF



E38888

# Rectangle

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



9CA761



56B28C



999BDF



D789B5



# Sweetspot

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



9CA761



D4D9BD



A76B61



6B6E5C



EDEDED



6E6E6E



# Same Dimension

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



9CA761



C8D96C



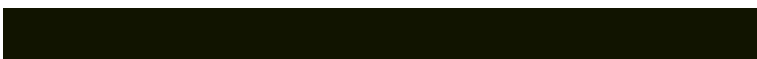
79A761



53544C



7D9400



111400



# Inverse Universe

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



6C61A7



7D6CD9



8F61A7



4D4C54



170094



030014



# Previews

## White Background



This preview shows how the Hex color 9CA761 looks on a white background.

## Color Contrast Check

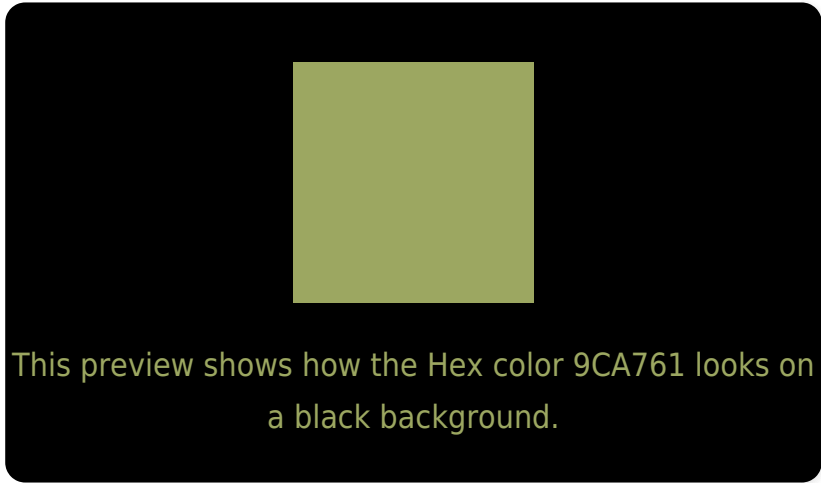
Large Text (above 18pt) WCAG AA × Fail

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

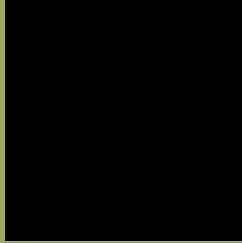
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CA761 Background



This preview shows how black text looks on a background with the Hex color 9CA761.

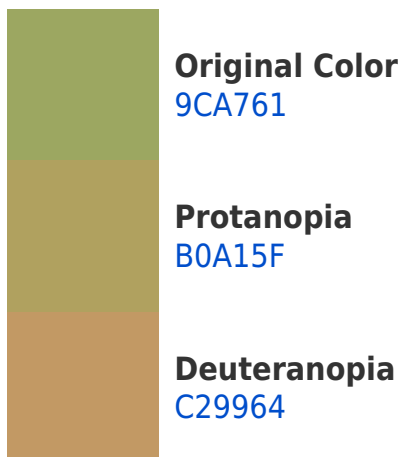


This preview shows how white text looks on a background with the Hex color 9CA761.

# 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](#).

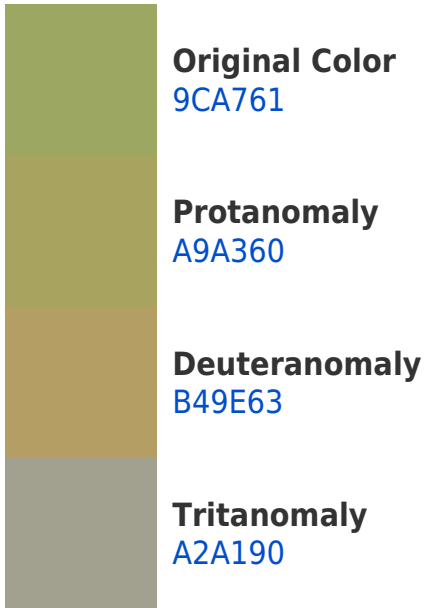
## Dichromacy





**Tritanopia**  
A59EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA761 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 #9CA761 looks like.

```
.text, #text, p{  
    color:#9CA761  
}
```

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 #9CA761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA761
}
```

## Border

The CSS property to change the border of an element to Hex 9CA761 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
#9CA761 }
```

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

```
.border{ border-color:#9CA761 }
```

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

Here you see how a box with a 4 pixel #9CA761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA761; -webkit-box-shadow:4px 4px  
4px 4px #9CA761; box-shadow:4px 4px 4px  
4px #9CA761 }
```

# Background

The CSS property to change the background color of an element to Hex 9CA761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA761 }
```

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

```
.background{ background-color:#9CA761 }
```

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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