

# Converting Colors

Hex(9CAA5E)

Have a look what the booklet for  
Hex(9CAA5E) contains.

<b>Hex(9CAA5E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(9CAA5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAA5E
RGB	156, 170, 94
RGB Percent	61%, 67%, 37%
CMY	0.3882, 0.3333, 0.6314
CMYK	0.08, 0.00, 0.45, 0.33
HSL	71°, 31%, 52%
HSV	71°, 45%, 67%
XYZ	30.1054, 36.6255, 16.0724
YIQ	157.1500, 16.0520, -26.6040

# Conversions

## Conversions Part 2

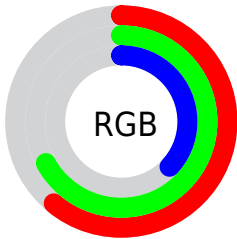
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 170, 108
Decimal	10267230
CIELab	67.00, -16.91, 37.40
CIElCh	67, 41.041, 114.328
Yxy	36.6255, 0.3636, 0.4423
Android (android.graphics.Color)	4288457310 (0xFF9CAA5E)
YUV	157.1500, -31.1330, -1.0086
Hunter-Lab	60.5190, -17.1128, 26.6173

# Details

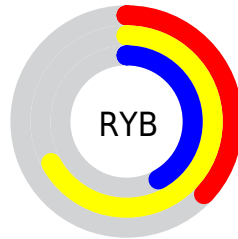
The Hex color **9CAA5E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C5EAA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D4E192**, and **67762D** is the 20% darker color. If you saturate the color by 10%, you get **99AA4D**, and if you desaturate by 10%, it is **9FAA6F**.

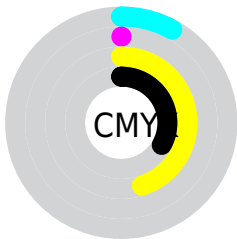
# Distribution



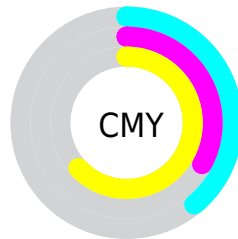
- Red (61%)
- Green (67%)
- Blue (37%)



- Red (37%)
- Yellow (67%)
- Blue (42%)



- Cyan (8%)
- Magenta (0%)
- Yellow (45%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CAA5E 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 9CAA5E by changing the saturation by 10% instead.



 9CAA5E

 9CAA5E

FFFFFF

 819045

 D4E192

 67762D

 F0FEAD

 4E5D14

 FFFFC8

 364600

 FFFFE5

 1E2F00

 001C00

 000000

 9CAA5E

 9CAA5E

 99AA4D

 9FAA6F

■ 96AA3C

■ A2AA80

■ 93AA2B

■ A5AA91

■ 8FAA1A

■ A9AAA2

■ 8CAA09

■ ACAAB3

■ 8BAA00

■ AFAAC4

■ B2AAD5

■ B5AAE6

■ B8AAF7

# Harmonies

## Analogous

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



C19E59



9CAA5E



70B277

# Triad

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



9CAA5E



00B2DE



E586AC

# Complementary

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



9CAA5E



6C5EAA

# 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.



CB8FCF



9CAA5E



5BA9EC

# Square

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



9CAA5E



00B6C0



9C9CE6



EA8787

# Rectangle

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



9CAA5E



4DB58E



9C9CE6



DE88B8



# Sweetspot

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



9CAA5E



D9DEC1



AA6C5E



6D705E



F0F0F0



707070



# Same Dimension

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



9CAA5E



C8DE66



76AA5E



53544C



799400



111400



# Inverse Universe

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



6C5EAA



7C66DE



925EAA



4D4C54



1B0094



040014



# Previews

## White Background



This preview shows how the Hex color 9CAA5E looks on a white background.

## Color Contrast Check

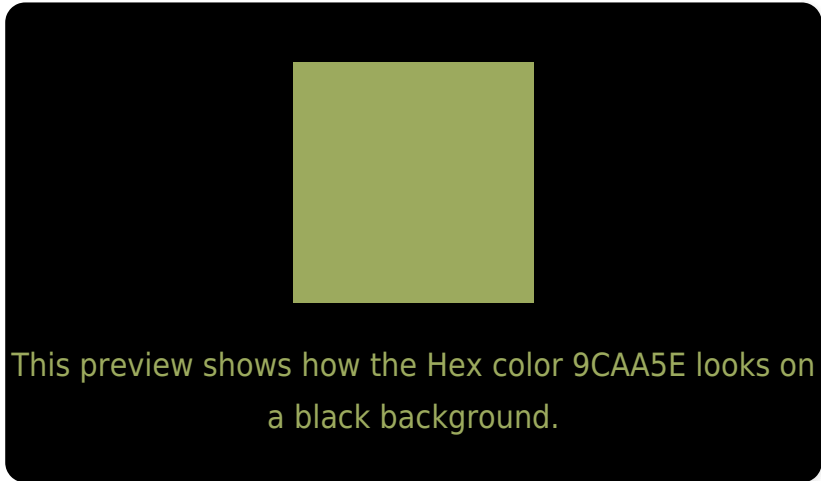
Large Text (above 18pt) WCAG AA × Fail

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 9CAA5E Background



This preview shows how black text looks on a background with the Hex color 9CAA5E.

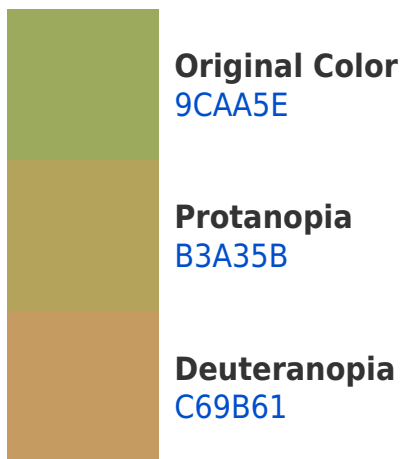


This preview shows how white text looks on a background with the Hex color 9CAA5E.

# 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](#).

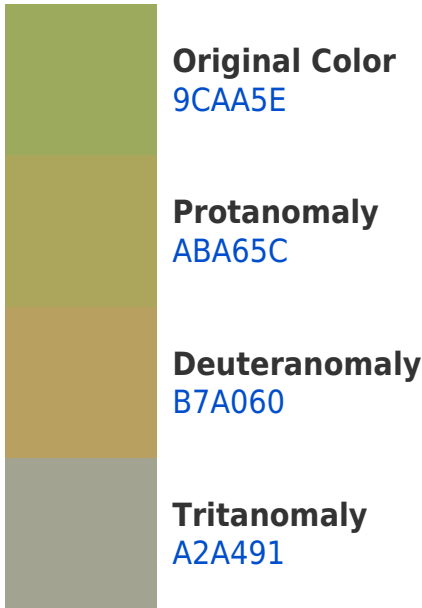
## Dichromacy



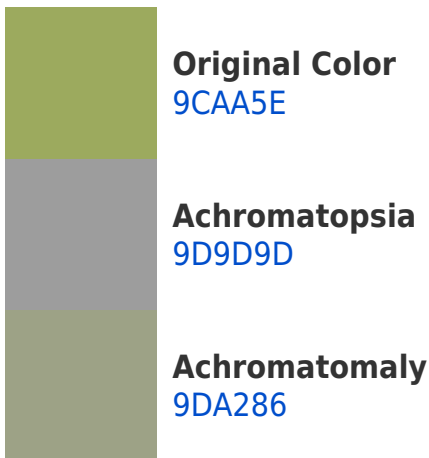


**Tritanopia**  
A6A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CAA5E 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 #9CAA5E looks like.

```
.text, #text, p{  
    color:#9CAA5E  
}
```

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 #9CAA5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAA5E
}
```

## Border

The CSS property to change the border of an element to Hex 9CAA5E 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
#9CAA5E }
```

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

```
.border{ border-color:#9CAA5E }
```

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

Here you see how a box with a 4 pixel #9CAA5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAA5E; -webkit-box-shadow:4px 4px  
4px 4px #9CAA5E; box-shadow:4px 4px 4px  
4px #9CAA5E }
```

# Background

The CSS property to change the background color of an element to Hex 9CAA5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAA5E }
```

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

```
.background{ background-color:#9CAA5E }
```

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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