

# Converting Colors

Hex(9CA548)

Have a look what the booklet for  
Hex(9CA548) contains.

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**Color**

**Hex(9CA548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA548
RGB	156, 165, 72
RGB Percent	61%, 65%, 28%
CMY	0.3882, 0.3529, 0.7176
CMYK	0.05, 0.00, 0.56, 0.35
HSL	66°, 39%, 46%
HSV	66°, 56%, 65%
XYZ	28.3351, 34.4461, 11.2862
YIQ	151.7070, 24.4890, -30.8310

# Conversions

## Conversions Part 2

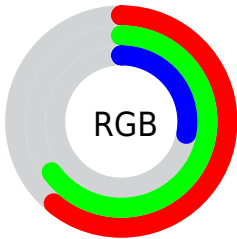
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 165, 81</a>
Decimal	<a href="#">10265928</a>
CIELab	<a href="#">65.32, -16.48, 46.25</a>
CIELCh	<a href="#">65, 49.098, 109.614</a>
Yxy	<a href="#">34.4461, 0.3826, 0.4651</a>
Android (android.graphics.Color)	<a href="#">4288456008 (0xFF9CA548)</a>
YUV	<a href="#">151.7070, -39.2956, 3.7650</a>
Hunter-Lab	<a href="#">58.6908, -16.5314, 29.6821</a>

# Details

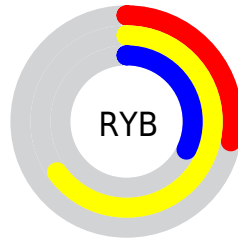
The Hex color **9CA548** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5148A5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D4DC7C**, and **667113** is the 20% darker color. If you saturate the color by 10%, you get **9AA537**, and if you desaturate by 10%, it is **9EA558**.

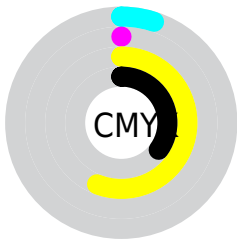
# Distribution



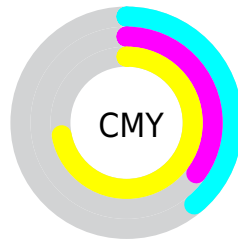
- Red (61%)
- Green (65%)
- Blue (28%)



- Red (28%)
- Yellow (65%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (56%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA548 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 9CA548 by changing the saturation by 10% instead.



 9CA548

 9CA548

FFFFFF

 818B2F

 D4DC7C

 667113

 F1F896

 4C5900

 FFFFB2

 344100

 FFFFCE

 1B2B00

 FFFFEA

 001900

 000000

 9CA548

 9CA548

 9AA537

 9EA558

 99A527

 9FA569

 97A516

 A1A579

 96A506

 A2A58A

 95A500

 A4A59A

 A6A5AB

 A7A5BB

 A9A5CC

 AAA5DC

# Harmonies

## Analogous

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



C59746



9CA548



69AF63

# Triad

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



9CA548



00B1E1



E87BB0

# Complementary

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



9CA548



5148A5

# 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.



C688D8



9CA548



00A8F5

# Square

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



9CA548



00B5BB



8999F1



F17B83

# Rectangle

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



9CA548



38B37E



8999F1



E07EBE



# Sweetspot

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



9CA548



D3D6B2



A55048



696B56



EBEBEB



6B6B6B



# Same Dimension

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



9CA548



C8D645



6FA548



515249



839100



101200



# Inverse Universe

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



5148A5



5345D6



7E48A5



4A4952



0E0091



020012



# Previews

## White Background



This preview shows how the Hex color 9CA548 looks on a white background.

## Color Contrast Check

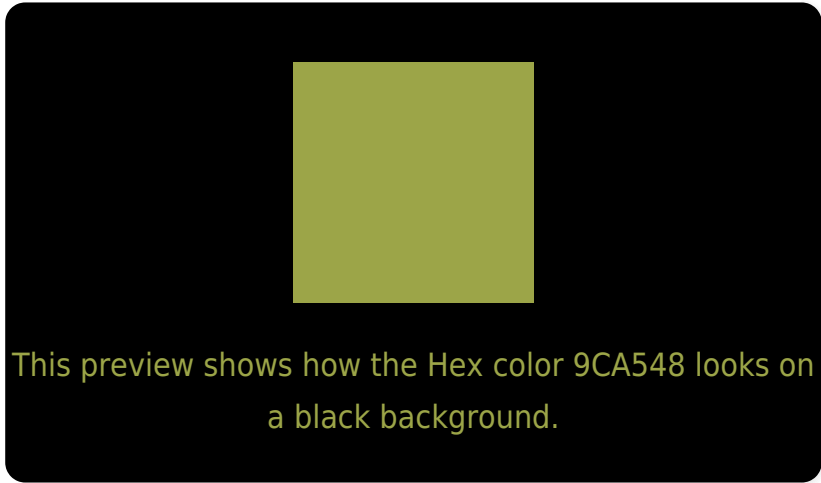
Large Text (above 18pt) WCAG AA × Fail

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

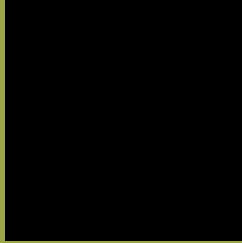
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CA548 Background



This preview shows how black text looks on a background with the Hex color 9CA548.

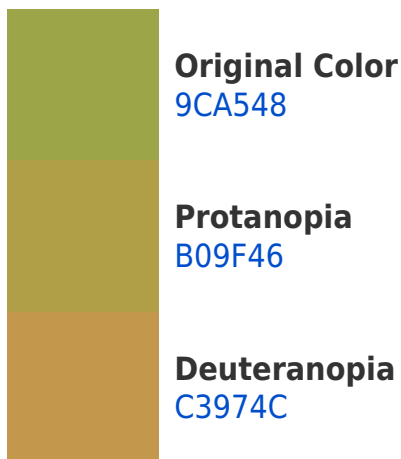


This preview shows how white text looks on a background with the Hex color 9CA548.

# 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](#).

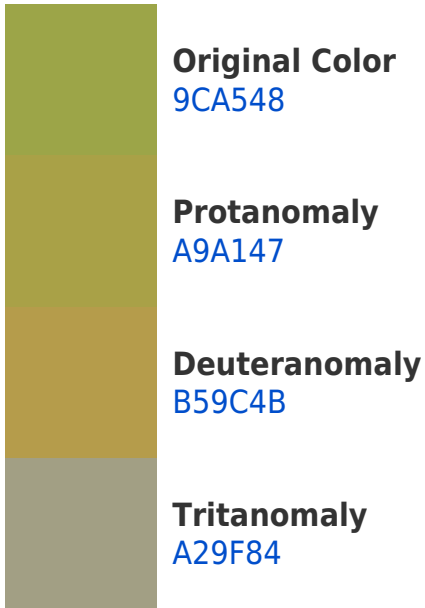
## Dichromacy



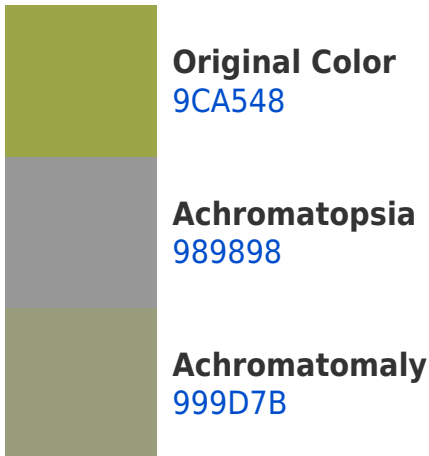


**Tritanopia**  
A69BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA548 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 #9CA548 looks like.

```
.text, #text, p{  
    color:#9CA548  
}
```

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 #9CA548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA548
}
```

## Border

The CSS property to change the border of an element to Hex 9CA548 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
#9CA548 }
```

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

```
.border{ border-color:#9CA548 }
```

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

Here you see how a box with a 4 pixel #9CA548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA548; -webkit-box-shadow:4px 4px  
4px 4px #9CA548; box-shadow:4px 4px 4px  
4px #9CA548 }
```

# Background

The CSS property to change the background color of an element to Hex 9CA548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA548 }
```

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

```
.background{ background-color:#9CA548 }
```

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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