

# Converting Colors

Hex(9AA55B)

Have a look what the booklet for  
Hex(9AA55B) contains.

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**Color**

**Hex(9AA55B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA55B
RGB	154, 165, 91
RGB Percent	60%, 65%, 36%
CMY	0.3961, 0.3529, 0.6431
CMYK	0.07, 0.00, 0.45, 0.35
HSL	69°, 29%, 50%
HSV	69°, 45%, 65%
XYZ	28.6699, 34.5356, 15.0525
YIQ	153.2750, 17.1980, -25.3460

# Conversions

## Conversions Part 2

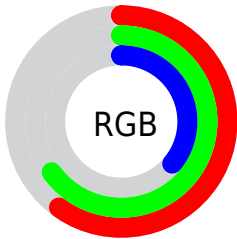
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 165, 102
Decimal	10134875
CIELab	65.39, -15.47, 36.91
CIELCh	65, 40.019, 112.748
Yxy	34.5356, 0.3664, 0.4413
Android (android.graphics.Color)	4288324955 (0xFF9AA55B)
YUV	153.2750, -30.7016, 0.6358
Hunter-Lab	58.7670, -15.7598, 25.9504

# Details

The Hex color **9AA55B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **665BA5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D2DC8F**, and **65712A** is the 20% darker color. If you saturate the color by 10%, you get **98A54A**, and if you desaturate by 10%, it is **9CA56B**.

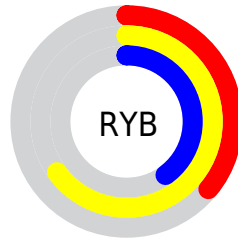
# Distribution



Red (60%)

Green (65%)

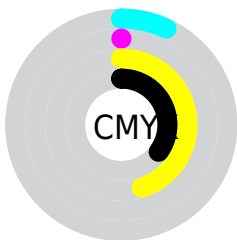
Blue (36%)



Red (36%)

Yellow (65%)

Blue (40%)

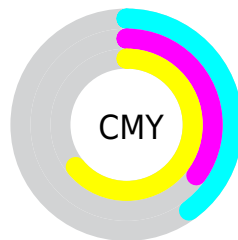


Cyan (7%)

Magenta (0%)

Yellow (45%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA55B 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 9AA55B by changing the saturation by 10% instead.





9AA55B



9AA55B

FFFFFF



7F8B42



D2DC8F



65712A



EEF8A9



4C5912



FFFFC5



344100



FFFFE1



1C2B00

FFFFFFE



001800



000000



9AA55B



9AA55B



98A54A



9CA56B

95A53A

9FA57C

93A52A

A1A58C

90A519

A4A59D

8EA508

A6A5AD

8CA500

A9A5BE

ABA5CE

AEA5DF

B0A5EF

# Harmonies

## Analogous

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



BD9A57



9AA55B



70AD72

# Triad

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



9AA55B



00ADD7



DE83A9

# Complementary

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



9AA55B



665BA5

# 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.



C38BCB



9AA55B



55A5E5

# Square

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



9AA55B



00B1B9



9599E1



E48485

# Rectangle

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



9AA55B



4FB088



9599E1



D785B5



# Sweetspot

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



9AA55B



D2D6BA



A5655B



696B5A



EBEBEB



6B6B6B



# Same Dimension

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



9AA55B



C5D663



76A55B



505249



7C9100



0F1200



# Inverse Universe

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



665BA5



7463D6



8A5BA5



4B4952



160091



030012



# Previews

## White Background



This preview shows how the Hex color 9AA55B looks on a white background.

## Color Contrast Check

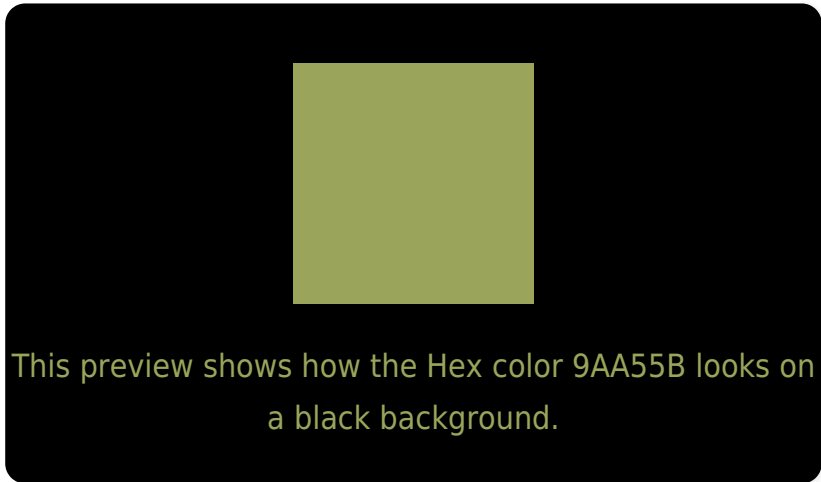
Large Text (above 18pt) WCAG AA × Fail

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 9AA55B Background



This preview shows how black text looks on a background with the Hex color 9AA55B.

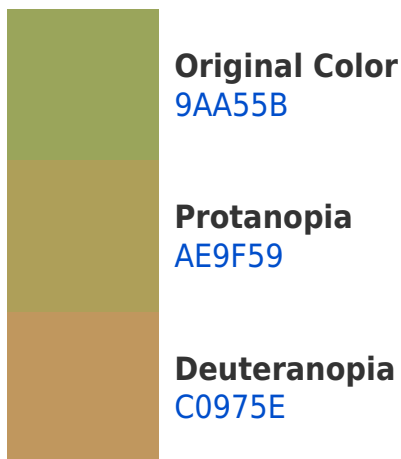


This preview shows how white text looks on a background with the Hex color 9AA55B.

# 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](#).

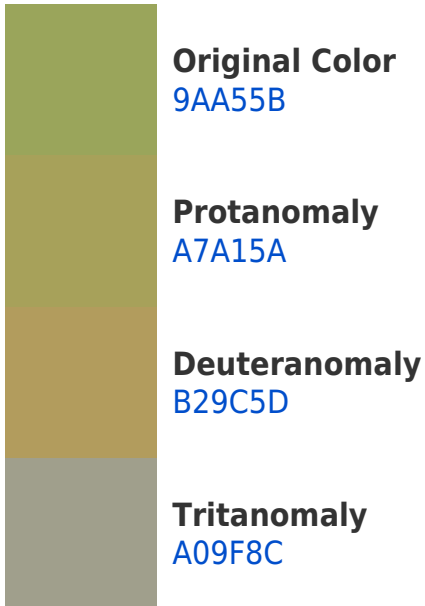
## Dichromacy



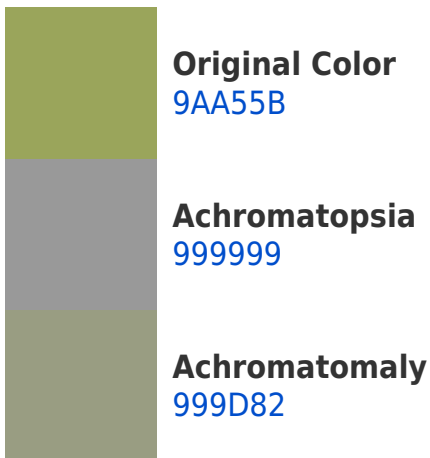


**Tritanopia**  
A39CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA55B 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 #9AA55B looks like.

```
.text, #text, p{  
    color:#9AA55B  
}
```

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 #9AA55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA55B  
}
```

## Border

The CSS property to change the border of an element to Hex 9AA55B 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  
#9AA55B }
```

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

```
.border{ border-color:#9AA55B }
```

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

Here you see how a box with a 4 pixel #9AA55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA55B; -webkit-box-shadow:4px 4px  
4px 4px #9AA55B; box-shadow:4px 4px 4px  
4px #9AA55B }
```

# Background

The CSS property to change the background color of an element to Hex 9AA55B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA55B }
```

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

```
.background{ background-color:#9AA55B }
```

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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