

# Converting Colors

Hex(96A55A)

Have a look what the booklet for  
Hex(96A55A) contains.

<b>Hex(96A55A)</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(96A55A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A55A
RGB	150, 165, 90
RGB Percent	59%, 65%, 35%
CMY	0.4118, 0.3529, 0.6471
CMYK	0.09, 0.00, 0.45, 0.35
HSL	72°, 29%, 50%
HSV	72°, 45%, 65%
XYZ	27.8783, 34.1325, 14.7917
YIQ	151.9650, 15.1350, -26.5050

# Conversions

## Conversions Part 2

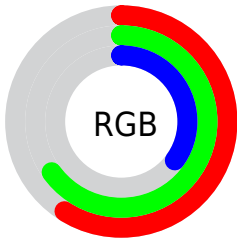
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 165, 105
Decimal	9872730
CIELab	65.07, -17.22, 36.96
CIELCh	65, 40.773, 114.982
Yxy	34.1325, 0.3630, 0.4444
Android (android.graphics.Color)	4288062810 (0xFF96A55A)
YUV	151.9650, -30.5487, -1.7233
Hunter-Lab	58.4230, -17.0637, 25.8849

# Details

The Hex color **96A55A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **695AA5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CDDC8E**, and **627129** is the 20% darker color. If you saturate the color by 10%, you get **93A54A**, and if you desaturate by 10%, it is **99A56A**.

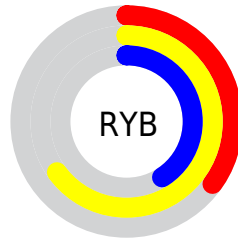
# Distribution



Red (59%)

Green (65%)

Blue (35%)



Red (35%)

Yellow (65%)

Blue (41%)

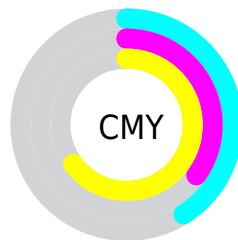


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A55A 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 96A55A by changing the saturation by 10% instead.



 96A55A

 96A55A

FFFFFF

 7B8B41

 CDDC8E

 627129

 EAF9A8

 485910

 FFFFC4

 314100

 FFFFEO

 192B00

FFFFFFD

 001900

 000000

 96A55A

 96A55A

 93A54A

 99A56A

8FA539

9DA57B

8CA529

A0A58B

89A518

A3A59C

85A507

A6A5AC

84A500

AAA5BD

ADA5CE

B0A5DE

B4A5EE

# Harmonies

## Analogous

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



BA9A54



96A55A



6BAD73

# Triad

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



96A55A



00ACD9



DF81A6

# Complementary

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



96A55A



695AA5

# 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.



C689C8



96A55A



57A3E6

# Square

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



96A55A



00B1BC



9897E0



E38381

# Rectangle

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



96A55A



47B08A



9897E0



D983B2



# Sweetspot

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



96A55A



D0D6B8



A5695A



676B59



EBEBEB



6B6B6B



# Same Dimension

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



96A55A



BFD660



71A55A



505249



749100



0E1200



# Inverse Universe

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



695AA5



7860D6



8F5AA5



4B4952



1D0091



040012



# Previews

## White Background



This preview shows how the Hex color 96A55A looks on a white background.

## Color Contrast Check

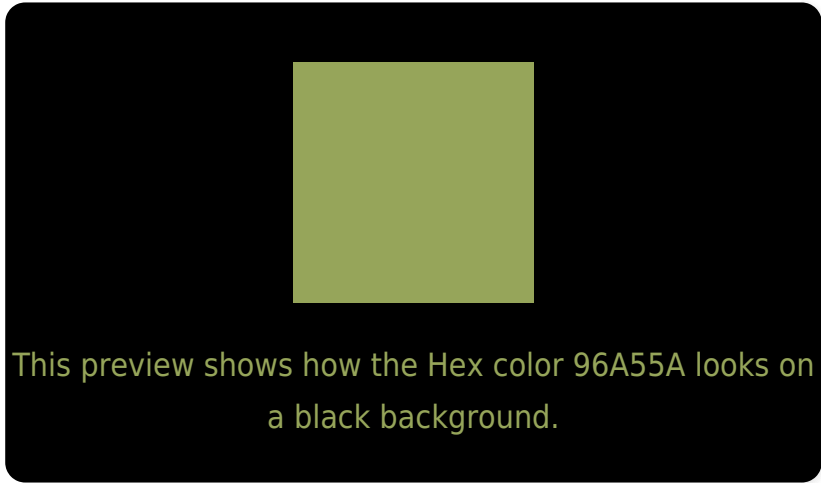
Large Text (above 18pt) WCAG AA × Fail

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

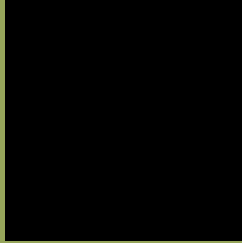
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96A55A Background



This preview shows how black text looks on a background with the Hex color 96A55A.

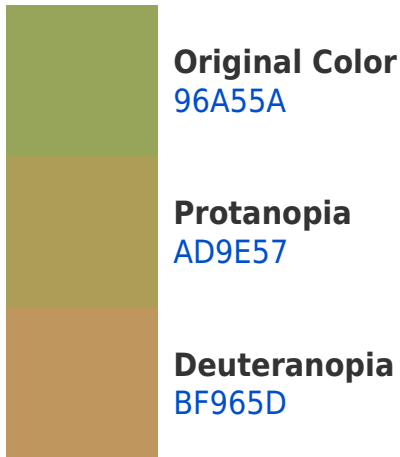


This preview shows how white text looks on a background with the Hex color 96A55A.

# 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](#).

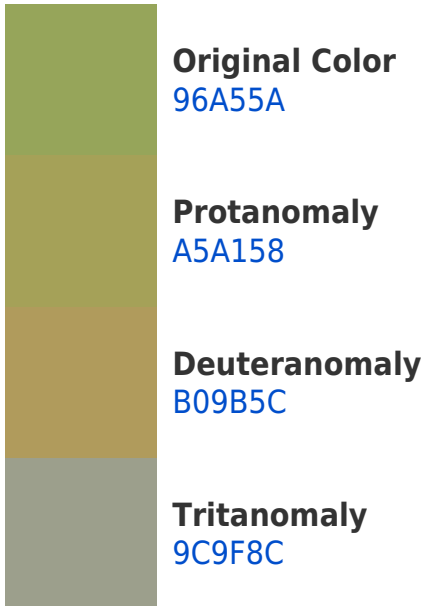
## Dichromacy



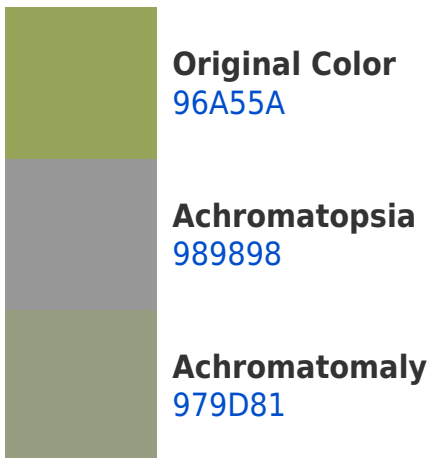


**Tritanopia**  
9F9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A55A 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 #96A55A looks like.

```
.text, #text, p{  
    color:#96A55A  
}
```

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 #96A55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A55A
}
```

## Border

The CSS property to change the border of an element to Hex 96A55A 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
#96A55A }
```

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

```
.border{ border-color:#96A55A }
```

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

Here you see how a box with a 4 pixel #96A55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A55A; -webkit-box-shadow:4px 4px  
4px 4px #96A55A; box-shadow:4px 4px 4px  
4px #96A55A }
```

# Background

The CSS property to change the background color of an element to Hex 96A55A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A55A }
```

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

```
.background{ background-color:#96A55A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor