

# Converting Colors

Hex(9BA55D)

Have a look what the booklet for  
Hex(9BA55D) contains.

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**Color**

**Hex(9BA55D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA55D
RGB	155, 165, 93
RGB Percent	61%, 65%, 36%
CMY	0.3922, 0.3529, 0.6353
CMYK	0.06, 0.00, 0.44, 0.35
HSL	68°, 29%, 51%
HSV	68°, 44%, 65%
XYZ	28.9485, 34.6691, 15.5220
YIQ	153.8020, 17.1520, -24.5120

# Conversions

## Conversions Part 2

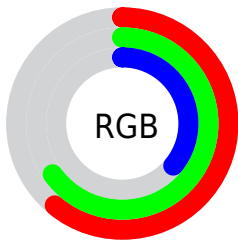
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 165, 103
Decimal	10200413
CIELab	65.49, -14.84, 36.02
CIELCh	65, 38.961, 112.395
Yxy	34.6691, 0.3658, 0.4381
Android (android.graphics.Color)	4288390493 (0xFF9BA55D)
YUV	153.8020, -29.9754, 1.0506
Hunter-Lab	58.8805, -15.2817, 25.5864

# Details

The Hex color **9BA55D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **675DA5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D3DC91**, and **66712C** is the 20% darker color. If you saturate the color by 10%, you get **99A54C**, and if you desaturate by 10%, it is **9DA56D**.

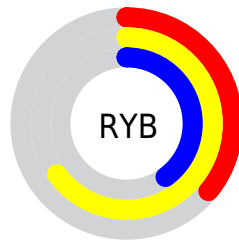
# Distribution



Red (61%)

Green (65%)

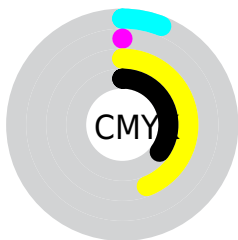
Blue (36%)



Red (36%)

Yellow (65%)

Blue (40%)

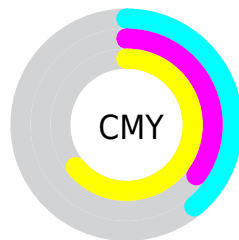


Cyan (6%)

Magenta (0%)

Yellow (44%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BA55D 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 9BA55D by changing the saturation by 10% instead.





9BA55D



9BA55D

FFFFFF



808B44



D3DC91



66712C



EFF8AC



4D5914



FFFFC7



354100



FFFFE3



1E2B00



001800



000000



9BA55D



9BA55D



99A54C



9DA56D

96A53C

A0A57E

94A52B

A2A58E

92A51B

A4A59F

90A50A

A6A5AF

8EA500

A9A5C0

ABA5D0

ADA5E1

B0A5F1

# Harmonies

## Analogous

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



BD9A59



9BA55D



72AD73

# Triad

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



9BA55D



00ADD5



DC84A9

# Complementary

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



9BA55D



675DA5

# 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.



C28DCA



9BA55D



58A5E4

# Square

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



9BA55D



00B1B8



9699DF



E28586

# Rectangle

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



9BA55D



53B089



9699DF



D686B5



# Sweetspot

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



9BA55D



D2D6BA



A5675D



696B5A



EBEBEB



6B6B6B



# Same Dimension

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



9BA55D



C7D667



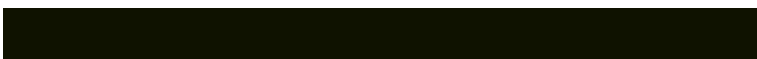
77A55D



505249



7D9100



0F1200



# Inverse Universe

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



675DA5



7667D6



8B5DA5



4B4952



140091



020012



# Previews

## White Background



This preview shows how the Hex color 9BA55D looks on a white background.

## Color Contrast Check

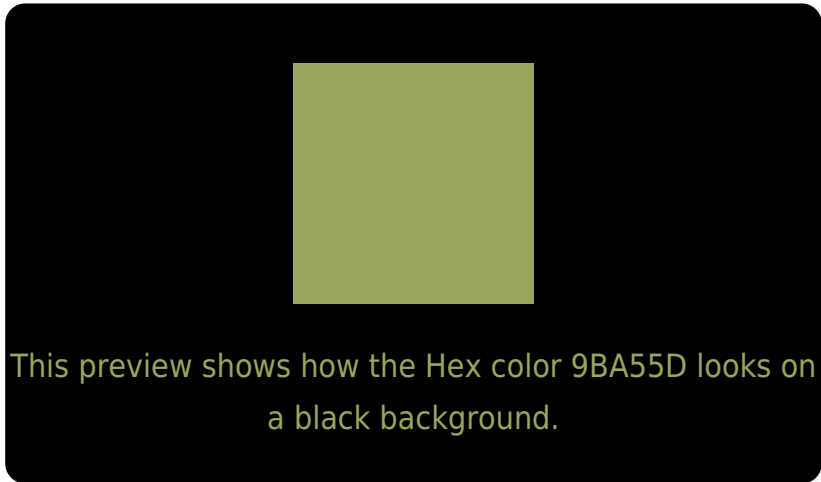
Large Text (above 18pt) WCAG AA × Fail

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 9BA55D Background



This preview shows how black text looks on a background with the Hex color 9BA55D.

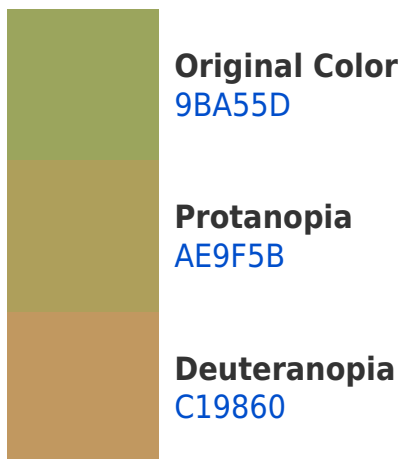


This preview shows how white text looks on a background with the Hex color 9BA55D.

# 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](#).

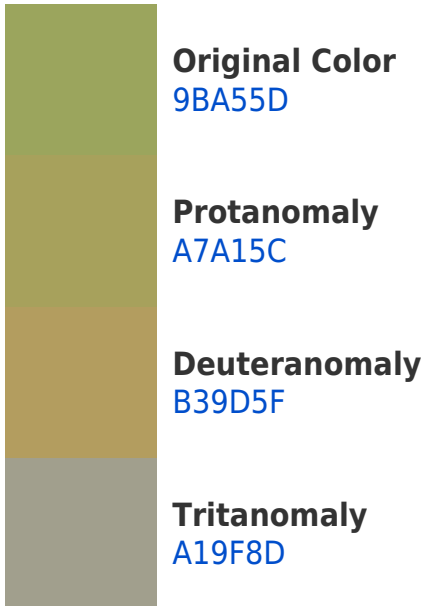
## Dichromacy



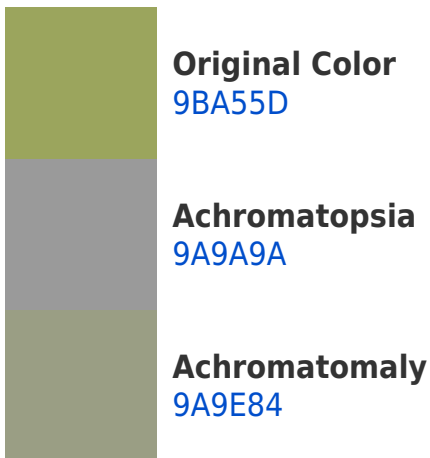


**Tritanopia**  
A49CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BA55D 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 #9BA55D looks like.

```
.text, #text, p{  
    color:#9BA55D  
}
```

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 #9BA55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA55D  
}
```

## Border

The CSS property to change the border of an element to Hex 9BA55D 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  
#9BA55D }
```

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

```
.border{ border-color:#9BA55D }
```

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

Here you see how a box with a 4 pixel #9BA55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA55D; -webkit-box-shadow:4px 4px  
4px 4px #9BA55D; box-shadow:4px 4px 4px  
4px #9BA55D }
```

# Background

The CSS property to change the background color of an element to Hex 9BA55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA55D }
```

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

```
.background{ background-color:#9BA55D }
```

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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