

# Converting Colors

Hex(99A456)

Have a look what the booklet for  
Hex(99A456) contains.

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# **Color**

**Hex(99A456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A456
RGB	153, 164, 86
RGB Percent	60%, 64%, 34%
CMY	0.4000, 0.3569, 0.6627
CMYK	0.07, 0.00, 0.48, 0.36
HSL	68°, 31%, 49%
HSV	68°, 48%, 64%
XYZ	28.0920, 33.9951, 13.8852
YIQ	151.8190, 18.4820, -26.5900

# Conversions

## Conversions Part 2

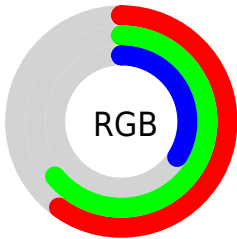
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">86, 164, 97</a>
Decimal	<a href="#">10069078</a>
CIELab	<a href="#">64.96, -15.90, 38.92</a>
CIELCh	<a href="#">65, 42.039, 112.228</a>
Yxy	<a href="#">33.9951, 0.3698, 0.4475</a>
Android (android.graphics.Color)	<a href="#">4288259158 (0xFF99A456)</a>
YUV	<a href="#">151.8190, -32.4488, 1.0357</a>
Hunter-Lab	<a href="#">58.3053, -16.0314, 26.6940</a>

# Details

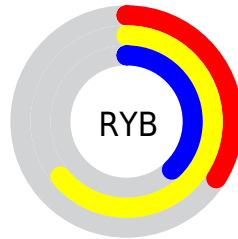
The Hex color **99A456** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6156A4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D1DB89**, and **647025** is the 20% darker color. If you saturate the color by 10%, you get **97A446**, and if you desaturate by 10%, it is **9BA466**.

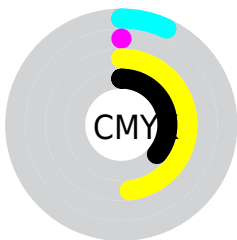
# Distribution



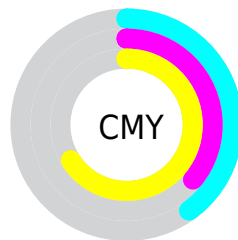
- Red (60%)
- Green (64%)
- Blue (34%)



- Red (34%)
- Yellow (64%)
- Blue (38%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A456 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 99A456 by changing the saturation by 10% instead.





99A456



99A456

FFFFFF



7E8A3D



D1DB89



647025



EDF7A4



4B580A



FFFFC0



334100



FFFFDC



1B2B00



FFFFF9



001800



000000



99A456



99A456



97A446



9BA466

■ 94A435

■ 9EA477

■ 92A425

■ A0A487

■ 90A414

■ A2A498

■ 8DA404

■ A5A4A8

■ 8DA400

■ A7A4B8

■ A9A4C9

■ ACA4D9

■ AEA4EA

# Harmonies

## Analogous

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



BE9852



99A456



6DAC6E

# Triad

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



99A456



00ADD8



DF80A9

# Complementary

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



99A456



6156A4

# 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.



C389CC



99A456



4BA4E8

# Square

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



99A456



00B1B9



9298E3



E58183

# Rectangle

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



99A456



48B085



9298E3



D882B6



# Sweetspot

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



99A456



D2D6B8



A46056



696B59



EBEBEB



6B6B6B



# Same Dimension

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



99A456



C5D65C



73A456



505249



7D9100



0F1200



# Inverse Universe

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



6156A4



6D5CD6



8756A4



4B4952



140091



030012



# Previews

## White Background



This preview shows how the Hex color 99A456 looks on a white background.

## Color Contrast Check

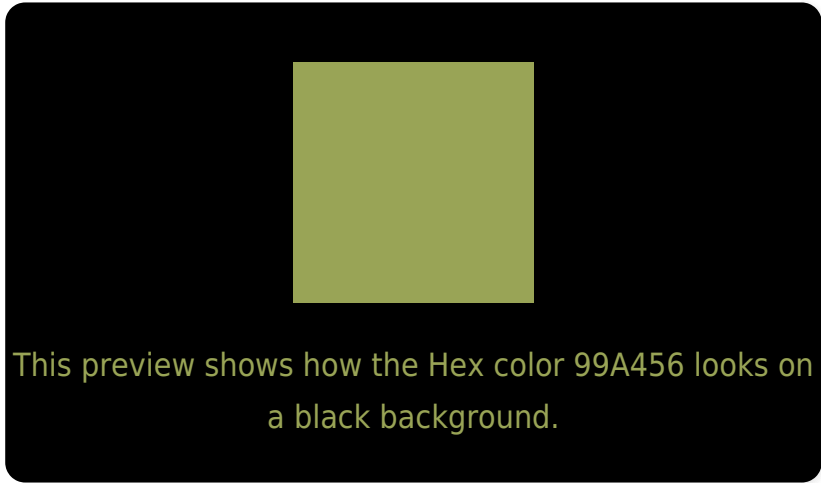
Large Text (above 18pt) WCAG AA × Fail

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

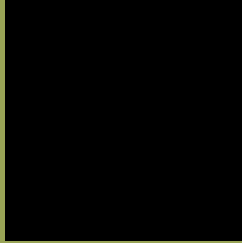
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99A456 Background



This preview shows how black text looks on a background with the Hex color 99A456.

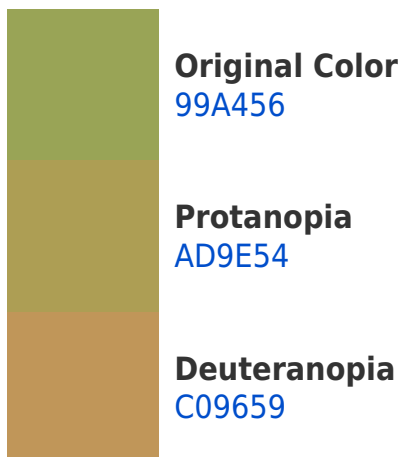


This preview shows how white text looks on a background with the Hex color 99A456.

# 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](#).

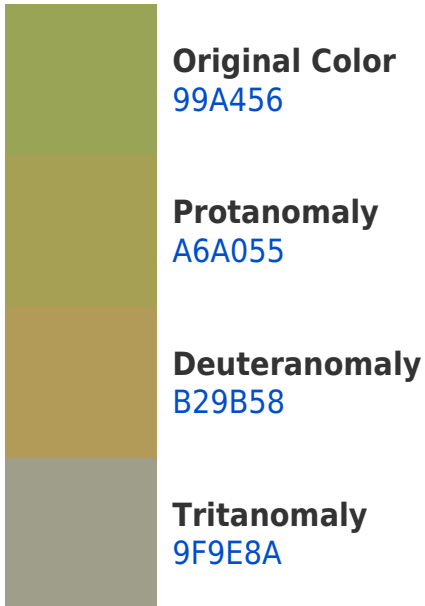
## Dichromacy



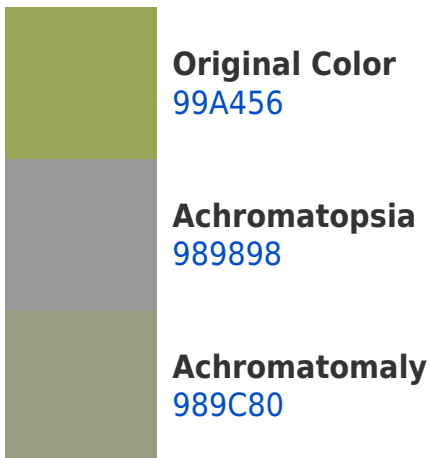


**Tritanopia**  
A29BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A456 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 #99A456 looks like.

```
.text, #text, p{  
    color:#99A456  
}
```

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 #99A456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A456
}
```

## Border

The CSS property to change the border of an element to Hex 99A456 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
#99A456 }
```

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

```
.border{ border-color:#99A456 }
```

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

Here you see how a box with a 4 pixel #99A456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A456; -webkit-box-shadow:4px 4px  
4px 4px #99A456; box-shadow:4px 4px 4px  
4px #99A456 }
```

# Background

The CSS property to change the background color of an element to Hex 99A456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A456 }
```

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

```
.background{ background-color:#99A456 }
```

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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