

Converting Colors

Hex(99A169)

Have a look what the booklet for
Hex(99A169) contains.

Hex(99A169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99A169)

Conversions

Conversions Part 1

Format	Color
Hex	99A169
RGB	153, 161, 105
RGB Percent	60%, 63%, 41%
CMY	0.4000, 0.3686, 0.5882
CMYK	0.05, 0.00, 0.35, 0.37
HSL	69°, 23%, 52%
HSV	69°, 35%, 63%
XYZ	28.4315, 33.2820, 18.2902
YIQ	152.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

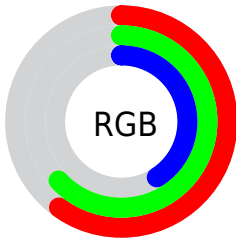
Format	Color
RYB	105, 161, 113
Decimal	10068329
CIELab	64.39, -12.11, 28.25
CIELCh	64, 30.734, 113.204
Yxy	33.2820, 0.3554, 0.4160
Android (android.graphics.Color)	4288258409 (0xFF99A169)
YUV	152.2240, -23.2814, 0.6806
Hunter-Lab	57.6905, -12.9885, 21.5861

Details

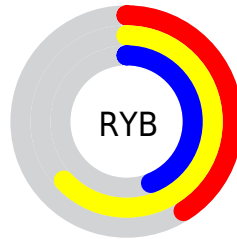
The Hex color **99A169** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7169A1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D0D89D**, and **656E39** is the 20% darker color. If you saturate the color by 10%, you get **97A159**, and if you desaturate by 10%, it is **9BA179**.

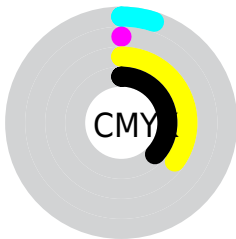
Distribution



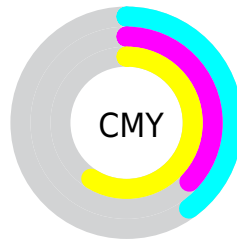
- Red (60%)
- Green (63%)
- Blue (41%)



- Red (41%)
- Yellow (63%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A169 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 99A169 by changing the saturation by 10% instead.

 99A169

 99A169

FFFFFF

 7F8750

 D0D89D

 656E39

 EDF4B8

 4C5522

 FFFFD4

 353E0B

 FFFFF0

 1F2800

 001500

 000000

 99A169

 99A169

 97A159

 9BA179

■ 94A149

■ 9EA189

■ 92A139

■ A0A199

■ 90A129

■ A2A1A9

■ 8EA119

■ A5A1BA

■ 8BA108

■ A7A1CA

■ 8AA100

■ A9A1DA

■ ABA1EA

■ AEA1FA

Harmonies

Analogous

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



B59866



99A169



79A77A

Triad

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



99A169



47A7C7



CD88A4

Complementary

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



99A169



7169A1

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.



B98EBD



99A169



6DA1D2

Square

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



99A169



3FABB1



9797CE



D28888

Rectangle

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



99A169



63AA8B



9797CE



C889AD

Sweetspot

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



99A169



CED1BC



A17069



67695C



E8E8E8



696969

Same Dimension

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



99A169



C5D179



7EA169



505249



7D9100



0F1200

Inverse Universe

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



7169A1



8679D1



8C69A1



4B4952



150091



030012

Previews

White Background



This preview shows how the Hex color 99A169 looks on a white background.

Color Contrast Check

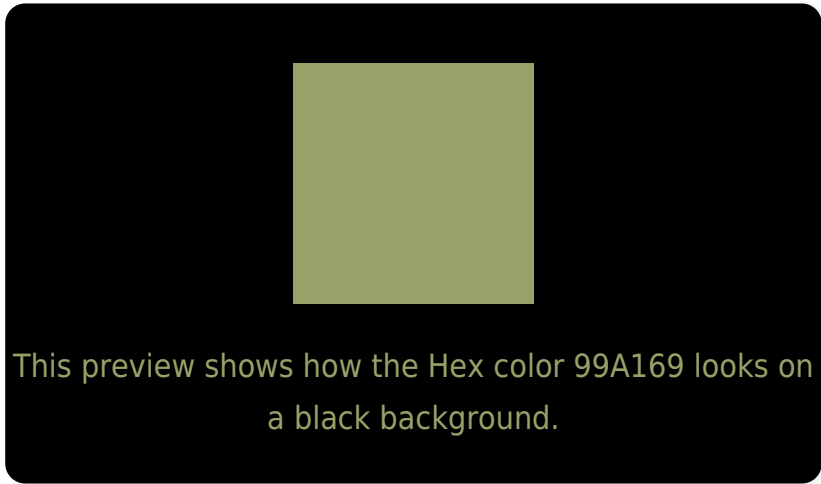
Large Text (above 18pt) WCAG AA × Fail

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

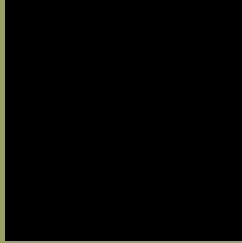
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

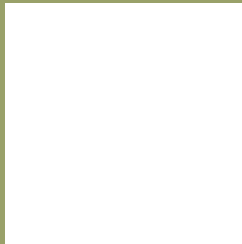
Any Text WCAG AAA ✓ Pass

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

Hex 99A169 Background



This preview shows how black text looks on a background with the Hex color 99A169.



This preview shows how white text looks on a background with the Hex color 99A169.

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



Original Color
99A169

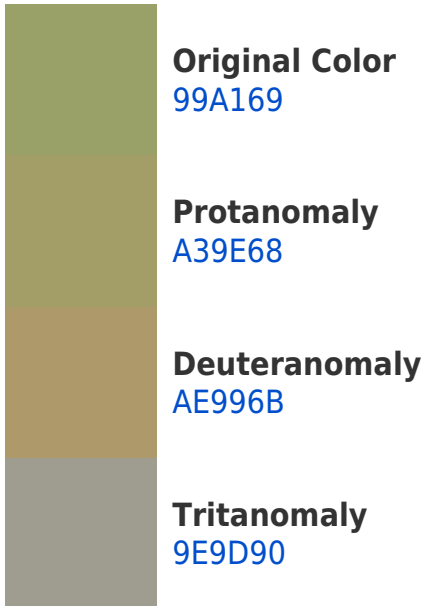
Protanopia
A99C67

Deuteranopia
BA956C

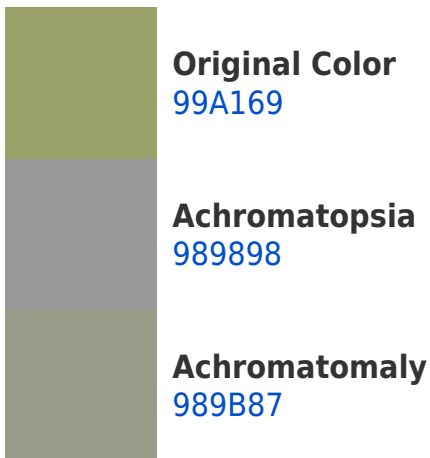


Tritanopia
A19AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A169 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 #99A169 looks like.

```
.text, #text, p{  
    color:#99A169  
}
```

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 #99A169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A169
}
```

Border

The CSS property to change the border of an element to Hex 99A169 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
#99A169 }
```

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

```
.border{ border-color:#99A169 }
```

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

Here you see how a box with a 4 pixel #99A169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A169; -webkit-box-shadow:4px 4px  
4px 4px #99A169; box-shadow:4px 4px 4px  
4px #99A169 }
```

Background

The CSS property to change the background color of an element to Hex 99A169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A169 }
```

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

```
.background{ background-color:#99A169 }
```

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