

Converting Colors

Hex(99A166)

Have a look what the booklet for
Hex(99A166) contains.

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Color

Hex(99A166)

Conversions

Conversions Part 1

Format	Color
Hex	99A166
RGB	153, 161, 102
RGB Percent	60%, 63%, 40%
CMY	0.4000, 0.3686, 0.6000
CMYK	0.05, 0.00, 0.37, 0.37
HSL	68°, 24%, 52%
HSV	68°, 37%, 63%
XYZ	28.2800, 33.2214, 17.4922
YIQ	151.8820, 14.1710, -20.0450

Conversions

Conversions Part 2

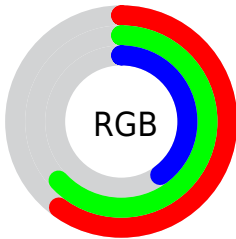
Format	Color
RYB	102, 161, 110
Decimal	10068326
CIELab	64.34, -12.49, 29.79
CIELCh	64, 32.307, 112.751
Yxy	33.2214, 0.3580, 0.4206
Android (android.graphics.Color)	4288258406 (0xFF99A166)
YUV	151.8820, -24.5918, 0.9805
Hunter-Lab	57.6380, -13.2856, 22.3530

Details

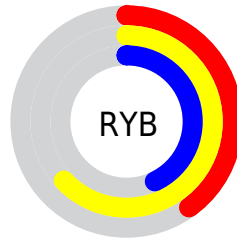
The Hex color **99A166** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E66A1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D0D89A**, and **656E36** is the 20% darker color. If you saturate the color by 10%, you get **97A156**, and if you desaturate by 10%, it is **9BA176**.

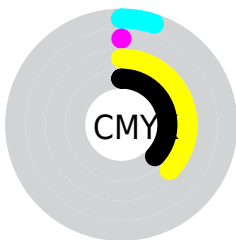
Distribution



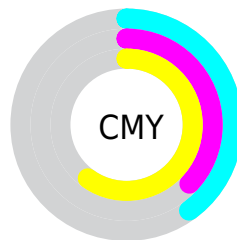
- Red (60%)
- Green (63%)
- Blue (40%)



- Red (40%)
- Yellow (63%)
- Blue (43%)



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



- Cyan (40%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A166 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 99A166 by changing the saturation by 10% instead.

 99A166

 99A166

FFFFFF

 7F874D

 D0D89A

 656E36


 EDF4B5

 4C551F

 FFFFD1

 343E07

 FFFFED

 1E2800

 001500

 000000

 99A166

 99A166

 97A156

 9BA176

95A146

9DA186

92A136

A0A196

90A126

A2A1A6

8EA116

A4A1B7

8CA105

A6A1C7

8BA100

A8A1D7

AAA1E7

ADA1F7

Harmonies

Analogous

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



B69863



99A166



78A878

Triad

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



99A166



3EA8C9



CF87A4

Complementary

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



99A166



6E66A1

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.



BA8DBF



99A166



69A1D5

Square

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



99A166



36ABB1



9697D1



D58787

Rectangle

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



99A166



60AA8A



9697D1



CA88AE

Sweetspot

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



99A166



CED1BA



A16E66



67695B



E8E8E8



696969

Same Dimension

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



99A166



C5D175



7CA166



505249



7E9100



0F1200

Inverse Universe

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



6E66A1



8275D1



8B66A1



4B4952



140091



020012

Previews

White Background



This preview shows how the Hex color 99A166 looks on a white background.

Color Contrast Check

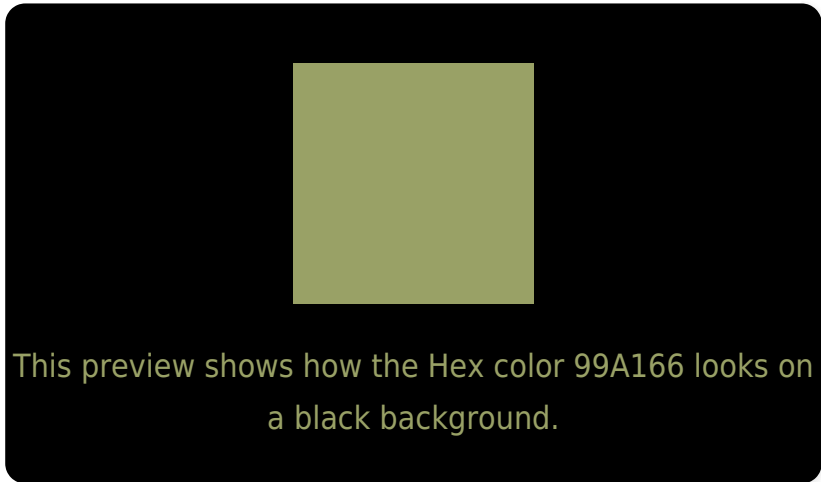
Large Text (above 18pt) WCAG AA × Fail

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

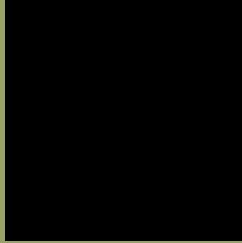
Any Text WCAG AA ✓ Pass

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 99A166 Background



This preview shows how black text looks on a background with the Hex color 99A166.

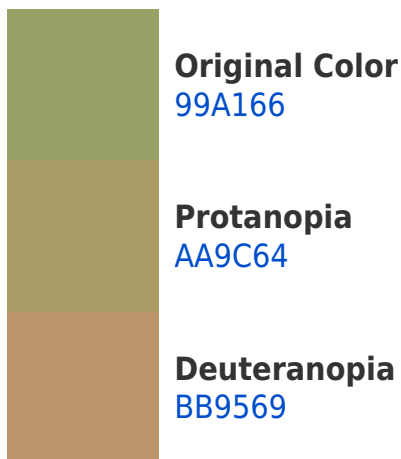


This preview shows how white text looks on a background with the Hex color 99A166.

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](#).

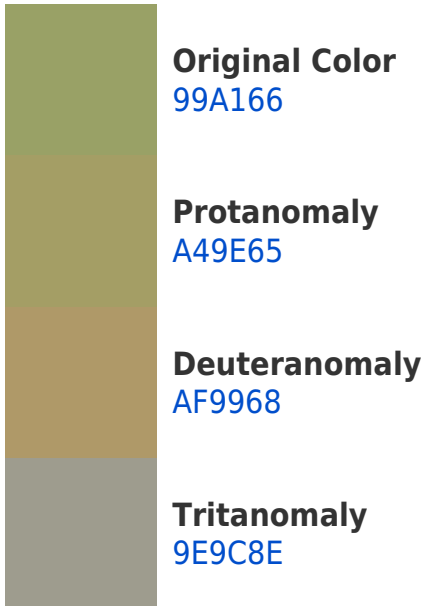
Dichromacy



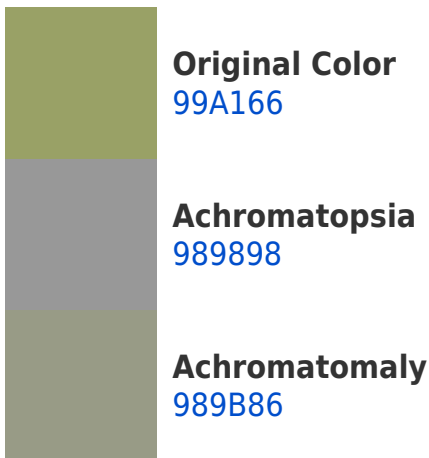


Tritanopia
A199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A166 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 #99A166 looks like.

```
.text, #text, p{  
    color:#99A166  
}
```

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 #99A166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A166
}
```

Border

The CSS property to change the border of an element to Hex 99A166 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
#99A166 }
```

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

```
.border{ border-color:#99A166 }
```

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

Here you see how a box with a 4 pixel #99A166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A166; -webkit-box-shadow:4px 4px  
4px 4px #99A166; box-shadow:4px 4px 4px  
4px #99A166 }
```

Background

The CSS property to change the background color of an element to Hex 99A166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A166 }
```

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

```
.background{ background-color:#99A166 }
```

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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