

Converting Colors

Hex(9AA96A)

Have a look what the booklet for
Hex(9AA96A) contains.

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Color

Hex(9AA96A)

Conversions

Conversions Part 1

Format	Color
Hex	9AA96A
RGB	154, 169, 106
RGB Percent	60%, 66%, 42%
CMY	0.3961, 0.3373, 0.5843
CMYK	0.09, 0.00, 0.37, 0.34
HSL	74°, 27%, 54%
HSV	74°, 37%, 66%
XYZ	30.1159, 36.2866, 19.0524
YIQ	157.3330, 11.2830, -22.7730

Conversions

Conversions Part 2

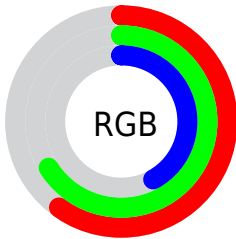
Format	Color
RYB	106, 169, 121
Decimal	10135914
CIELab	66.74, -15.76, 30.79
CIELCh	67, 34.587, 117.108
Yxy	36.2866, 0.3524, 0.4246
Android (android.graphics.Color)	4288325994 (0xFF9AA96A)
YUV	157.3330, -25.3072, -2.9230
Hunter-Lab	60.2383, -16.1767, 23.4144

Details

The Hex color **9AA96A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **796AA9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D1E09E**, and **667539** is the 20% darker color. If you saturate the color by 10%, you get **96A959**, and if you desaturate by 10%, it is **9EA97B**.

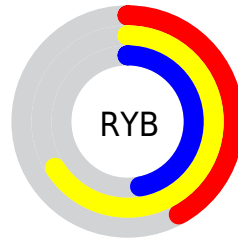
Distribution



Red (60%)

Green (66%)

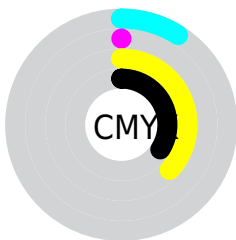
Blue (42%)



Red (42%)

Yellow (66%)

Blue (47%)

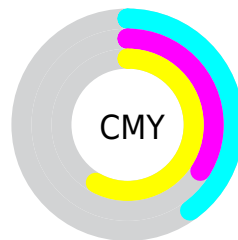


Cyan (9%)

Magenta (0%)

Yellow (37%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA96A 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 9AA96A by changing the saturation by 10% instead.



9AA96A



9AA96A

FFFFFF



808F51



D1E09E



667539



EEFDB9



4D5C22



FFFFD5



35450A



FFFFFF2



1F2E00



001B00



000000



9AA96A



9AA96A



96A959



9EA97B

■ 92A948

■ A2A98C

■ 8EA937

■ A6A99D

■ 8AA926

■ AAA9AE

■ 86A915

■ AEA9BE

■ 82A905

■ B2A9CF

■ 81A900

■ B6A9E0

■ BAA9F1

■ BEA9FF

Harmonies

Analogous

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



BA9F64



9AA96A



75B080

Triad

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



9AA96A



3EAED6



DC8BA7

Complementary

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



9AA96A



796AA9

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.



C791C5



9AA96A



71A6E0

Square

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



9AA96A



2CB3BE



A29BDA



DF8C88

Rectangle

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



9AA96A



5BB293



A29BDA



D78CB1

Sweetspot

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



9AA96A



D6DBC3



A9796A



6A6E5F



EDEDED



6E6E6E

Same Dimension

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



9AA96A



C4DB79



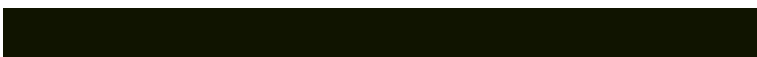
7BA96A



52544C



719400



101400

Inverse Universe

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



796AA9



9079DB



986AA9



4E4C54



230094



050014

Previews

White Background



This preview shows how the Hex color 9AA96A looks on a white background.

Color Contrast Check

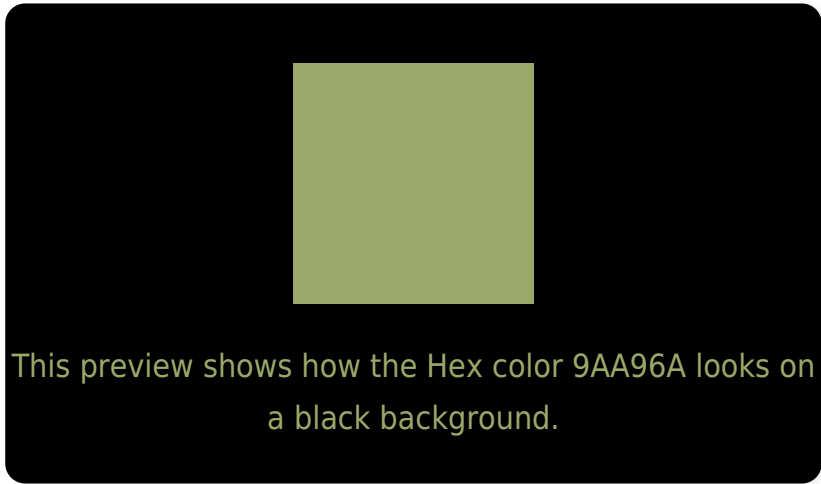
Large Text (above 18pt) WCAG AA × Fail

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 9AA96A Background



This preview shows how black text looks on a background with the Hex color 9AA96A.

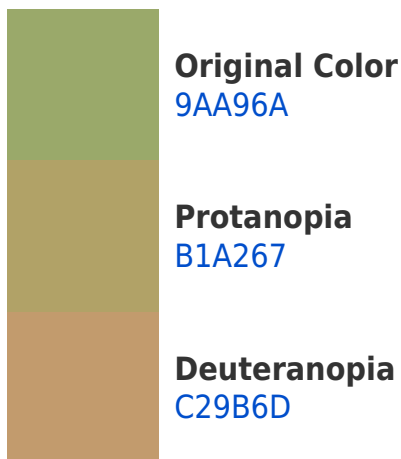


This preview shows how white text looks on a background with the Hex color 9AA96A.

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](#).

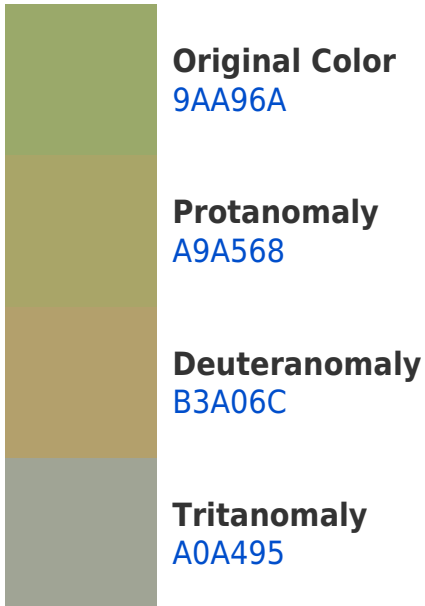
Dichromacy



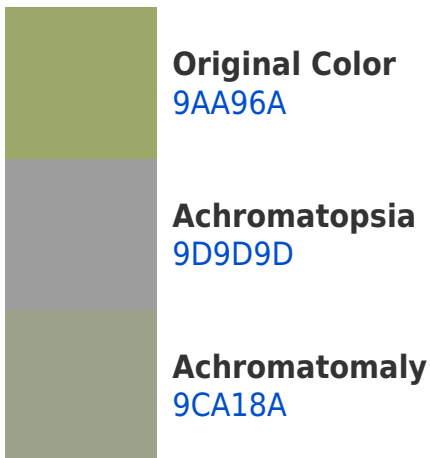


Tritanopia
A3A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA96A 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 #9AA96A looks like.

```
.text, #text, p{  
    color:#9AA96A  
}
```

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 #9AA96A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA96A
}
```

Border

The CSS property to change the border of an element to Hex 9AA96A 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
#9AA96A }
```

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

```
.border{ border-color:#9AA96A }
```

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

Here you see how a box with a 4 pixel #9AA96A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA96A; -webkit-box-shadow:4px 4px  
4px 4px #9AA96A; box-shadow:4px 4px 4px  
4px #9AA96A }
```

Background

The CSS property to change the background color of an element to Hex 9AA96A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA96A }
```

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

```
.background{ background-color:#9AA96A }
```

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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