

Converting Colors

Hex(9AA751)

Have a look what the booklet for
Hex(9AA751) contains.

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Color

Hex(9AA751)

Conversions

Conversions Part 1

Format	Color
Hex	9AA751
RGB	154, 167, 81
RGB Percent	60%, 65%, 32%
CMY	0.3961, 0.3451, 0.6824
CMYK	0.08, 0.00, 0.51, 0.35
HSL	69°, 35%, 49%
HSV	69°, 51%, 65%
XYZ	28.6303, 35.1015, 13.0509
YIQ	153.3090, 19.8580, -29.5020

Conversions

Conversions Part 2

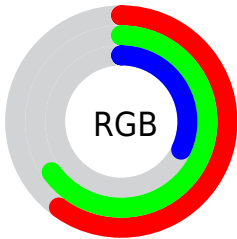
Format	Color
RYB	81, 167, 94
Decimal	10135377
CIELab	65.83, -17.53, 42.47
CIELCh	66, 45.949, 112.434
Yxy	35.1015, 0.3729, 0.4572
Android (android.graphics.Color)	4288325457 (0xFF9AA751)
YUV	153.3090, -35.6483, 0.6060
Hunter-Lab	59.2466, -17.4230, 28.4121

Details

The Hex color **9AA751** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5E51A7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D2DE85**, and **65731F** is the 20% darker color. If you saturate the color by 10%, you get **97A740**, and if you desaturate by 10%, it is **9DA762**.

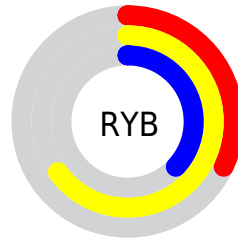
Distribution



Red (60%)

Green (65%)

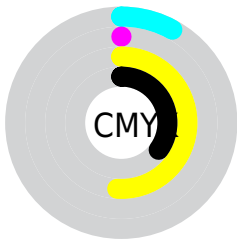
Blue (32%)



Red (32%)

Yellow (65%)

Blue (37%)

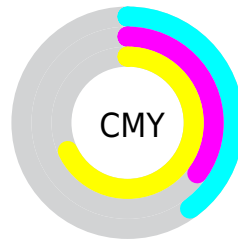


Cyan (8%)

Magenta (0%)

Yellow (51%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA751 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 9AA751 by changing the saturation by 10% instead.



9AA751



9AA751

FFFFFF



7F8D38



D2DE85



65731F



EFFB9F



4B5B01



FFFFBB



334300



FFFFD7



1A2D00



FFFFF4



001A00



000000



9AA751



9AA751



97A740



9DA762

 95A730

 9FA772

 92A71F

 A2A783

 90A70E

 A4A794

 8EA700

 A7A7A4

 A9A7B5

 ACA7C6

 AEA7D7

 B1A7E7

Harmonies

Analogous

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



C29A4D



9AA751



69B06C

Triad

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



9AA751



00B1E0



E77FAC

Complementary

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



9AA751



5E51A7

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.



C989D3



9AA751



3CA7F1

Square

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



9AA751



00B5BE



9399EC



EE8083

Rectangle

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



9AA751



3DB386



9399EC



E081BA

Sweetspot

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



9AA751



D4D9B8



A75E51



6B6E5A



EDEDED



6E6E6E

Same Dimension

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



9AA751



C4D952



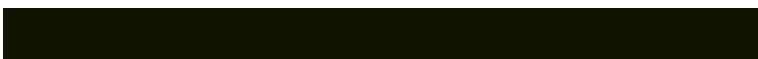
6FA751



53544C



7E9400



111400

Inverse Universe

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



5E51A7



6752D9



8951A7



4D4C54



160094



030014

Previews

White Background



This preview shows how the Hex color 9AA751 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

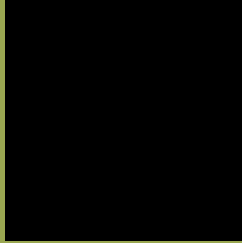
Any Text WCAG AA ✓ Pass

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 9AA751 Background



This preview shows how black text looks on a background with the Hex color 9AA751.



This preview shows how white text looks on a background with the Hex color 9AA751.

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](#).

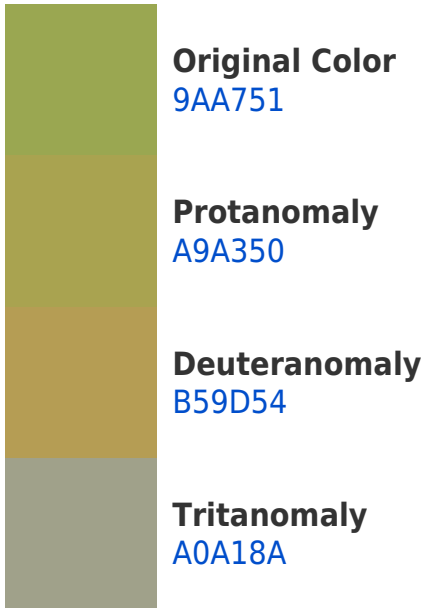
Dichromacy



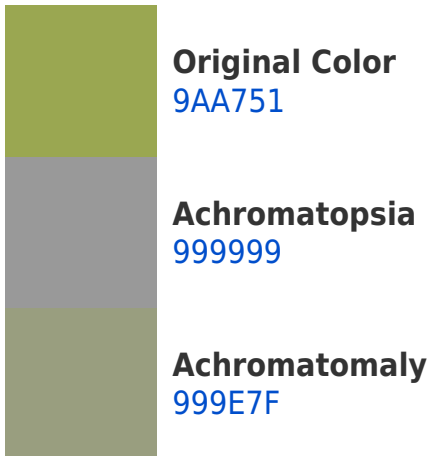


Tritanopia
A49DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA751 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 #9AA751 looks like.

```
.text, #text, p{  
    color:#9AA751  
}
```

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 #9AA751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA751
}
```

Border

The CSS property to change the border of an element to Hex 9AA751 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
#9AA751 }
```

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

```
.border{ border-color:#9AA751 }
```

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

Here you see how a box with a 4 pixel #9AA751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA751; -webkit-box-shadow:4px 4px  
4px 4px #9AA751; box-shadow:4px 4px 4px  
4px #9AA751 }
```

Background

The CSS property to change the background color of an element to Hex 9AA751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA751 }
```

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

```
.background{ background-color:#9AA751 }
```

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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