

Converting Colors

Hex(9AA763)

Have a look what the booklet for
Hex(9AA763) contains.

Hex(9AA763)	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(9AA763)

Conversions

Conversions Part 1

Format	Color
Hex	9AA763
RGB	154, 167, 99
RGB Percent	60%, 65%, 39%
CMY	0.3961, 0.3451, 0.6118
CMYK	0.08, 0.00, 0.41, 0.35
HSL	71°, 28%, 52%
HSV	71°, 41%, 65%
XYZ	29.3973, 35.4083, 17.0895
YIQ	155.3610, 14.0800, -23.9040

Conversions

Conversions Part 2

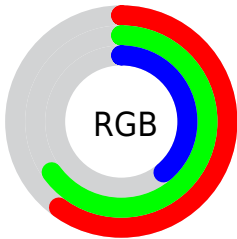
Format	Color
RYB	99, 167, 112
Decimal	10135395
CIELab	66.07, -15.59, 33.61
CIELCh	66, 37.050, 114.889
Yxy	35.4083, 0.3590, 0.4324
Android (android.graphics.Color)	4288325475 (0xFF9AA763)
YUV	155.3610, -27.7860, -1.1936
Hunter-Lab	59.5049, -15.9490, 24.6257

Details

The Hex color **9AA763** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7063A7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D1DE97**, and **667332** is the 20% darker color. If you saturate the color by 10%, you get **97A752**, and if you desaturate by 10%, it is **9DA774**.

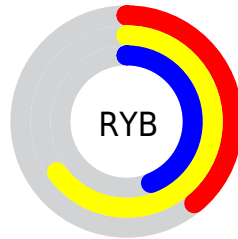
Distribution



Red (60%)

Green (65%)

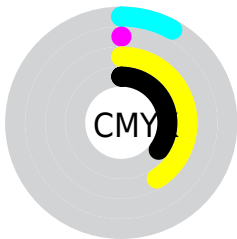
Blue (39%)



Red (39%)

Yellow (65%)

Blue (44%)

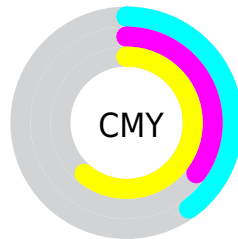


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA763 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 9AA763 by changing the saturation by 10% instead.

 9AA763

 9AA763

FFFFFF

 7F8D4A

 D1DE97

 667332

 EEFBB2

 4D5B1B

 FFFFCE

 344302

 FFFFEA

 1E2D00

 001A00

 000000

 9AA763

 9AA763

 97A752

 9DA774

94A742

A0A784

90A731

A4A795

8DA720

A7A7A6

8AA710

AAA7B6

87A700

ADA7C7

B0A7D8

B4A7E9

B7A7F9

Harmonies

Analogous

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



BB9D5E



9AA763



73AE79

Triad

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



9AA763



23AED6



DC87A8

Complementary

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



9AA763



7063A7

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.



C58EC7



9AA763



65A6E2

Square

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



9AA763



03B2BB



9C9ADD



E18886

Rectangle

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



9AA763



56B18E



9C9ADD



D789B3

Sweetspot

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



9AA763



D4D9BF



A76F63



6B6E5E



EDEDED



6E6E6E

Same Dimension

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



9AA763



C4D96F



79A763



53544C



789400



101400

Inverse Universe

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



7063A7



836FD9



9163A7



4D4C54



1C0094



040014

Previews

White Background



This preview shows how the Hex color 9AA763 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

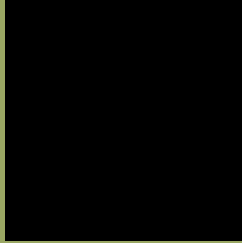
Any Text WCAG AA ✓ Pass

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 9AA763 Background



This preview shows how black text looks on a background with the Hex color 9AA763.



This preview shows how white text looks on a background with the Hex color 9AA763.

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



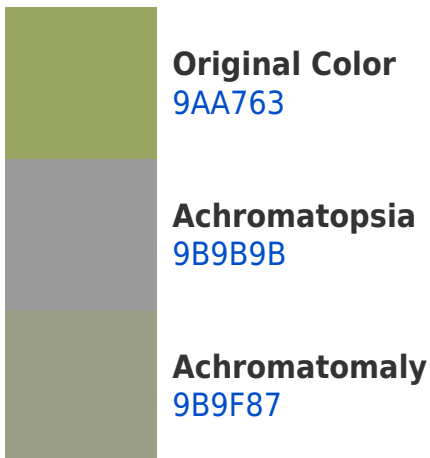


Tritanopia
A39EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA763 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 #9AA763 looks like.

```
.text, #text, p{  
    color:#9AA763  
}
```

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 #9AA763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA763
}
```

Border

The CSS property to change the border of an element to Hex 9AA763 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
#9AA763 }
```

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

```
.border{ border-color:#9AA763 }
```

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

Here you see how a box with a 4 pixel #9AA763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA763; -webkit-box-shadow:4px 4px  
4px 4px #9AA763; box-shadow:4px 4px 4px  
4px #9AA763 }
```

Background

The CSS property to change the background color of an element to Hex 9AA763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA763 }
```

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

```
.background{ background-color:#9AA763 }
```

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