

Converting Colors

Hex(9AA570)

Have a look what the booklet for
Hex(9AA570) contains.

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Color

Hex(9AA570)

Conversions

Conversions Part 1

Format	Color
Hex	9AA570
RGB	154, 165, 112
RGB Percent	60%, 65%, 44%
CMY	0.3961, 0.3529, 0.5608
CMYK	0.07, 0.00, 0.32, 0.35
HSL	72°, 23%, 54%
HSV	72°, 32%, 65%
XYZ	29.7062, 34.9501, 20.5096
YIQ	155.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

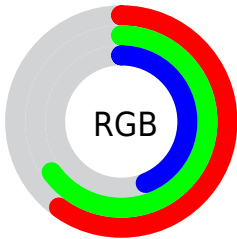
Format	Color
RYB	112, 165, 123
Decimal	10134896
CIELab	65.71, -12.88, 26.23
CIELCh	66, 29.224, 116.151
Yxy	34.9501, 0.3488, 0.4104
Android (android.graphics.Color)	4288324976 (0xFF9AA570)
YUV	155.6690, -21.5288, -1.4637
Hunter-Lab	59.1186, -13.7642, 20.8140

Details

The Hex color **9AA570** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B70A5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D1DCA4**, and **66713F** is the 20% darker color. If you saturate the color by 10%, you get **97A55F**, and if you desaturate by 10%, it is **9DA581**.

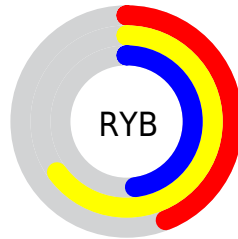
Distribution



Red (60%)

Green (65%)

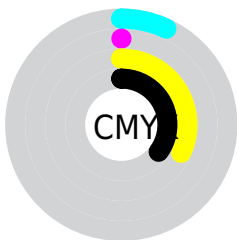
Blue (44%)



Red (44%)

Yellow (65%)

Blue (48%)

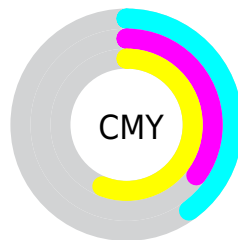


Cyan (7%)

Magenta (0%)

Yellow (32%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA570 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 9AA570 by changing the saturation by 10% instead.

 9AA570

 9AA570

FFFFFF

 808B57

 D1DCA4

 66713F


 EDF9BF

 4D5928

 FFFFDB

 364112

 FFFFF8

 212B00

 001800

 000000

 9AA570

 9AA570

 97A55F

 9DA581

93A54F

A1A591

90A53E

A4A5A1

8CA52E

A8A5B2

89A51D

ABA5C2

85A50D

AFA5D3

83A500

B2A5E3

B5A5F4

B9A5FF

Harmonies

Analogous

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



B59D6B



9AA570



7CAB82

Triad

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



9AA570



55ACA



D08CA4

Complementary

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



9AA570



7B70A5

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.



BE91BD



9AA570



78A3D3

Square

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



9AA570



4BAEB6



9F9ACF



D48D8A

Rectangle

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



9AA570



67AD92



9F9ACF



CC8DAD

Sweetspot

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



9AA570



D2D6C1



A57B70



686B5E



EBEBEB



6B6B6B

Same Dimension

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



9AA570



C5D683



80A570



505249



739100



0E1200

Inverse Universe

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



7B70A5



9483D6



9570A5



4B4952



1E0091



040012

Previews

White Background



This preview shows how the Hex color 9AA570 looks on a white background.

Color Contrast Check

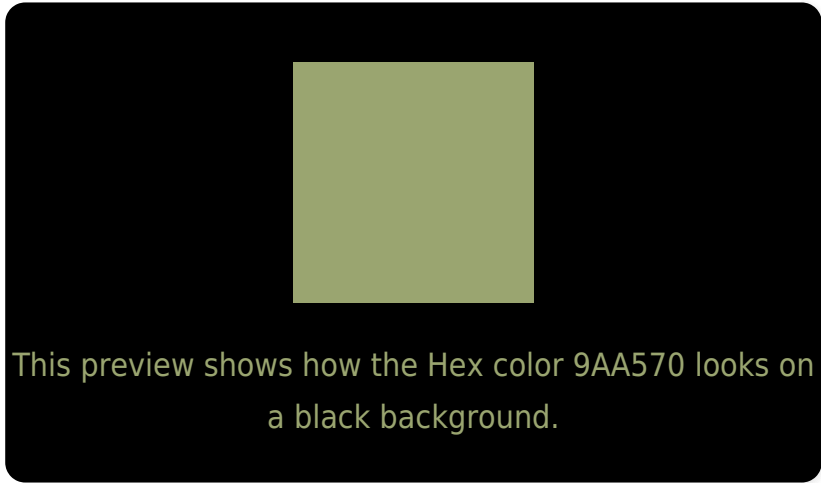
Large Text (above 18pt) WCAG AA × Fail

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

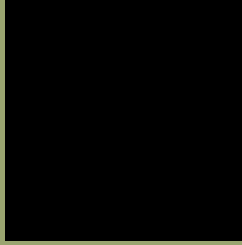
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

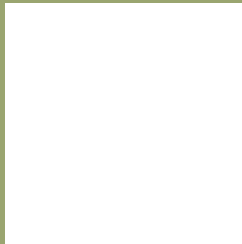
Any Text WCAG AAA ✓ Pass

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

Hex 9AA570 Background



This preview shows how black text looks on a background with the Hex color 9AA570.



This preview shows how white text looks on a background with the Hex color 9AA570.

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
9AA570

Protanopia
AC9F6E

Deuteranopia
BD9973



Tritanopia
A29EAA

Trichromacy



Original Color
9AA570

Protanomaly
A5A16F

Deuteranomaly
B09D72

Tritanomaly
9FA195

Monochromacy



Original Color
9AA570

Achromatopsia
9C9C9C

Achromatomaly
9B9F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA570 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 #9AA570 looks like.

```
.text, #text, p{  
    color:#9AA570  
}
```

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 #9AA570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA570  
}
```

Border

The CSS property to change the border of an element to Hex 9AA570 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  
#9AA570 }
```

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

```
.border{ border-color:#9AA570 }
```

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

Here you see how a box with a 4 pixel #9AA570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA570; -webkit-box-shadow:4px 4px  
4px 4px #9AA570; box-shadow:4px 4px 4px  
4px #9AA570 }
```

Background

The CSS property to change the background color of an element to Hex 9AA570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA570 }
```

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

```
.background{ background-color:#9AA570 }
```

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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