

Converting Colors

Hex(9AAC5F)

Have a look what the booklet for
Hex(9AAC5F) contains.

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Color

Hex(9AAC5F)

Conversions

Conversions Part 1

Format	Color
Hex	9AAC5F
RGB	154, 172, 95
RGB Percent	60%, 67%, 37%
CMY	0.3961, 0.3255, 0.6275
CMYK	0.10, 0.00, 0.45, 0.33
HSL	74°, 32%, 52%
HSV	74°, 45%, 67%
XYZ	30.1445, 37.2013, 16.4183
YIQ	157.8400, 13.9890, -27.7630

Conversions

Conversions Part 2

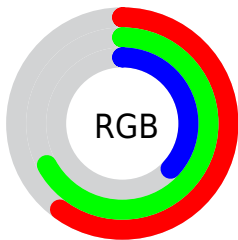
Format	Color
RYB	95, 172, 113
Decimal	10136671
CIELab	67.43, -18.62, 37.39
CIElCh	67, 41.771, 116.479
Yxy	37.2013, 0.3599, 0.4441
Android (android.graphics.Color)	4288326751 (0xFF9AAC5F)
YUV	157.8400, -30.9801, -3.3677
Hunter-Lab	60.9929, -18.5174, 26.7351

Details

The Hex color **9AAC5F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **715FAC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D2E393**, and **65782E** is the 20% darker color. If you saturate the color by 10%, you get **96AC4E**, and if you desaturate by 10%, it is **9EAC70**.

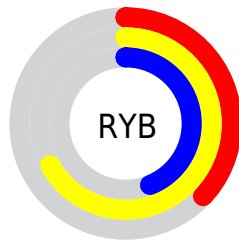
Distribution



Red (60%)

Green (67%)

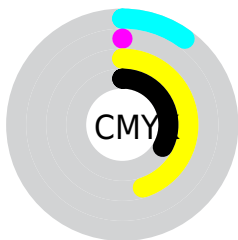
Blue (37%)



Red (37%)

Yellow (67%)

Blue (44%)

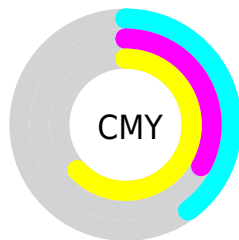


Cyan (10%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAC5F 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 9AAC5F by changing the saturation by 10% instead.

 9AAC5F

 9AAC5F

FFFFFF

 7F9146

 D2E393

 65782E

 EEFFAE

 4C5F15

 FFFFC A

 344700

 FFFF E6

 1C3100

 001D00

 000000

 9AAC5F

 9AAC5F

 96AC4E

 9EAC70

 92AC3D

 A2AC81

 8EAC2B

 A6AC93

 8AAC1A

 AAACA4

 86AC09

 AEACB5

 84AC00

 B2ACC6

 B6ACD7

 BAACE9

 BEACFA

Harmonies

Analogous

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



C0A058



9AAC5F



6DB479

Triad

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



9AAC5F



00B3E2



E886AA

Complementary

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



9AAC5F



715FAC

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.



CF8ECE



9AAC5F



60A9EF

Square

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



9AAC5F



00B7C5



A19CE8



EC8885

Rectangle

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



9AAC5F



48B791



A19CE8



E288B7

Sweetspot

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



9AAC5F



DAE0C3



AC715F



6C705E



F0F0F0



707070

Same Dimension

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



9AAC5F



C4E067



74AC5F



55574E



739600



121700

Inverse Universe

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



715FAC



8467E0



975FAC



504E57



230096



050017

Previews

White Background



This preview shows how the Hex color 9AAC5F looks on a white background.

Color Contrast Check

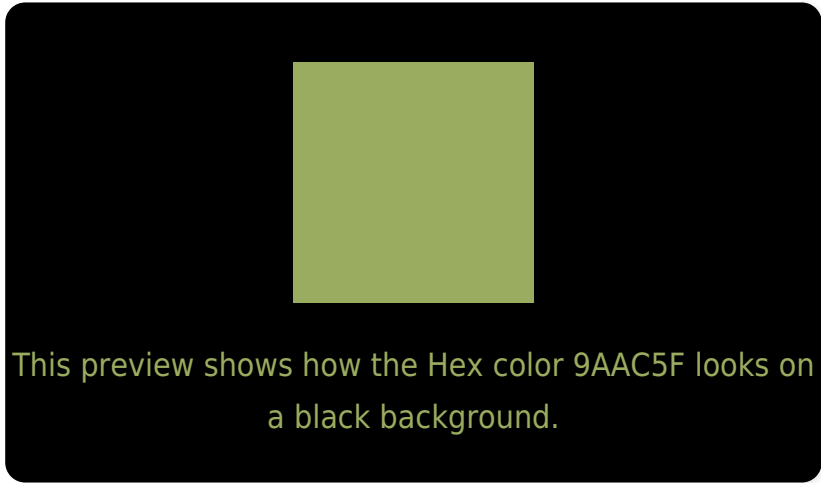
Large Text (above 18pt) WCAG AA × Fail

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

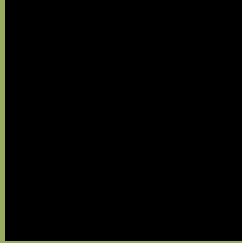
Any Text WCAG AA ✓ Pass

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 9AAC5F Background



This preview shows how black text looks on a background with the Hex color 9AAC5F.



This preview shows how white text looks on a background with the Hex color 9AAC5F.

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](#).

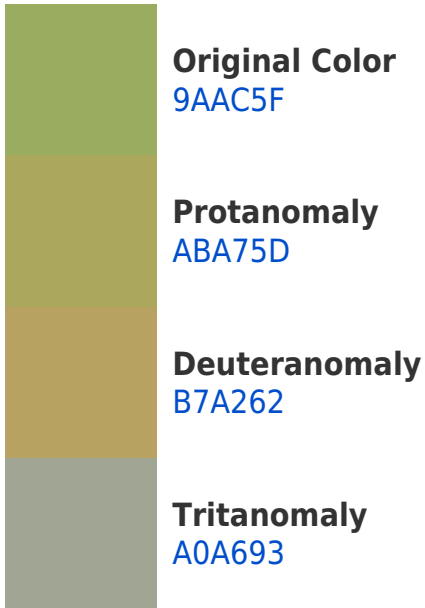
Dichromacy



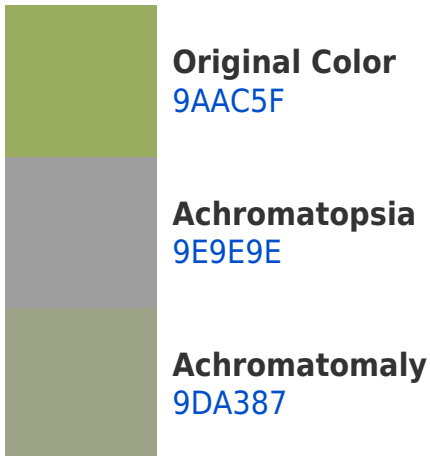


Tritanopia
A4A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAC5F 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 #9AAC5F looks like.

```
.text, #text, p{  
    color:#9AAC5F  
}
```

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 #9AAC5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAC5F
}
```

Border

The CSS property to change the border of an element to Hex 9AAC5F 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
#9AAC5F }
```

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

```
.border{ border-color:#9AAC5F }
```

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

Here you see how a box with a 4 pixel #9AAC5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAC5F; -webkit-box-shadow:4px 4px  
4px 4px #9AAC5F; box-shadow:4px 4px 4px  
4px #9AAC5F }
```

Background

The CSS property to change the background color of an element to Hex 9AAC5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAC5F }
```

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

```
.background{ background-color:#9AAC5F }
```

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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