

Converting Colors

Hex(9CA84F)

Have a look what the booklet for
Hex(9CA84F) contains.

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Color

Hex(9CA84F)

Conversions

Conversions Part 1

Format	Color
Hex	9CA84F
RGB	156, 168, 79
RGB Percent	61%, 66%, 31%
CMY	0.3882, 0.3412, 0.6902
CMYK	0.07, 0.00, 0.53, 0.34
HSL	68°, 36%, 48%
HSV	68°, 53%, 66%
XYZ	29.1242, 35.6377, 12.7409
YIQ	154.2660, 21.4170, -30.2230

Conversions

Conversions Part 2

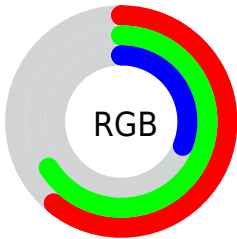
Format	Color
RYB	79, 168, 91
Decimal	10266703
CIELab	66.24, -17.41, 43.97
CIELCh	66, 47.293, 111.594
Yxy	35.6377, 0.3758, 0.4598
Android (android.graphics.Color)	4288456783 (0xFF9CA84F)
YUV	154.2660, -37.1061, 1.5207
Hunter-Lab	59.6973, -17.3864, 29.1342

Details

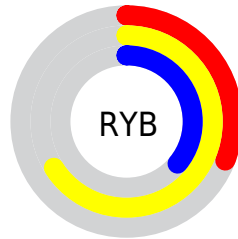
The Hex color **9CA84F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5B4FA8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D4DF83**, and **67741C** is the 20% darker color. If you saturate the color by 10%, you get **9AA83E**, and if you desaturate by 10%, it is **9EA860**.

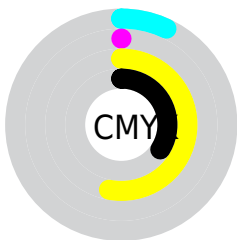
Distribution



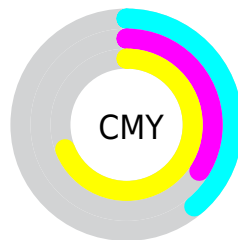
- Red (61%)
- Green (66%)
- Blue (31%)



- Red (31%)
- Yellow (66%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA84F 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 9CA84F by changing the saturation by 10% instead.



9CA84F



9CA84F

FFFFFF



818E36



D4DF83



67741C



F1FC9D



4D5C00



FFFFB9



354400



FFFFD5



1B2E00



FFFFF2



001B00



000000



9CA84F



9CA84F



9AA83E



9EA860

97A82D

A1A871

95A81D

A3A881

93A80C

A5A892

91A800

A7A8A3

AAA8B4

ACA8C5

AEA8D5

B0A8E6

Harmonies

Analogous

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



C59B4B



9CA84F



6AB16A

Triad

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



9CA84F



00B2E3



EA7FAF

Complementary

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



9CA84F



5B4FA8

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.



CA8AD6



9CA84F



32A9F5

Square

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



9CA84F



00B7BF



919BF0



F17F84

Rectangle

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



9CA84F



3CB585



919BF0



E281BD

Sweetspot

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



9CA84F



D7DBB8



A85B4F



6B6E59



EDEDED



6E6E6E

Same Dimension

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



9CA84F



C8DB4F



70A84F



53544C



809400



121400

Inverse Universe

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



5B4FA8



624FDB



874FA8



4D4C54



140094



030014

Previews

White Background



This preview shows how the Hex color 9CA84F looks on a white background.

Color Contrast Check

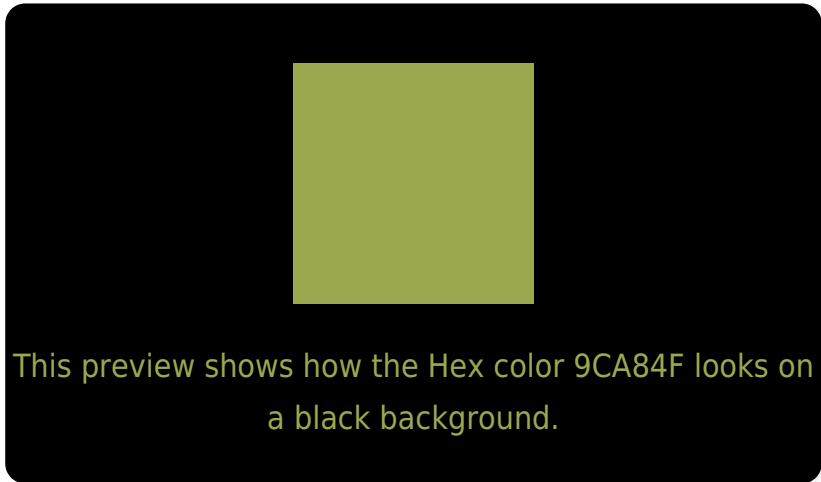
Large Text (above 18pt) WCAG AA × Fail

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 9CA84F Background



This preview shows how black text looks on a background with the Hex color 9CA84F.



This preview shows how white text looks on a background with the Hex color 9CA84F.

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
9CA84F

Protanopia
B2A14D

Deuteranopia
C59953

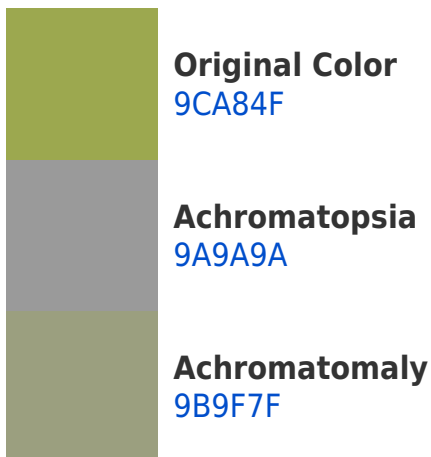


Tritanopia
A69EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA84F 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 #9CA84F looks like.

```
.text, #text, p{  
    color:#9CA84F  
}
```

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 #9CA84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA84F
}
```

Border

The CSS property to change the border of an element to Hex 9CA84F 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
#9CA84F }
```

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

```
.border{ border-color:#9CA84F }
```

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

Here you see how a box with a 4 pixel #9CA84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA84F; -webkit-box-shadow:4px 4px  
4px 4px #9CA84F; box-shadow:4px 4px 4px  
4px #9CA84F }
```

Background

The CSS property to change the background color of an element to Hex 9CA84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA84F }
```

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

```
.background{ background-color:#9CA84F }
```

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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