

# Converting Colors

Hex(9EAD6F)

Have a look what the booklet for  
Hex(9EAD6F) contains.

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# Color

Hex(9EAD6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAD6F
RGB	158, 173, 111
RGB Percent	62%, 68%, 44%
CMY	0.3804, 0.3216, 0.5647
CMYK	0.09, 0.00, 0.36, 0.32
HSL	75°, 27%, 56%
HSV	75°, 36%, 68%
XYZ	31.9134, 38.3039, 20.7503
YIQ	161.4470, 10.9620, -22.4620

# Conversions

## Conversions Part 2

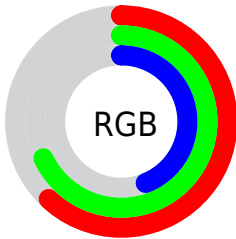
Format	Color
<a href="#">RYB</a>	<a href="#">111, 173, 126</a>
Decimal	<a href="#">10399087</a>
CIELab	<a href="#">68.24, -15.60, 30.15</a>
CIELCh	<a href="#">68, 33.951, 117.353</a>
Yxy	<a href="#">38.3039, 0.3508, 0.4211</a>
Android (android.graphics.Color)	<a href="#">4288589167 (0xFF9EAD6F)</a>
YUV	<a href="#">161.4470, -24.8704, -3.0230</a>
Hunter-Lab	<a href="#">61.8902, -16.2652, 23.4446</a>

# Details

The Hex color **9EAD6F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E6FAD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D5E4A3**, and **6A793E** is the 20% darker color. If you saturate the color by 10%, you get **9AAD5E**, and if you desaturate by 10%, it is **A2AD80**.

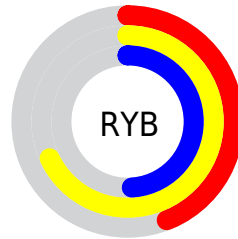
# Distribution



Red (62%)

Green (68%)

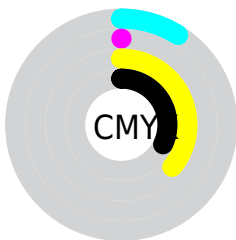
Blue (44%)



Red (44%)

Yellow (68%)

Blue (49%)

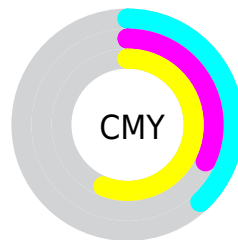


Cyan (9%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAD6F 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 9EAD6F by changing the saturation by 10% instead.





9EAD6F



9EAD6F

FFFFFF



839256



D5E4A3



6A793E



F2FFBF



516027



FFFFDB



394810



FFFFF7



233200



061D00



000000



9EAD6F



9EAD6F



9AAD5E



A2AD80

96AD4C

A6AD92

91AD3B

ABADA3

8DAD2A

AFADB4

89AD19

B3ADC6

85AD07

B7ADD7

83AD00

BBADE8

BFADF9

C4ADFF

# Harmonies

## Analogous

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



BEA469



9EAD6F



7AB484

# Triad

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



9EAD6F



48B2D9



DF8FAA

# Complementary

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



9EAD6F



7E6FAD

# 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.



CB95C8



9EAD6F



77AAE3

# Square

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



9EAD6F



37B6C1



A69FDD



E2918C

# Rectangle

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



9EAD6F



61B698



A69FDD



DA90B5



# Sweetspot

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



9EAD6F



DAE0C8



AD7D6F



6D7062



F0F0F0



707070



# Same Dimension

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



9EAD6F



C9E080



80AD6F



55574E



729600



111700



# Inverse Universe

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



7E6FAD



9780E0



9C6FAD



504E57



240096



060017



# Previews

## White Background



This preview shows how the Hex color 9EAD6F looks on a white background.

## Color Contrast Check

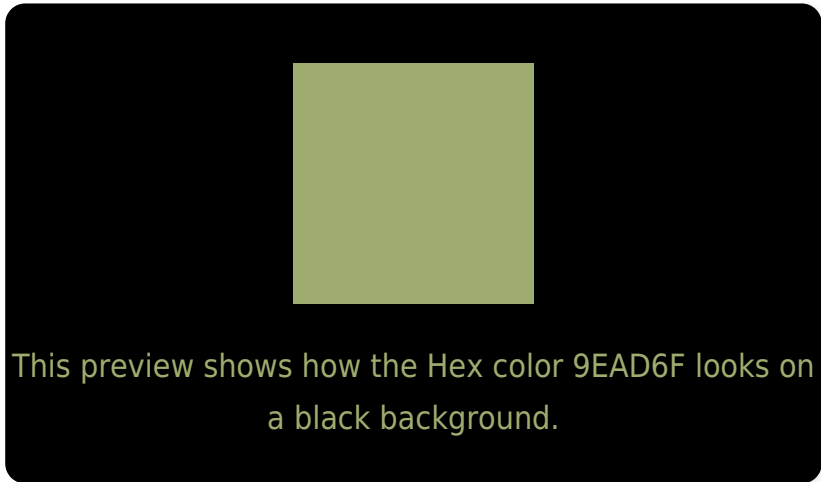
Large Text (above 18pt) WCAG AA × Fail

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

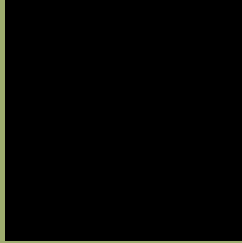
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EAD6F Background



This preview shows how black text looks on a background with the Hex color 9EAD6F.



This preview shows how white text looks on a background with the Hex color 9EAD6F.

# 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](#).

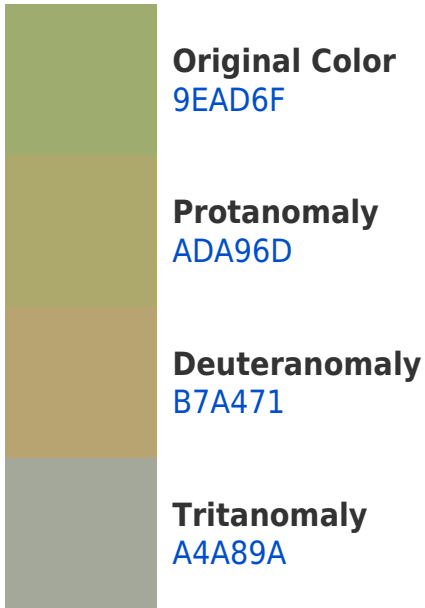
## Dichromacy



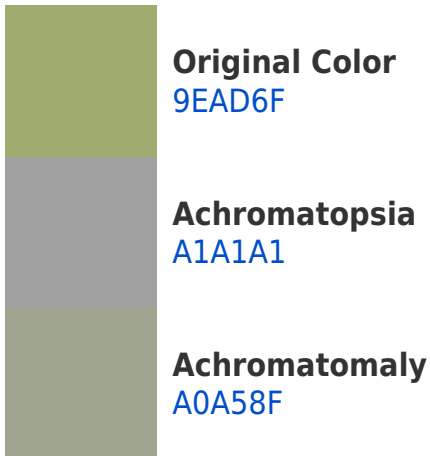


**Tritanopia**  
A7A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAD6F 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 #9EAD6F looks like.

```
.text, #text, p{  
    color:#9EAD6F  
}
```

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 #9EAD6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAD6F
}
```

## Border

The CSS property to change the border of an element to Hex 9EAD6F 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
#9EAD6F }
```

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

```
.border{ border-color:#9EAD6F }
```

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

Here you see how a box with a 4 pixel #9EAD6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAD6F; -webkit-box-shadow:4px 4px  
4px 4px #9EAD6F; box-shadow:4px 4px 4px  
4px #9EAD6F }
```

# Background

The CSS property to change the background color of an element to Hex 9EAD6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAD6F }
```

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

```
.background{ background-color:#9EAD6F }
```

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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