

# Converting Colors

Hex(9FAE63)

Have a look what the booklet for  
Hex(9FAE63) contains.

<b>Hex(9FAE63)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9FAE63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAE63
RGB	159, 174, 99
RGB Percent	62%, 68%, 39%
CMY	0.3765, 0.3176, 0.6118
CMYK	0.09, 0.00, 0.43, 0.32
HSL	72°, 32%, 54%
HSV	72°, 43%, 68%
XYZ	31.6863, 38.5439, 17.5741
YIQ	160.9650, 15.1350, -26.5050

# Conversions

## Conversions Part 2

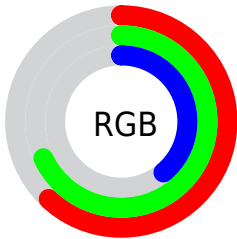
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 174, 114
Decimal	10464867
CIELab	68.42, -17.18, 36.66
CIELCh	68, 40.485, 115.114
Yxy	38.5439, 0.3609, 0.4390
Android (android.graphics.Color)	4288654947 (0xFF9FAE63)
YUV	160.9650, -30.5487, -1.7233
Hunter-Lab	62.0837, -17.5438, 26.6754

# Details

The Hex color **9FAE63** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7263AE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D7E597**, and **6A7A32** is the 20% darker color. If you saturate the color by 10%, you get **9CAE52**, and if you desaturate by 10%, it is **A2AE74**.

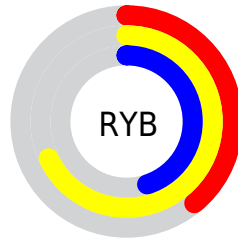
# Distribution



Red (62%)

Green (68%)

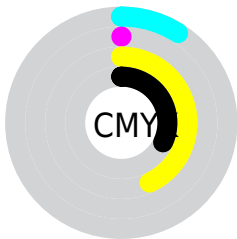
Blue (39%)



Red (39%)

Yellow (68%)

Blue (45%)

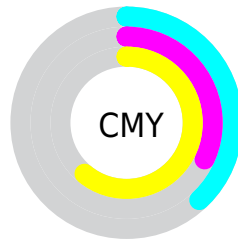


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAE63 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 9FAE63 by changing the saturation by 10% instead.





9FAE63



9FAE63

FFFFFF



84934A



D7E597



6A7A32



F4FFB2



51611A



FFFCE



384900



FFFEA



213200



031E00



000000



9FAE63



9FAE63



9CAE52



A2AE74

98AE40

A6AE86

95AE2F

A9AE97

91AE1D

ADAEA9

8EAE0C

B0AEBA

8BAE00

B4AECB

B7AEDD

BBAEEE

BEAEFF

# Harmonies

## Analogous

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



C4A35D



9FAE63



74B67C

# Triad

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



9FAE63



00B5E2



E88AAE

# Complementary

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



9FAE63



7263AE

# 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.



CF92D1



9FAE63



63ACEF

# Square

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



9FAE63



00BAC5



A2A0E9



ED8C8A

# Rectangle

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



9FAE63



52B993



A2A0E9



E28CBB



# Sweetspot

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



9FAE63



DDE3C5



AE7263



6F7360



F2F2F2



737373



# Same Dimension

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



9FAE63



CBE36D



7AAE63



55574E



789600



121700



# Inverse Universe

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



7263AE



856DE3



9863AE



504E57



1E0096



050017



# Previews

## White Background



This preview shows how the Hex color 9FAE63 looks on a white background.

## Color Contrast Check

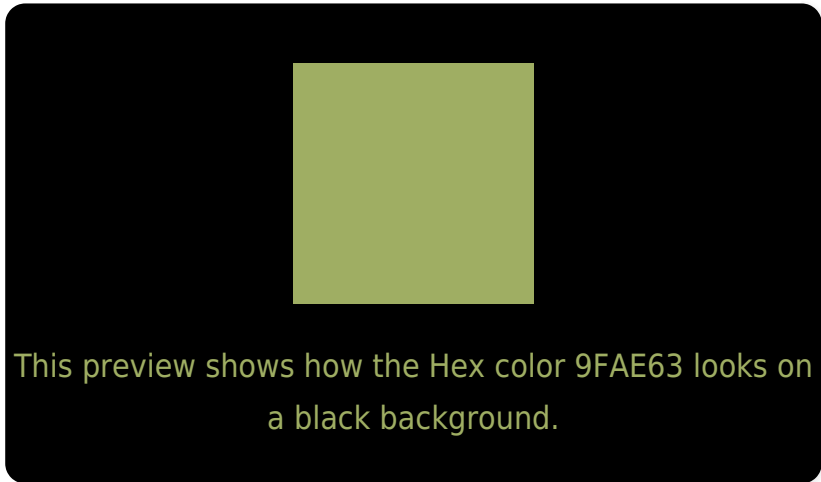
Large Text (above 18pt) WCAG AA × Fail

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

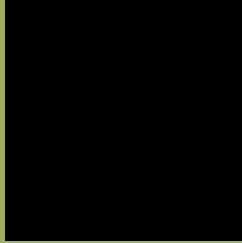
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FAE63 Background



This preview shows how black text looks on a background with the Hex color 9FAE63.

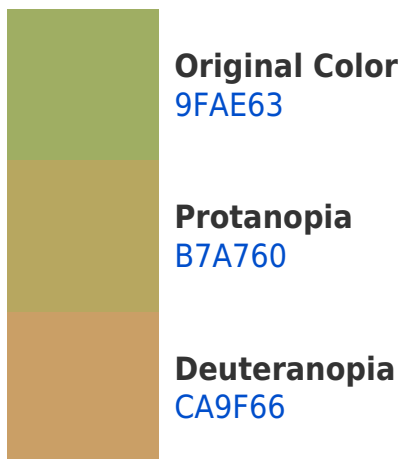


This preview shows how white text looks on a background with the Hex color 9FAE63.

# 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**  
A9A5B2

# Trichromacy



**Original Color**  
9FAE63

**Protanomaly**  
AEAA61

**Deuteranomaly**  
BAA465

**Tritanomaly**  
A5A895

# Monochromacy



**Original Color**  
9FAE63

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A0A68A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAE63 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 #9FAE63 looks like.

```
.text, #text, p{  
    color:#9FAE63  
}
```

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 #9FAE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAE63  
}
```

## Border

The CSS property to change the border of an element to Hex 9FAE63 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  
#9FAE63 }
```

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

```
.border{ border-color:#9FAE63 }
```

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

Here you see how a box with a 4 pixel #9FAE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAE63; -webkit-box-shadow:4px 4px  
4px 4px #9FAE63; box-shadow:4px 4px 4px  
4px #9FAE63 }
```

# Background

The CSS property to change the background color of an element to Hex 9FAE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAE63 }
```

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

```
.background{ background-color:#9FAE63 }
```

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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