

# Converting Colors

Hex(9EAB41)

Have a look what the booklet for  
Hex(9EAB41) contains.

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**Color**

**Hex(9EAB41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAB41
RGB	158, 171, 65
RGB Percent	62%, 67%, 25%
CMY	0.3804, 0.3294, 0.7451
CMYK	0.08, 0.00, 0.62, 0.33
HSL	67°, 45%, 46%
HSV	67°, 62%, 67%
XYZ	29.6176, 36.7766, 10.5386
YIQ	155.0290, 26.2780, -35.7220

# Conversions

## Conversions Part 2

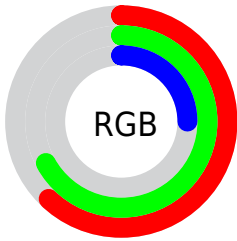
Format	Color
<a href="#">RYB</a>	<a href="#">65, 171, 78</a>
Decimal	<a href="#">10398529</a>
CIELab	<a href="#">67.11, -19.25, 51.46</a>
CIELCh	<a href="#">67, 54.946, 110.507</a>
Yxy	<a href="#">36.7766, 0.3850, 0.4780</a>
Android (android.graphics.Color)	<a href="#">4288588609 (0xFF9EAB41)</a>
YUV	<a href="#">155.0290, -44.3843, 2.6056</a>
Hunter-Lab	<a href="#">60.6437, -18.9494, 32.1472</a>

# Details

The Hex color **9EAB41** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4E41AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D7E275**, and **687704** is the 20% darker color. If you saturate the color by 10%, you get **9CAB30**, and if you desaturate by 10%, it is **A0AB52**.

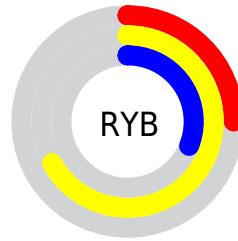
# Distribution



Red (62%)

Green (67%)

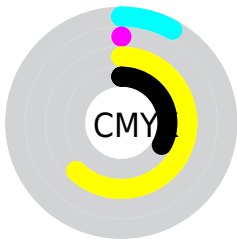
Blue (25%)



Red (25%)

Yellow (67%)

Blue (31%)

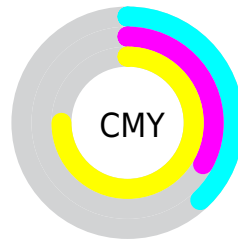


Cyan (8%)

Magenta (0%)

Yellow (62%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAB41 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 9EAB41 by changing the saturation by 10% instead.





9EAB41



9EAB41

FFFFFF



839126



D7E275



687704



F4FF90



4E5E00



FFFFAC



354700



FFFFC8



1A3000



FFFFE4



001D00



000000



9EAB41



9EAB41



9CAB30



A0AB52

■ 9AAB1F

■ A2AB63

■ 98AB0E

■ A4AB74

■ 96AB00

■ A6AB85

■ A8AB96

■ ABABA8

■ ADABB9

■ AFABCA

■ B1ABDB

# Harmonies

## Analogous

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



CD9B3E



9EAB41



63B662

# Triad

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



9EAB41



00B8EF



F67AB5

# Complementary

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



9EAB41



4E41AB

# 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.



D188E3



9EAB41



00ADFF

# Square

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



9EAB41



00BCC4



8B9DFF



FF7A83

# Rectangle

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



9EAB41



1BBA81



8B9DFF



ED7DC6



# Sweetspot

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



9EAB41



D9DEB4



AB4D41



6D7056



F0F0F0



707070



# Same Dimension

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



9EAB41



CADE3A



6AAB41



56574E



849600



141700



# Inverse Universe

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



4E41AB



4E3ADE



8241AB



4F4E57



120096



030017



# Previews

## White Background



This preview shows how the Hex color 9EAB41 looks on a white background.

## Color Contrast Check

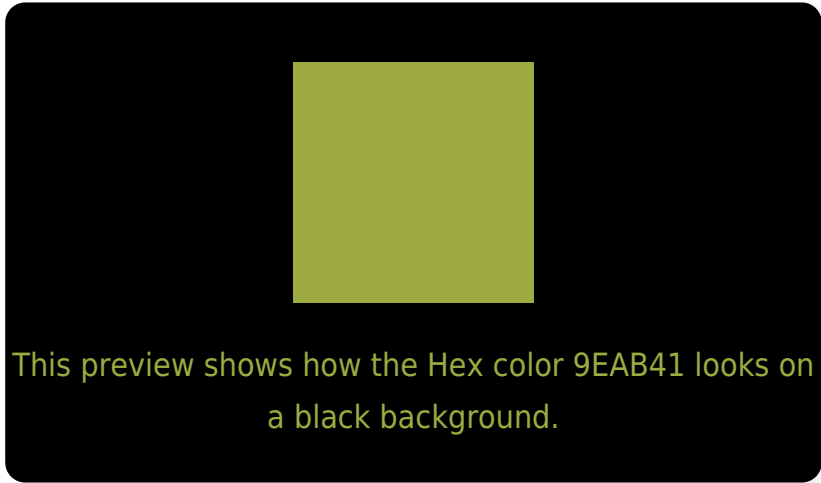
Large Text (above 18pt) WCAG AA × Fail

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 9EAB41 Background



This preview shows how black text looks on a background with the Hex color 9EAB41.



This preview shows how white text looks on a background with the Hex color 9EAB41.

# 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**  
9EAB41

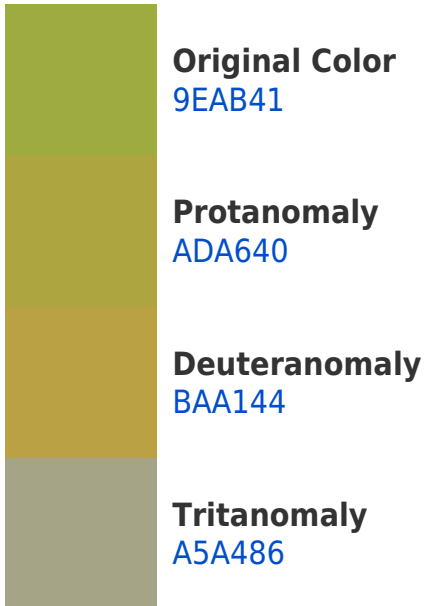
**Protanopia**  
B6A33F

**Deuteranopia**  
CA9B46

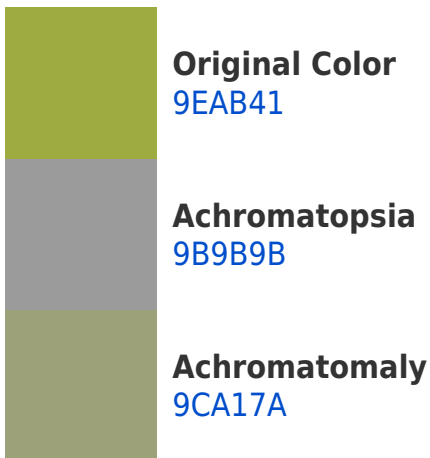


**Tritanopia**  
A9A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAB41 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 #9EAB41 looks like.

```
.text, #text, p{  
    color:#9EAB41  
}
```

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 #9EAB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAB41
}
```

## Border

The CSS property to change the border of an element to Hex 9EAB41 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
#9EAB41 }
```

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

```
.border{ border-color:#9EAB41 }
```

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

Here you see how a box with a 4 pixel #9EAB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAB41; -webkit-box-shadow:4px 4px  
4px 4px #9EAB41; box-shadow:4px 4px 4px  
4px #9EAB41 }
```

# Background

The CSS property to change the background color of an element to Hex 9EAB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAB41 }
```

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

```
.background{ background-color:#9EAB41 }
```

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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