

# Converting Colors

Hex(9E9C39)

Have a look what the booklet for  
Hex(9E9C39) contains.

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# Color

**Hex(9E9C39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9C39
RGB	158, 156, 57
RGB Percent	62%, 61%, 22%
CMY	0.3804, 0.3882, 0.7765
CMYK	0.00, 0.01, 0.64, 0.38
HSL	59°, 47%, 42%
HSV	59°, 64%, 62%
XYZ	26.7275, 31.3414, 8.5117
YIQ	145.3120, 32.9710, -30.3650

# Conversions

## Conversions Part 2

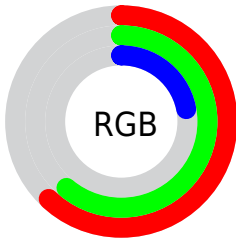
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">59, 158, 57</a>
Decimal	<a href="#">10394681</a>
CIELab	<a href="#">62.79, -12.06, 50.34</a>
CIELCh	<a href="#">63, 51.761, 103.471</a>
Yxy	<a href="#">31.3414, 0.4014, 0.4707</a>
Android (android.graphics.Color)	<a href="#">4288584761 (0xFF9E9C39)</a>
YUV	<a href="#">145.3120, -43.5378, 11.1274</a>
Hunter-Lab	<a href="#">55.9834, -12.7518, 30.1740</a>

# Details

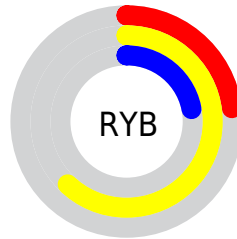
The Hex color **9E9C39** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **393B9E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D7D26D**, and **686900** is the 20% darker color. If you saturate the color by 10%, you get **9E9C29**, and if you desaturate by 10%, it is **9E9C49**.

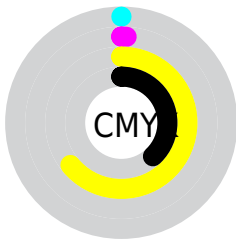
# Distribution



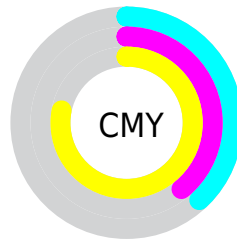
- Red (62%)
- Green (61%)
- Blue (22%)



- Red (23%)
- Yellow (62%)
- Blue (22%)



- Cyan (0%)
- Magenta (1%)
- Yellow (64%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9C39 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 9E9C39 by changing the saturation by 10% instead.





9E9C39



9E9C39

FFFFFF



82821E



D7D26D



686900



F4EF87



4E5100



FFFFA3



343A00



FFFFBE



1B2500



FFFFDB



001100



FFFFF8



000000



9E9C39



9E9C39



9E9C29



9E9C49

 9E9B19

 9E9D59

 9E9B0A

 9E9D68

 9E9B00

 9E9D78

 9E9E88

 9E9E98

 9E9EA8

 9E9FB7

 9E9FC7

# Harmonies

## Analogous

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



C78C3D



9E9C39



6BA752

# Triad

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



9E9C39



00ACD6



DF73B3

# Complementary

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



9E9C39



393B9E

# 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.



B683DB



9E9C39



00A4F0

# Square

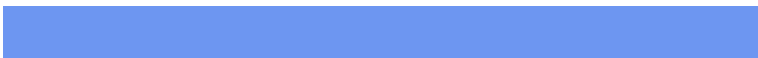
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9E9C39



00AFAC



6D96F1



ED7085

# Rectangle

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



9E9C39



3AAC6D



6D96F1



D578C2



# Sweetspot

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



9E9C39



CFCEA7



9E393C



696851



E8E8E8



696969



# Same Dimension

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



9E9C39



CFCB30



6F9E39



4F4F47



8F8C00



0F0F00



# Inverse Universe

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



393B9E



3033CF



68399E



47474F



00038F



00000F



# Previews

## White Background



This preview shows how the Hex color 9E9C39 looks on a white background.

## Color Contrast Check

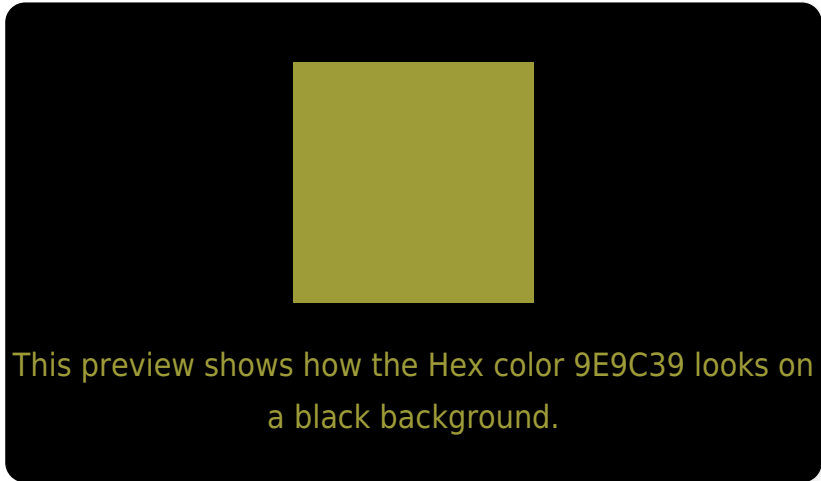
Large Text (above 18pt) WCAG AA × Fail

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

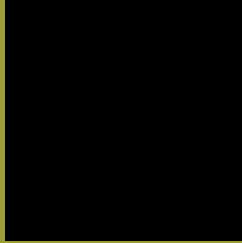
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E9C39 Background



This preview shows how black text looks on a background with the Hex color 9E9C39.

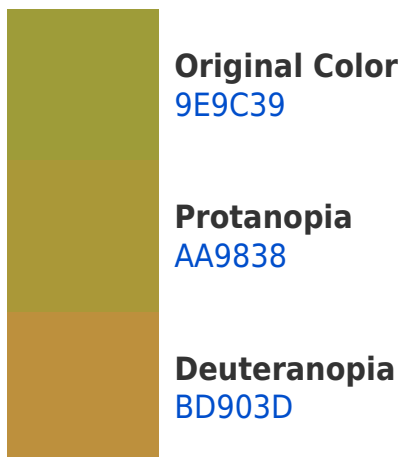


This preview shows how white text looks on a background with the Hex color 9E9C39.

# 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**  
A7929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9C39 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 #9E9C39 looks like.

```
.text, #text, p{  
    color:#9E9C39  
}
```

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 #9E9C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9C39
}
```

## Border

The CSS property to change the border of an element to Hex 9E9C39 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
#9E9C39 }
```

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

```
.border{ border-color:#9E9C39 }
```

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

Here you see how a box with a 4 pixel #9E9C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9C39; -webkit-box-shadow:4px 4px  
4px 4px #9E9C39; box-shadow:4px 4px 4px  
4px #9E9C39 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9C39 }
```

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

```
.background{ background-color:#9E9C39 }
```

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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