

# Converting Colors

Hex(A39633)

Have a look what the booklet for  
Hex(A39633) contains.

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**Color**

**Hex(A39633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A39633
RGB	163, 150, 51
RGB Percent	64%, 59%, 20%
CMY	0.3608, 0.4118, 0.8000
CMYK	0.00, 0.08, 0.69, 0.36
HSL	53°, 52%, 42%
HSV	53°, 69%, 64%
XYZ	26.6081, 29.8382, 7.4889
YIQ	142.6010, 39.5270, -28.0330

# Conversions

## Conversions Part 2

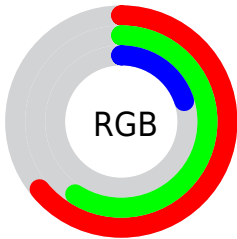
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 163, 51
Decimal	10720819
CIELab	61.51, -7.03, 51.70
CIELCh	62, 52.177, 97.741
Yxy	29.8382, 0.4162, 0.4667
Android (android.graphics.Color)	4288910899 (0xFFA39633)
YUV	142.6010, -45.1593, 17.8899
Hunter-Lab	54.6244, -8.6434, 30.1085

# Details

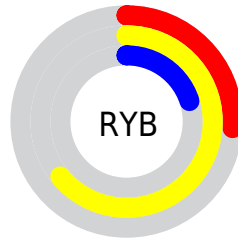
The Hex color **A39633** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3340A3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DCCC67**, and **6C6400** is the 20% darker color. If you saturate the color by 10%, you get **A39423**, and if you desaturate by 10%, it is **A39843**.

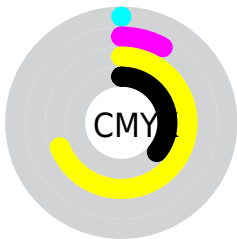
# Distribution



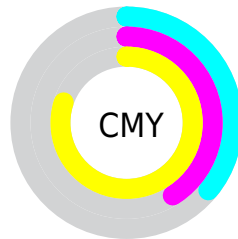
- Red (64%)
- Green (59%)
- Blue (20%)



- Red (26%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (69%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A39633 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 A39633 by changing the saturation by 10% instead.





A39633



A39633

FFFFFF



877C17



DCCC67



6C6400



FAE882



524C00



FFFF9D



383500



FFFFB8



1F2000



FFFFD5



000A00



FFFFF1



000000



A39633



A39633



A39423



A39843

 A39212

 A39A54

 A39002

 A39C64

 A39000

 A39E74

 A39F85

 A3A195

 A3A3A5

 A3A5B5

 A3A7C6

# Harmonies

## Analogous

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



CA863D



A39633



72A248

# Triad

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



A39633



00AACC



D672B8

# Complementary

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



A39633



3340A3

# 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.



A783DE



A39633



00A3E9

# Square

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



A39633



00ABA0



5396F0



E96B8A

# Rectangle

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



A39633



46A761



5396F0



CA77C7



# Sweetspot

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



A39633



D4CEA7



A33340



6B6850



EBEBEB



6B6B6B



# Same Dimension

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



A39633



D4C026



78A333



525149



918000



121000



# Inverse Universe

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



3340A3



263AD4



5E33A3



494A52



001191



000212



# Previews

## White Background



This preview shows how the Hex color A39633 looks on a white background.

## Color Contrast Check

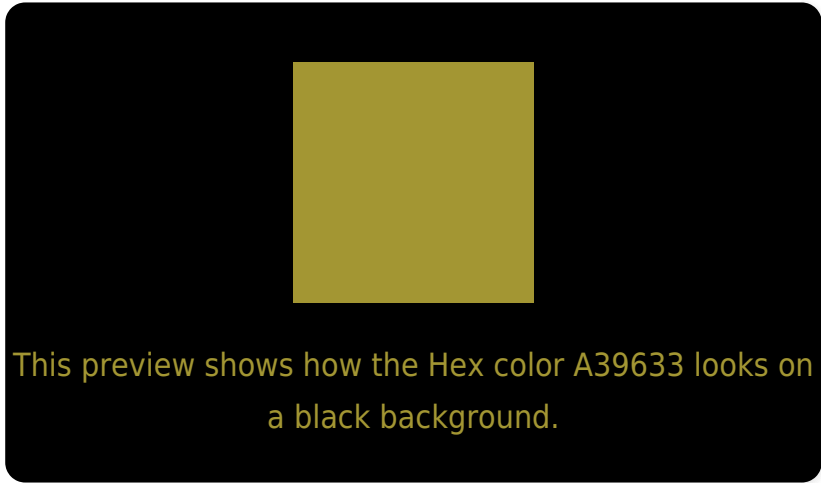
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex A39633 Background



This preview shows how black text looks on a background with the Hex color A39633.



This preview shows how white text looks on a background with the Hex color A39633.

# 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**  
A39633

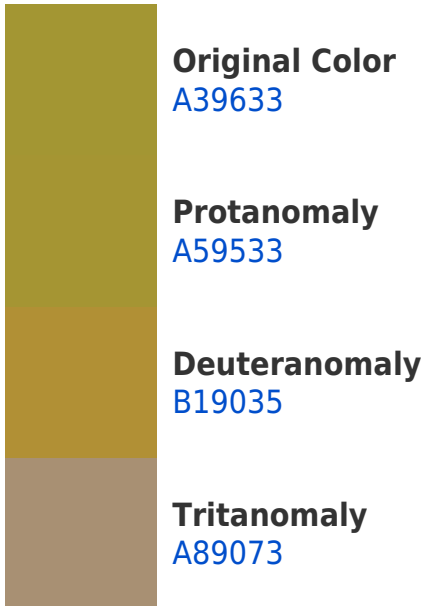
**Protanopia**  
A69533

**Deuteranopia**  
B98D36

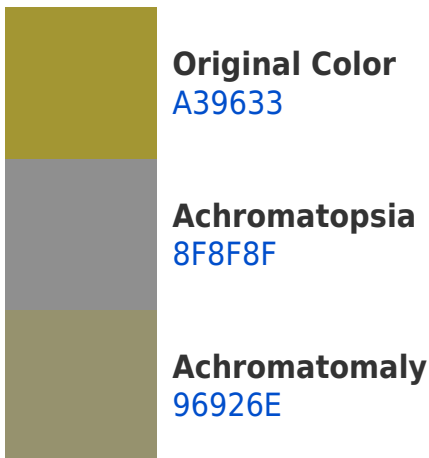


**Tritanopia**  
AB8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A39633 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 #A39633 looks like.

```
.text, #text, p{  
    color:#A39633  
}
```

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 #A39633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A39633
}
```

## Border

The CSS property to change the border of an element to Hex A39633 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
#A39633 }
```

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

```
.border{ border-color:#A39633 }
```

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

Here you see how a box with a 4 pixel #A39633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A39633; -webkit-box-shadow:4px 4px  
4px 4px #A39633; box-shadow:4px 4px 4px  
4px #A39633 }
```

# Background

The CSS property to change the background color of an element to Hex A39633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A39633 }
```

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

```
.background{ background-color:#A39633 }
```

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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