

Converting Colors

Hex(A39931)

Have a look what the booklet for
Hex(A39931) contains.

Hex(A39931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A39931)

Conversions

Conversions Part 1

Format	Color
Hex	A39931
RGB	163, 153, 49
RGB Percent	64%, 60%, 19%
CMY	0.3608, 0.4000, 0.8078
CMYK	0.00, 0.06, 0.70, 0.36
HSL	55°, 54%, 42%
HSV	55°, 70%, 64%
XYZ	27.0499, 30.7907, 7.4233
YIQ	144.1340, 39.3440, -30.2240

Conversions

Conversions Part 2

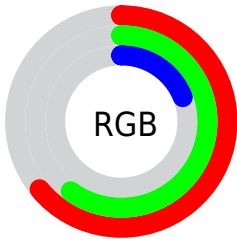
Format	Color
RYB	60, 163, 49
Decimal	10721585
CIELab	62.33, -8.75, 53.35
CIELCh	62, 54.061, 99.310
Yxy	30.7907, 0.4145, 0.4718
Android (android.graphics.Color)	4288911665 (0xFFA39931)
YUV	144.1340, -46.9011, 16.5455
Hunter-Lab	55.4894, -10.0916, 30.9109

Details

The Hex color **A39931** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **313BA3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DDCF66**, and **6C6600** is the 20% darker color. If you saturate the color by 10%, you get **A39821**, and if you desaturate by 10%, it is **A39A41**.

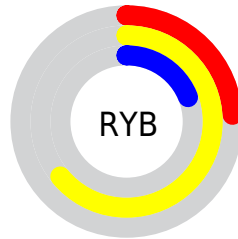
Distribution



Red (64%)

Green (60%)

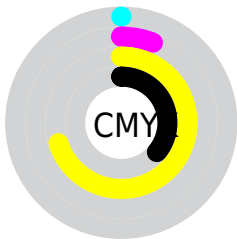
Blue (19%)



Red (24%)

Yellow (64%)

Blue (19%)

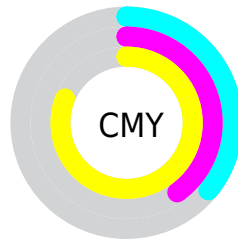


Cyan (0%)

Magenta (6%)

Yellow (70%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A39931 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 A39931 by changing the saturation by 10% instead.



A39931



A39931

FFFFFF



877F13



DDCF66



6C6600



FAEB80



524E00



FFFF9B



383800



FFFFB7



1F2300



FFFFD3



000E00



FFFFF0



000000



A39931



A39931



A39821



A39A41

■ A39610

■ A39C52

■ A39500

■ A39D62

■ A39F72

■ A3A083

■ A3A293

■ A3A3A3

■ A3A4B3

■ A3A6C4

Harmonies

Analogous

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



CC883B



A39931



6FA548

Triad

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



A39931



00ACD2



DD72BA

Complementary

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



A39931



313BA3

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.



AD84E1



A39931



00A5F0

Square

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



A39931



00AEA5



5897F5



EF6C8A

Rectangle

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



A39931



40AA64



5897F5



D077C8

Sweetspot

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



A39931



D4D0A7



A3313C



6B6950



EBEBEB



6B6B6B

Same Dimension

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



A39931



D4C422



75A331



525149



918500



121000

Inverse Universe

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



313BA3



2231D4



5F31A3



494A52



000D91



000212

Previews

White Background



This preview shows how the Hex color A39931 looks on a white background.

Color Contrast Check

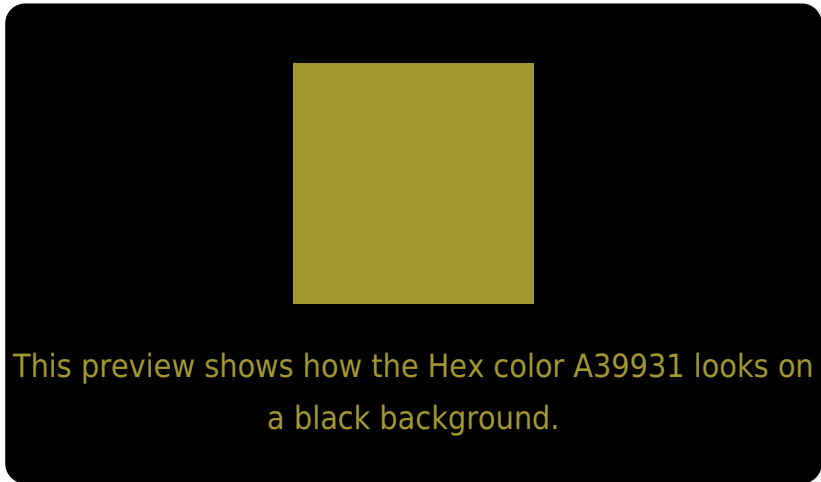
Large Text (above 18pt) WCAG AA × Fail

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 A39931 Background



This preview shows how black text looks on a background with the Hex color A39931.



This preview shows how white text looks on a background with the Hex color A39931.

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
A39931

Protanopia
A99730

Deuteranopia
BC8F35



Tritanopia
AC8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A39931 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 #A39931 looks like.

```
.text, #text, p{  
    color:#A39931  
}
```

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 #A39931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A39931
}
```

Border

The CSS property to change the border of an element to Hex A39931 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
#A39931 }
```

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

```
.border{ border-color:#A39931 }
```

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

Here you see how a box with a 4 pixel #A39931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A39931; -webkit-box-shadow:4px 4px  
4px 4px #A39931; box-shadow:4px 4px 4px  
4px #A39931 }
```

Background

The CSS property to change the background color of an element to Hex A39931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A39931 }
```

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

```
.background{ background-color:#A39931 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor