

# Converting Colors

Hex(A3931A)

Have a look what the booklet for  
Hex(A3931A) contains.

<b>Hex(A3931A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A3931A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3931A
RGB	163, 147, 26
RGB Percent	64%, 58%, 10%
CMY	0.3608, 0.4235, 0.8980
CMYK	0.00, 0.10, 0.84, 0.36
HSL	53°, 72%, 37%
HSV	53°, 84%, 64%
XYZ	25.7244, 28.7285, 5.1666
YIQ	137.9900, 48.3770, -34.2390

# Conversions

## Conversions Part 2

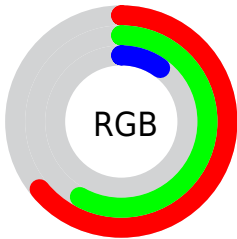
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 163, 26
Decimal	10720026
CIELab	60.54, -6.50, 59.56
CIELCh	61, 59.914, 96.224
Yxy	28.7285, 0.4315, 0.4819
Android (android.graphics.Color)	4288910106 (0xFFA3931A)
YUV	137.9900, -55.2111, 21.9338
Hunter-Lab	53.5990, -8.1286, 31.8041

# Details

The Hex color **A3931A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1A2AA3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DDC953**, and **6B6100** is the 20% darker color. If you saturate the color by 10%, you get **A3910A**, and if you desaturate by 10%, it is **A3952A**.

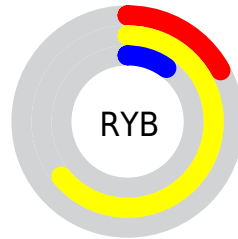
# Distribution



Red (64%)

Green (58%)

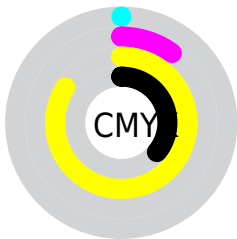
Blue (10%)



Red (17%)

Yellow (64%)

Blue (10%)

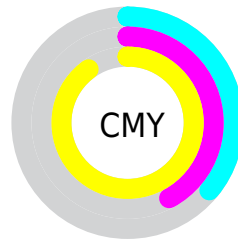


Cyan (0%)

Magenta (10%)

Yellow (84%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3931A 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 A3931A by changing the saturation by 10% instead.





A3931A



A3931A

FFFFFF



877900



DDC953



6B6100



FBE56E



504900



FFFF89



363300



FFFFA5



1D1E00



FFFFC1



000400



FFFFDE



000000



FFFFFB



A3931A



A3931A

 A3910A

 A3952A

 A39000

 A3973B

 A3994B

 A39B5B

 A39D6B

 A39E7C

 A3A08C

 A3A29C

 A3A4AD

# Harmonies

## Analogous

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



CF802D



A3931A



6BA136

# Triad

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



A3931A



00AACF



DA69BE

# Complementary

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



A3931A



1A2AA3

# 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.



A27FE8



A3931A



00A3F2

# Square

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



A3931A



00AB9C



2694FB



F15F89

# Rectangle

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



A3931A



34A654



2694FB



CC70CE



# Sweetspot

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



A3931A



D4CD9F



A31A2C



6B674B



EBEBEB



6B6B6B



# Same Dimension

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



A3931A



D4BB00



71A31A



525149



918000



121000



# Inverse Universe

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



1A2AA3



0019D4



4C1AA3



494A52



001191



000212



# Previews

## White Background



This preview shows how the Hex color A3931A looks on a white background.

## Color Contrast Check

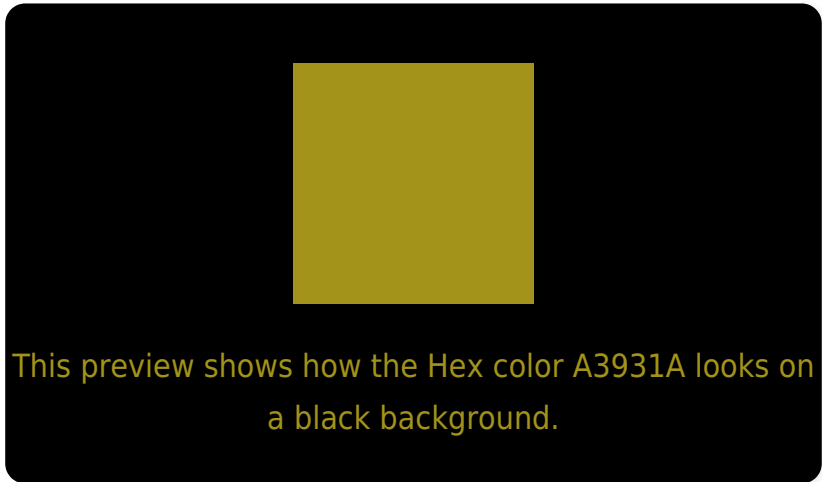
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3931A Background



This preview shows how black text looks on a background with the Hex color A3931A.



This preview shows how white text looks on a background with the Hex color A3931A.

# 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**  
A3931A

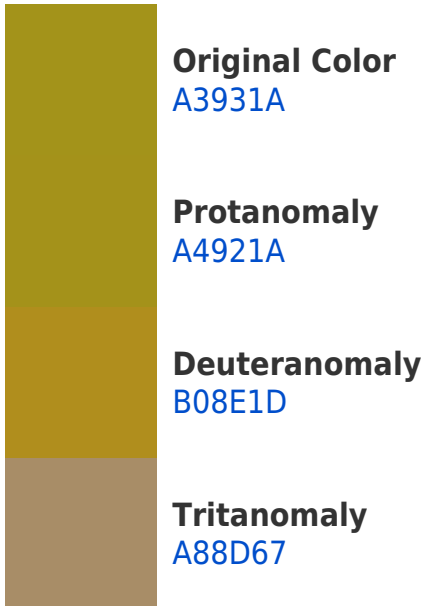
**Protanopia**  
A5921A

**Deuteranopia**  
B88B1F

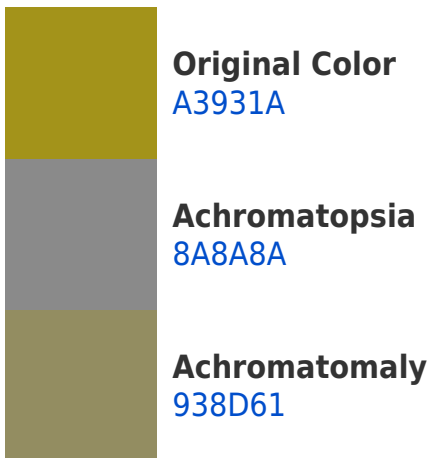


**Tritanopia**  
AB8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3931A 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 #A3931A looks like.

```
.text, #text, p{  
    color:#A3931A  
}
```

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 #A3931A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3931A
}
```

## Border

The CSS property to change the border of an element to Hex A3931A 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
#A3931A }
```

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

```
.border{ border-color:#A3931A }
```

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

Here you see how a box with a 4 pixel #A3931A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3931A; -webkit-box-shadow:4px 4px  
4px 4px #A3931A; box-shadow:4px 4px 4px  
4px #A3931A }
```

# Background

The CSS property to change the background color of an element to Hex A3931A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3931A }
```

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

```
.background{ background-color:#A3931A }
```

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