

# Converting Colors

Hex(39331A)

Have a look what the booklet for  
Hex(39331A) contains.

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# Color

**Hex(39331A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39331A
RGB	57, 51, 26
RGB Percent	22%, 20%, 10%
CMY	0.7765, 0.8000, 0.8980
CMYK	0.00, 0.11, 0.54, 0.78
HSL	48°, 37%, 16%
HSV	48°, 54%, 22%
XYZ	3.0576, 3.3121, 1.4554
YIQ	49.9440, 11.6010, -6.5030

# Conversions

## Conversions Part 2

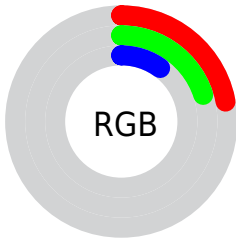
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 57, 26
Decimal	3748634
CIELab	21.25, -1.55, 16.76
CIELCh	21, 16.836, 95.290
Yxy	3.3121, 0.3907, 0.4233
Android (android.graphics.Color)	4281938714 (0xFF39331A)
YUV	49.9440, -11.8044, 6.1881
Hunter-Lab	18.1992, -1.8589, 7.9979

# Details

The Hex color **39331A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2039**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **696146**, and **030600** is the 20% darker color. If you saturate the color by 10%, you get **393214**, and if you desaturate by 10%, it is **393420**.

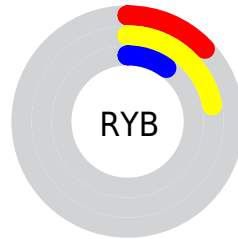
# Distribution



Red (22%)

Green (20%)

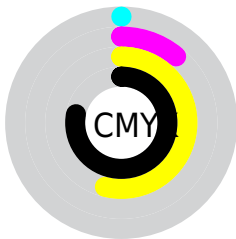
Blue (10%)



Red (13%)

Yellow (22%)

Blue (10%)

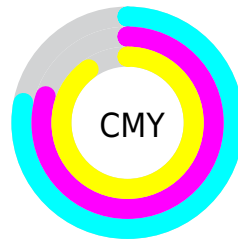


Cyan (0%)

Magenta (11%)

Yellow (54%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39331A 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 39331A by changing the saturation by 10% instead.





39331A



39331A

FFFFFF



241E00



696146



030600



827A5E



000000



9D9476



B8AE90



D4CAAB



F0E6C6



FFFFE2



39331A



39331A

■ 393214

■ 393420

■ 39310F

■ 393525

■ 393009

■ 39362B

■ 392F03

■ 393731

■ 392E00

■ 393937

■ 393A3C

■ 393B42

■ 393C48

■ 393D4D

# Harmonies

## Analogous

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



442F1D



39331A



2C371E

# Triad

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



39331A



003941



442B3E

# Complementary

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



39331A



1A2039

# 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.



372F47



39331A



0D3749

# Square

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



39331A



0A3A35



24344C



4B2931

# Rectangle

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



39331A



223824



24344C



412C41



# Sweetspot

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



39331A



4A483E



391A20



26251F



A6A6A6



262626



# Same Dimension

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



39331A



4A411A



30391A



1C1C19



5C4A00



DBB100



# Inverse Universe

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



1A2039



1A234A



231A39



191A1C



00125C



002ADB



# Previews

## White Background



This preview shows how the Hex color 39331A looks on a white background.

## Color Contrast Check

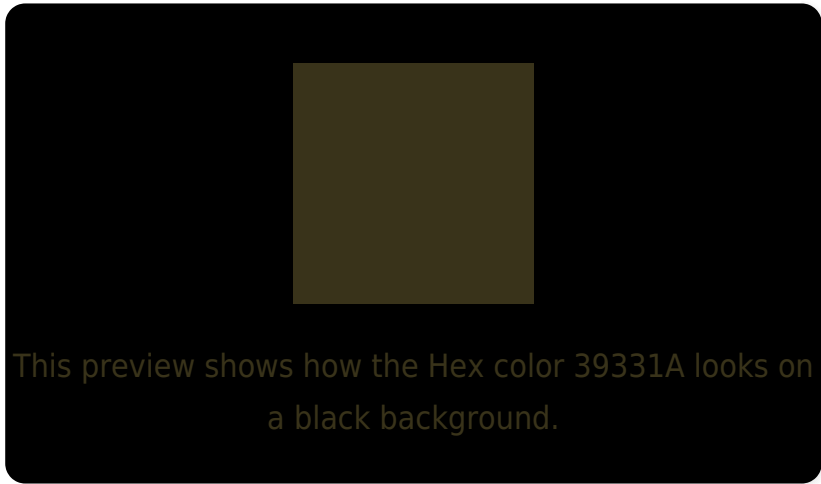
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

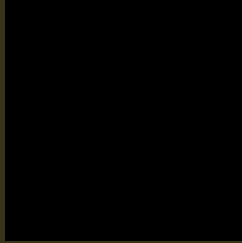
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39331A Background



This preview shows how black text looks on a background with the Hex color 39331A.

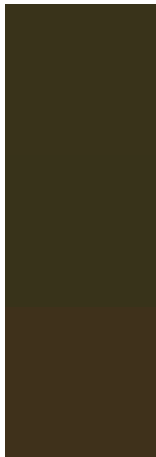


This preview shows how white text looks on a background with the Hex color 39331A.

# 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**  
39331A

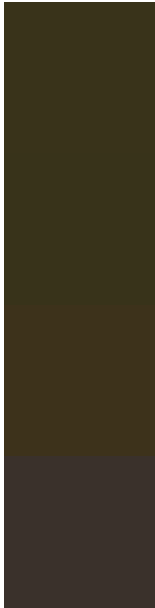
**Protanopia**  
38331A

**Deuteranopia**  
3F311B



**Tritanopia**  
3B3034

# Trichromacy



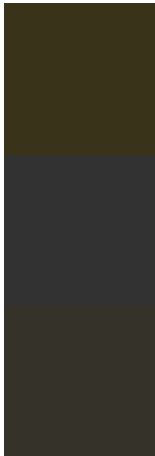
**Original Color**  
39331A

**Protanomaly**  
38331A

**Deuteranomaly**  
3D321B

**Tritanomaly**  
3A312B

# Monochromacy



**Original Color**  
39331A

**Achromatopsia**  
323232

**Achromatomaly**  
353229

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39331A 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 #39331A looks like.

```
.text, #text, p{  
    color:#39331A  
}
```

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 #39331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39331A
}
```

## Border

The CSS property to change the border of an element to Hex 39331A 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".

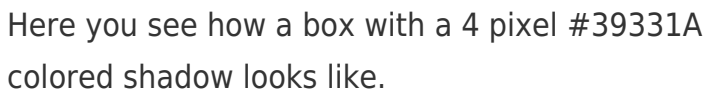
```
.border, #border, table{ border:4px solid
#39331A }
```

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

```
.border{ border-color:#39331A }
```

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

Here you see how a box with a 4 pixel #39331A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39331A; -webkit-box-shadow:4px 4px  
4px 4px #39331A; box-shadow:4px 4px 4px  
4px #39331A }
```

# Background

The CSS property to change the background color of an element to Hex 39331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39331A }
```

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

```
.background{ background-color:#39331A }
```

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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