

# Converting Colors

Hex(49381A)

Have a look what the booklet for  
Hex(49381A) contains.

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**Color**

**Hex(49381A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49381A
RGB	73, 56, 26
RGB Percent	29%, 22%, 10%
CMY	0.7137, 0.7804, 0.8980
CMYK	0.00, 0.23, 0.64, 0.71
HSL	38°, 47%, 19%
HSV	38°, 64%, 29%
XYZ	4.3483, 4.3194, 1.5818
YIQ	57.6630, 19.7620, -5.7260

# Conversions

## Conversions Part 2

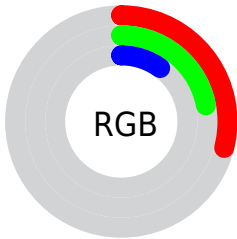
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 73, 26
Decimal	4798490
CIE Lab	24.70, 3.39, 21.37
CIE LCh	25, 21.640, 80.980
Yxy	4.3194, 0.4242, 0.4214
Android (android.graphics.Color)	4282988570 (0xFF49381A)
YUV	57.6630, -15.6099, 13.4505
Hunter-Lab	20.7832, 0.9755, 10.0356

# Details

The Hex color **49381A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2B49**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7B6746**, and **1B0D00** is the 20% darker color. If you saturate the color by 10%, you get **493513**, and if you desaturate by 10%, it is **493B21**.

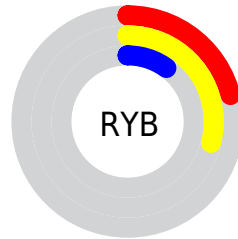
# Distribution



Red (29%)

Green (22%)

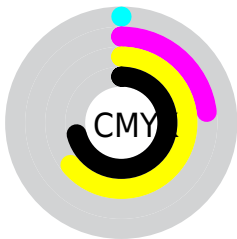
Blue (10%)



Red (21%)

Yellow (29%)

Blue (10%)

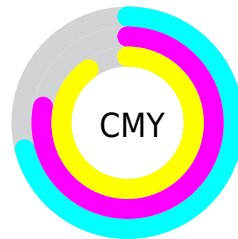


Cyan (0%)

Magenta (23%)

Yellow (64%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49381A 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 49381A by changing the saturation by 10% instead.





49381A



49381A

FFFFFF



322301



7B6746



1B0D00



96805E



000000



B19A77



CDB491



E9D0AB



FFECC7



FFFFE3



49381A



49381A

■ 493513

■ 493B21

■ 49330B

■ 493D29

■ 493004

■ 494030

■ 492F00

■ 494337

■ 49453F

■ 494846

■ 494A4D

■ 494D54

■ 49505C

# Harmonies

## Analogous

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



553222



49381A



393D1B

# Triad

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



49381A



004346



4A324F

# Complementary

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



49381A



1A2B49

# 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.



343859



49381A



004154

# Square

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



49381A



0B4335



143E5B



572E40

# Rectangle

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



49381A



2D4021



143E5B



443453



# Sweetspot

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



49381A



5E584C



491A2B



302C25



B0B0B0



303030



# Same Dimension

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



49381A



5E4416



43491A



242220



633F00



E39100



# Inverse Universe

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



1A2B49



16305E



201A49



202124



002463



0052E3



# Previews

## White Background



This preview shows how the Hex color 49381A looks on a white background.

## Color Contrast Check

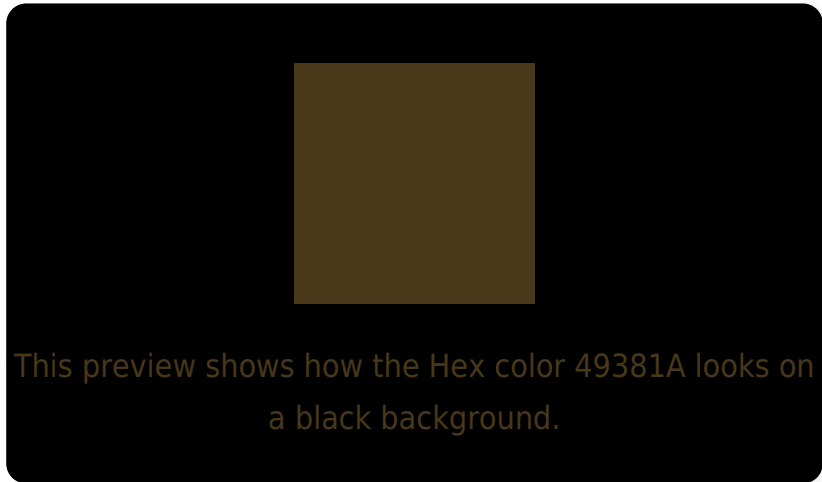
Large Text (above 18pt) WCAG AA ✓ Pass

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

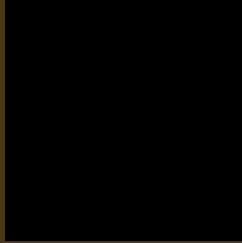
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49381A Background



This preview shows how black text looks on a background with the Hex color 49381A.

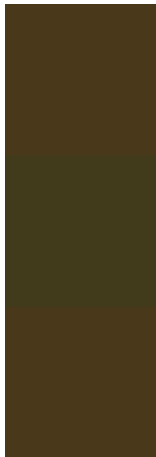


This preview shows how white text looks on a background with the Hex color 49381A.

# 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**  
49381A

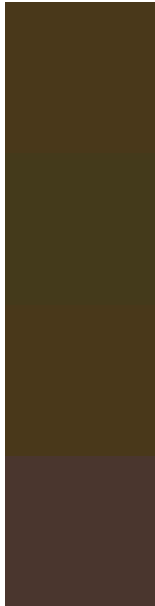
**Protanopia**  
413B1B

**Deuteranopia**  
49381A



**Tritanopia**  
4B3539

# Trichromacy



**Original Color**  
49381A

**Protanomaly**  
443A1B

**Deuteranomaly**  
49381A

**Tritanomaly**  
4A362E

# Monochromacy



**Original Color**  
49381A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3F392E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49381A 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 #49381A looks like.

```
.text, #text, p{  
    color:#49381A  
}
```

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 #49381A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49381A
}
```

## Border

The CSS property to change the border of an element to Hex 49381A is called "border". The border property can be set on classes, ids or directly on the HTML element.

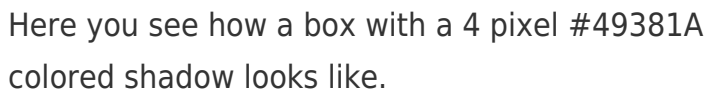
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49381A }
```

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

```
.border{ border-color:#49381A }
```

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



Here you see how a box with a 4 pixel #49381A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49381A; -webkit-box-shadow:4px 4px  
4px 4px #49381A; box-shadow:4px 4px 4px  
4px #49381A }
```

# Background

The CSS property to change the background color of an element to Hex 49381A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49381A }
```

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

```
.background{ background-color:#49381A }
```

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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