

# Converting Colors

Hex(49421B)

Have a look what the booklet for  
Hex(49421B) contains.

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**Color**

**Hex(49421B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49421B
RGB	73, 66, 27
RGB Percent	29%, 26%, 11%
CMY	0.7137, 0.7412, 0.8941
CMYK	0.00, 0.10, 0.63, 0.71
HSL	51°, 46%, 20%
HSV	51°, 63%, 29%
XYZ	4.8937, 5.3920, 1.8197
YIQ	63.6470, 16.6910, -10.6450

# Conversions

## Conversions Part 2

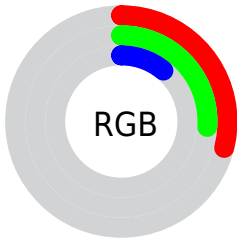
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 73, 27
Decimal	4801051
CIELab	27.82, -2.89, 24.42
CIELCh	28, 24.593, 96.737
Yxy	5.3920, 0.4043, 0.4454
Android (android.graphics.Color)	4282991131 (0xFF49421B)
YUV	63.6470, -18.0670, 8.2026
Hunter-Lab	23.2207, -3.0180, 11.6081

# Details

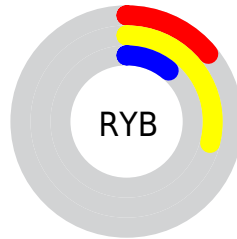
The Hex color **49421B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B2249**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7B7248**, and **1B1800** is the 20% darker color. If you saturate the color by 10%, you get **494114**, and if you desaturate by 10%, it is **494322**.

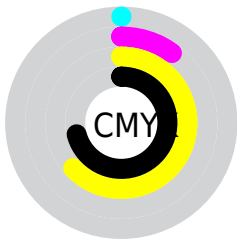
# Distribution



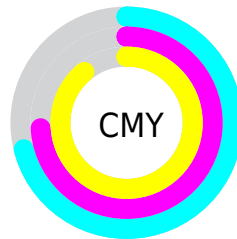
- Red (29%)
- Green (26%)
- Blue (11%)



- Red (14%)
- Yellow (29%)
- Blue (11%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (71%)



- Cyan (71%)
- Magenta (74%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49421B 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 49421B by changing the saturation by 10% instead.





49421B



49421B

FFFFFF



322C03



7B7248



1B1800



958B60



000000



B1A579



CCC193



E9DCAE



FFF9C9



FFFFE6



49421B



49421B

■ 494114

■ 494322

■ 49400C

■ 49442A

■ 493F05

■ 494531

■ 493E00

■ 494638

■ 494840

■ 494947

■ 494A4E

■ 494B55

■ 494C5D

# Harmonies

## Analogous

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



593B1F



49421B



354722

# Triad

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



49421B



004B58



5C3451

# Complementary

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



49421B



1B2249

# 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.



493B60



49421B



004864

# Square

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



49421B



004B45



2A4267



65323E

# Rectangle

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



49421B



25492C



2A4267



573657



# Sweetspot

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



49421B



5E5C4C



491B23



302F25



B0B0B0



303030



# Same Dimension

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



49421B



5E5317



3A491B



242320



635400



E3C000



# Inverse Universe

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



1B2249



17225E



2A1B49



202124



000F63



0023E3



# Previews

## White Background



This preview shows how the Hex color 49421B looks on a white background.

## Color Contrast Check

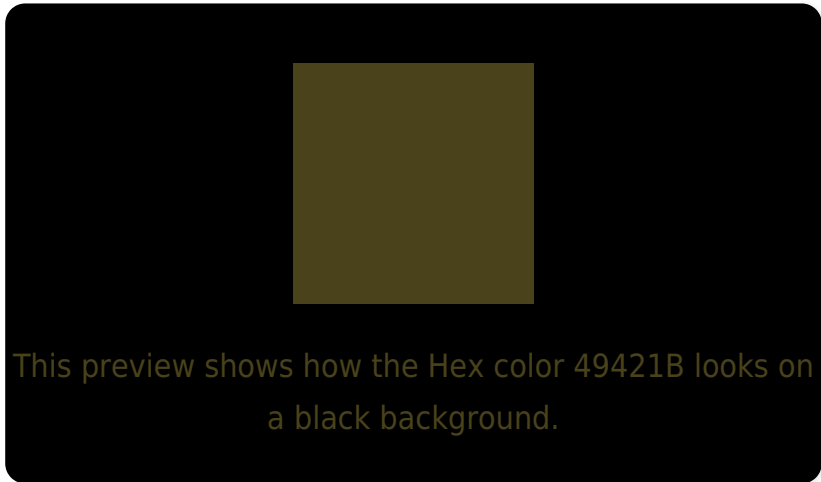
Large Text (above 18pt) WCAG AA ✓ Pass

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

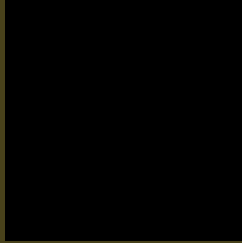
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49421B Background



This preview shows how black text looks on a background with the Hex color 49421B.



This preview shows how white text looks on a background with the Hex color 49421B.

# 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**  
49421B

**Protanopia**  
49421B

**Deuteranopia**  
523F1C



**Tritanopia**  
4C3E43

# Trichromacy



**Original Color**

49421B

**Protanomaly**

49421B

**Deuteranomaly**

4F401C

**Tritanomaly**

4B3F34

# Monochromacy



**Original Color**

49421B

**Achromatopsia**

404040

**Achromatomaly**

434133

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49421B 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 #49421B looks like.

```
.text, #text, p{  
    color:#49421B  
}
```

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 #49421B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49421B
}
```

## Border

The CSS property to change the border of an element to Hex 49421B 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".

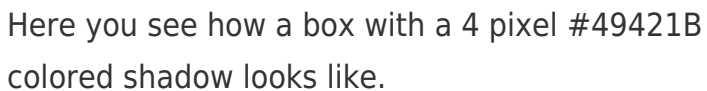
```
.border, #border, table{ border:4px solid
#49421B }
```

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

```
.border{ border-color:#49421B }
```

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

Here you see how a box with a 4 pixel #49421B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49421B; -webkit-box-shadow:4px 4px  
4px 4px #49421B; box-shadow:4px 4px 4px  
4px #49421B }
```

# Background

The CSS property to change the background color of an element to Hex 49421B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49421B }
```

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

```
.background{ background-color:#49421B }
```

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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