

Converting Colors

Hex(49431D)

Have a look what the booklet for
Hex(49431D) contains.

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Color

Hex(49431D)

Conversions

Conversions Part 1

Format	Color
Hex	49431D
RGB	73, 67, 29
RGB Percent	29%, 26%, 11%
CMY	0.7137, 0.7373, 0.8863
CMYK	0.00, 0.08, 0.60, 0.71
HSL	52°, 43%, 20%
HSV	52°, 60%, 29%
XYZ	4.9766, 5.5195, 1.9655
YIQ	64.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

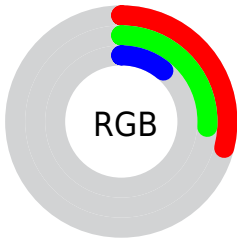
Format	Color
RYB	36, 73, 29
Decimal	4801309
CIELab	28.17, -3.32, 23.68
CIElCh	28, 23.916, 97.974
Yxy	5.5195, 0.3994, 0.4429
Android (android.graphics.Color)	4282991389 (0xFF49431D)
YUV	64.4620, -17.4828, 7.4878
Hunter-Lab	23.4936, -3.3026, 11.4853

Details

The Hex color **49431D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D2349**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7B734A**, and **1C1800** is the 20% darker color. If you saturate the color by 10%, you get **494216**, and if you desaturate by 10%, it is **494424**.

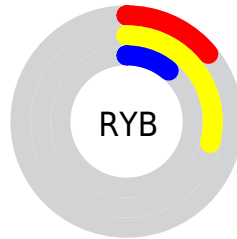
Distribution



Red (29%)

Green (26%)

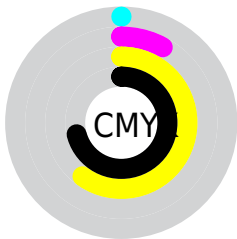
Blue (11%)



Red (14%)

Yellow (29%)

Blue (11%)

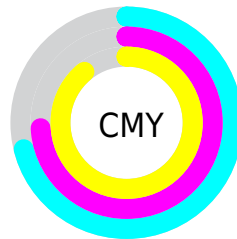


Cyan (0%)

Magenta (8%)

Yellow (60%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49431D 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 49431D by changing the saturation by 10% instead.



49431D



49431D

FFFFFF



322D06



7B734A



1C1800



958C62



000000



B0A77B



CCC295



E9DEB0



FFFACC



FFFFE8



49431D



49431D

■ 494216

■ 494424

■ 49410E

■ 49452C

■ 494007

■ 494633

■ 493F00

■ 49473A

■ 494842

■ 494949

■ 494A50

■ 494B57

■ 494C5F

Harmonies

Analogous

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



593D20



49431D



354825

Triad

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



49431D



004B59



5D3651

Complementary

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



49431D



1D2349

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.



4B3C60



49431D



004864

Square

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



49431D



004C47



2D4367



65333E

Rectangle

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



49431D



264A2E



2D4367



583756

Sweetspot

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



49431D



5E5C4D



491D24



302F26



B0B0B0



303030

Same Dimension

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



49431D



5E551A



3A491D



242320



635600



E3C400

Inverse Universe

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



1D2349



1A245E



2C1D49



202124



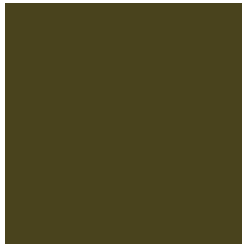
000E63



001FE3

Previews

White Background



This preview shows how the Hex color 49431D looks on a white background.

Color Contrast Check

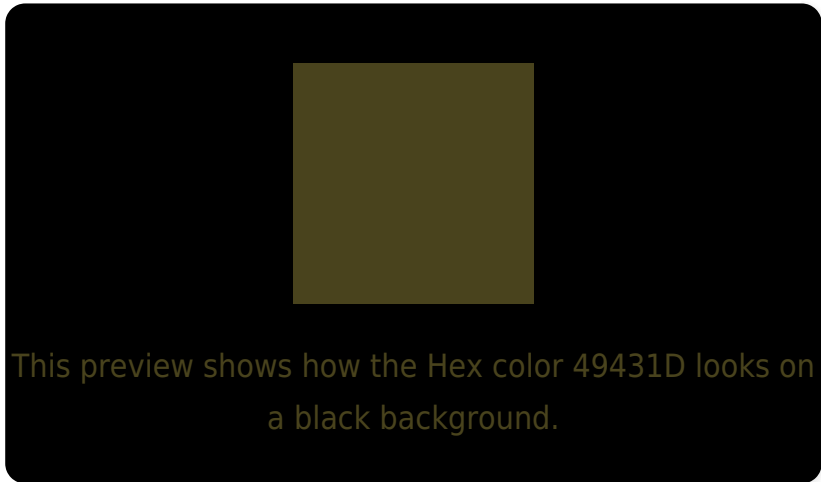
Large Text (above 18pt) WCAG AA ✓ Pass

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

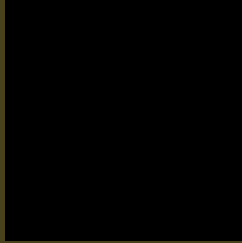
Any Text WCAG AA × Fail

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 49431D Background



This preview shows how black text looks on a background with the Hex color 49431D.



This preview shows how white text looks on a background with the Hex color 49431D.

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
49431D

Protanopia
4A431D

Deuteranopia
523F1E



Tritanopia
4C3F44

Trichromacy



Original Color
49431D

Protanomaly
4A431D

Deuteranomaly
4F401E

Tritanomaly
4B4036

Monochromacy



Original Color
49431D

Achromatopsia
404040

Achromatomaly
434133

CSS Examples

Text

The CSS property to change the color of the text to Hex 49431D 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 #49431D looks like.

```
.text, #text, p{  
    color:#49431D  
}
```

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 #49431D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49431D
}
```

Border

The CSS property to change the border of an element to Hex 49431D is called "border". The border property can be set on classes, ids or directly on the HTML element.

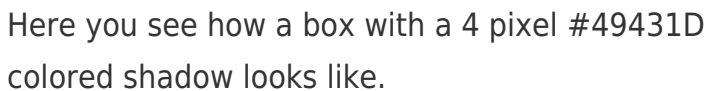
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49431D }
```

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

```
.border{ border-color:#49431D }
```

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



Here you see how a box with a 4 pixel #49431D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49431D; -webkit-box-shadow:4px 4px  
4px 4px #49431D; box-shadow:4px 4px 4px  
4px #49431D }
```

Background

The CSS property to change the background color of an element to Hex 49431D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49431D }
```

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

```
.background{ background-color:#49431D }
```

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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