

# Converting Colors

Hex(49171C)

Have a look what the booklet for  
Hex(49171C) contains.

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**Color**

**Hex(49171C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49171C
RGB	73, 23, 28
RGB Percent	29%, 9%, 11%
CMY	0.7137, 0.9098, 0.8902
CMYK	0.00, 0.68, 0.62, 0.71
HSL	354°, 52%, 19%
HSV	354°, 68%, 29%
XYZ	3.2637, 2.1131, 1.3345
YIQ	38.5200, 28.1950, 12.1550

# Conversions

## Conversions Part 2

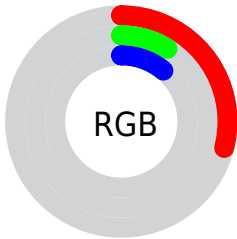
Format	Color
R <sub>Y</sub> B	73, 23, 28
Decimal	4790044
CIE Lab	16.07, 24.28, 9.18
CIE LCh	16, 25.960, 20.712
Yxy	2.1131, 0.4863, 0.3149
Android (android.graphics.Color)	4282980124 (0xFF49171C)
YUV	38.5200, -5.1864, 30.2390
Hunter-Lab	14.5365, 14.6369, 4.7327

# Details

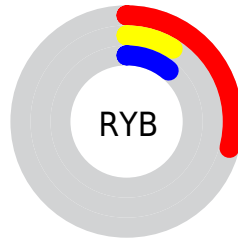
The Hex color **49171C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174944**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7D4547**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **491015**, and if you desaturate by 10%, it is **491E23**.

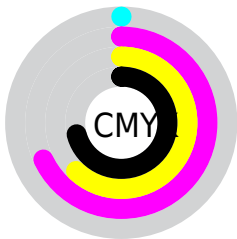
# Distribution



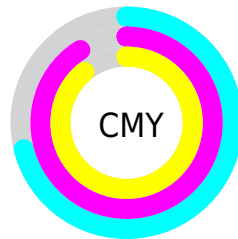
- Red (29%)
- Green (9%)
- Blue (11%)



- Red (29%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (62%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49171C 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 49171C by changing the saturation by 10% instead.



 49171C

 49171C

FFFFFF

 310001

 7D4547

 110000

 985D5F

 000000

 B47678

 D09091

 EDABAC

 FFC6C7

 FFE3E3

 49171C

 49171C

■ 491015

■ 491E23

■ 49080F

■ 492629

■ 490108

■ 492D30

■ 490007

■ 493436

■ 493C3D

■ 494343

■ 494A4A

■ 495151

■ 495957

# Harmonies

## Analogous

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



46172E



49171C



431D0A

# Triad

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



49171C



0E2E0F



002C4C

# Complementary

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



49171C



174944

# 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.



002F44



49171C



003021

# Square

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



49171C



262B00



003134



1D254B

# Rectangle

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



49171C



3B2300



003134



002D4B



# Sweetspot

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



49171C



5E4B4D



441749



302426



B0B0B0



303030



# Same Dimension

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



49171C



5E1119



492B17



242020



63000A



E30017



# Inverse Universe

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



49171C



5E1119



173549



242020



63000A

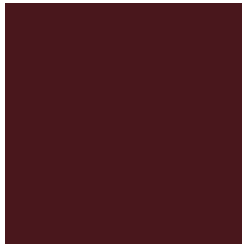


E30017



# Previews

## White Background



This preview shows how the Hex color 49171C looks on a white background.

## Color Contrast Check

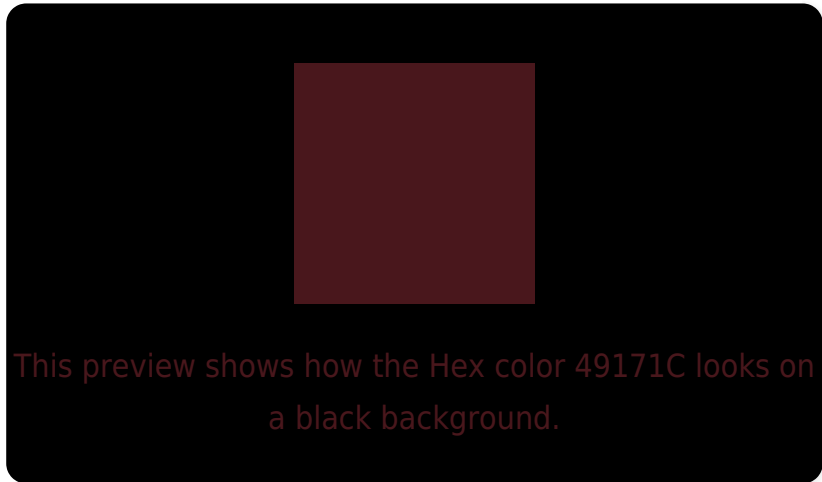
Large Text (above 18pt) WCAG AA ✓ Pass

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

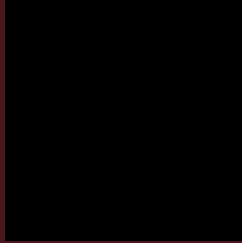
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49171C Background



This preview shows how black text looks on a background with the Hex color 49171C.



This preview shows how white text looks on a background with the Hex color 49171C.

# 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**  
49171C

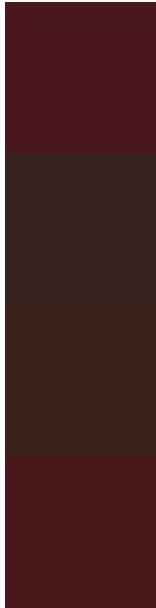
**Protanopia**  
2B2924

**Deuteranopia**  
322719



**Tritanopia**  
491819

# Trichromacy



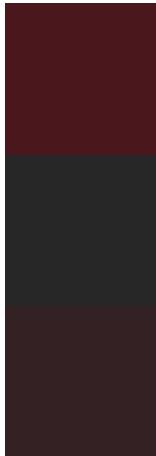
**Original Color**  
49171C

**Protanomaly**  
362221

**Deuteranomaly**  
3A211A

**Tritanomaly**  
49181A

# Monochromacy



**Original Color**  
49171C

**Achromatopsia**  
272727

**Achromatomaly**  
332123

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49171C 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 #49171C looks like.

```
.text, #text, p{  
    color:#49171C  
}
```

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 #49171C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49171C
}
```

## Border

The CSS property to change the border of an element to Hex 49171C is called "border". The border property can be set on classes, ids or directly on the HTML element.

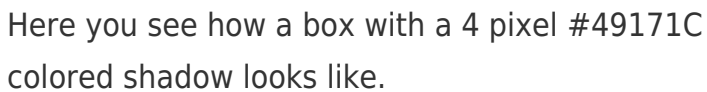
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49171C }
```

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

```
.border{ border-color:#49171C }
```

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



Here you see how a box with a 4 pixel #49171C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49171C; -webkit-box-shadow:4px 4px  
4px 4px #49171C; box-shadow:4px 4px 4px  
4px #49171C }
```

# Background

The CSS property to change the background color of an element to Hex 49171C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49171C }
```

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

```
.background{ background-color:#49171C }
```

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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