

Converting Colors

Hex(49181B)

Have a look what the booklet for
Hex(49181B) contains.

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Color

Hex(49181B)

Conversions

Conversions Part 1

Format	Color
Hex	49181B
RGB	73, 24, 27
RGB Percent	29%, 9%, 11%
CMY	0.7137, 0.9059, 0.8941
CMYK	0.00, 0.67, 0.63, 0.71
HSL	356°, 51%, 19%
HSV	356°, 67%, 29%
XYZ	3.2721, 2.1489, 1.2792
YIQ	38.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

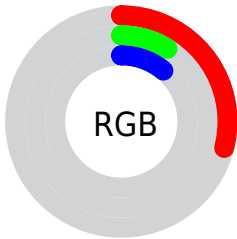
Format	Color
RYB	73, 24, 27
Decimal	4790299
CIELab	16.25, 23.65, 10.14
CIELCh	16, 25.728, 23.203
Yxy	2.1489, 0.4884, 0.3207
Android (android.graphics.Color)	4282980379 (0xFF49181B)
YUV	38.9930, -5.9125, 29.8241
Hunter-Lab	14.6590, 14.1907, 5.0874

Details

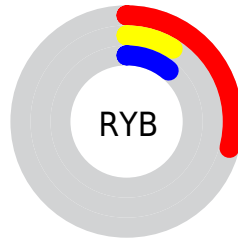
The Hex color **49181B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **184946**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7D4646**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **491114**, and if you desaturate by 10%, it is **491F22**.

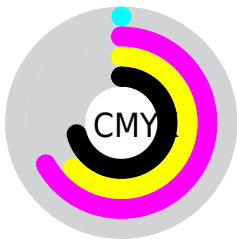
Distribution



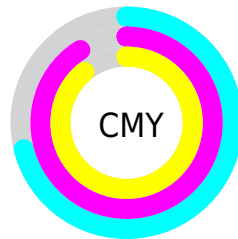
- Red (29%)
- Green (9%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (67%)
- Yellow (63%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 49181B 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 49181B by changing the saturation by 10% instead.



49181B



49181B

FFFFFFE



310100



7D4646



120000



985E5E



000000



B47776



D09190



EDACAA



FFC7C6



FFE3E2



49181B



49181B

■ 491114

■ 491F22

■ 49090D

■ 492729

■ 490206

■ 492E30

■ 490004

■ 493536

■ 493D3D

■ 494444

■ 494B4B

■ 495252

■ 495A59

Harmonies

Analogous

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



47172D



49181B



421F09

Triad

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



49181B



0B2F11



002C4D

Complementary

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



49181B



184946

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.



002F45



49181B



003123

Square

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



49181B



252B00



003136



21254A

Rectangle

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



49181B



3B2400



003136



002D4B

Sweetspot

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



49181B



5E4B4D



461849



302526



B0B0B0



303030

Same Dimension

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



49181B



5E1217



492D18



242020



630006



E3000E

Inverse Universe

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



49181B



5E1217



183449



242020



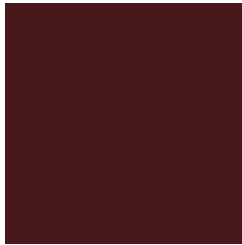
630006



E3000E

Previews

White Background



This preview shows how the Hex color 49181B looks on a white background.

Color Contrast Check

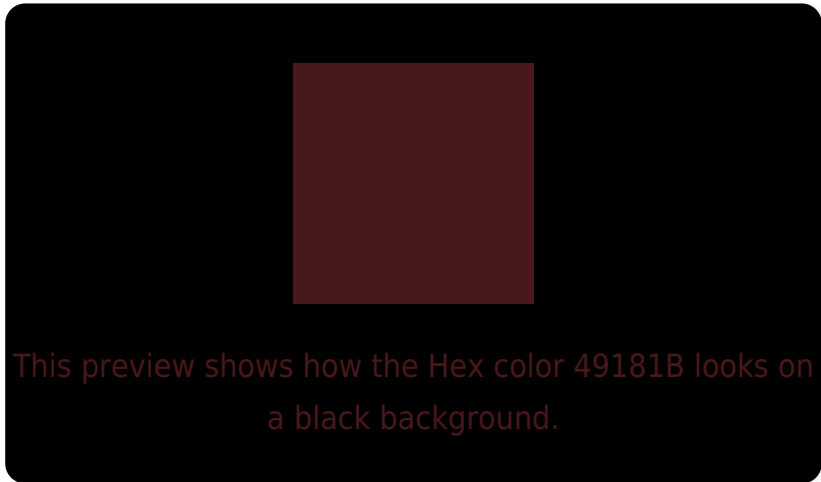
Large Text (above 18pt) WCAG AA ✓ Pass

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

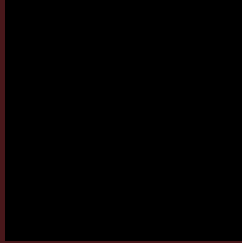
Any Text WCAG AA × Fail

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 49181B Background



This preview shows how black text looks on a background with the Hex color 49181B.



This preview shows how white text looks on a background with the Hex color 49181B.

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
49181B

Protanopia
2C2A22

Deuteranopia
332818



Tritanopia
49181A

Trichromacy



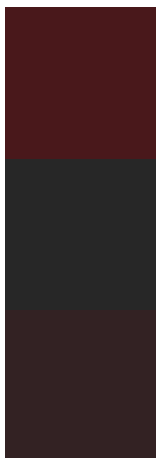
Original Color
49181B

Protanomaly
37231F

Deuteranomaly
3B2219

Tritanomaly
49181A

Monochromacy



Original Color
49181B

Achromatopsia
272727

Achromatomaly
332223

CSS Examples

Text

The CSS property to change the color of the text to Hex 49181B 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 #49181B looks like.

```
.text, #text, p{  
    color:#49181B  
}
```

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 #49181B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49181B
}
```

Border

The CSS property to change the border of an element to Hex 49181B is called "border". The border property can be set on classes, ids or directly on the HTML element.

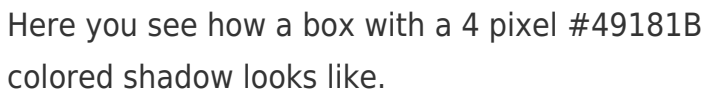
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49181B }
```

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

```
.border{ border-color:#49181B }
```

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



Here you see how a box with a 4 pixel #49181B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49181B; -webkit-box-shadow:4px 4px  
4px 4px #49181B; box-shadow:4px 4px 4px  
4px #49181B }
```

Background

The CSS property to change the background color of an element to Hex 49181B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49181B }
```

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

```
.background{ background-color:#49181B }
```

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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