

Converting Colors

Hex(49181F)

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

Hex(49181F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49181F)

Conversions

Conversions Part 1

Format	Color
Hex	49181F
RGB	73, 24, 31
RGB Percent	29%, 9%, 12%
CMY	0.7137, 0.9059, 0.8784
CMYK	0.00, 0.67, 0.58, 0.71
HSL	351°, 51%, 19%
HSV	351°, 67%, 29%
XYZ	3.3216, 2.1687, 1.5398
YIQ	39.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

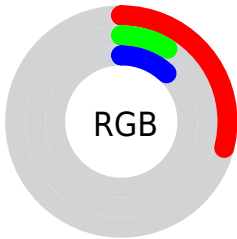
Format	Color
RYB	73, 24, 31
Decimal	4790303
CIELab	16.35, 24.04, 7.41
CIElCh	16, 25.153, 17.129
Yxy	2.1687, 0.4725, 0.3085
Android (android.graphics.Color)	4282980383 (0xFF49181F)
YUV	39.4490, -4.1654, 29.4242
Hunter-Lab	14.7264, 14.4904, 4.1089

Details

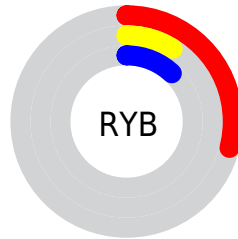
The Hex color **49181F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **184942**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7D464B**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **491119**, and if you desaturate by 10%, it is **491F25**.

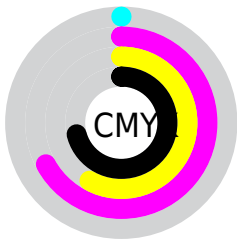
Distribution



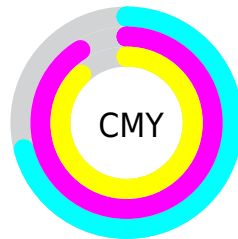
- Red (29%)
- Green (9%)
- Blue (12%)



- Red (29%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (58%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

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



49181F



49181F

FFFFFF



310106



7D464B



130000



975E62



000000



B3777B



CF9195



ECACB0



FFC7CB



FFE4E7



49181F



49181F

■ 491119

■ 491F25

■ 490912

■ 49272C

■ 49020C

■ 492E32

■ 49000A

■ 493538

■ 493D3E

■ 494445

■ 494B4B

■ 495251

■ 495A57

Harmonies

Analogous

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



451931



49181F



441E0E

Triad

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



49181F



132F0E



002D4B

Complementary

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



49181F



184942

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.



003042



49181F



003120

Square

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



49181F



292B00



003133



1A274B

Rectangle

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



49181F



3D2202



003133



002E49

Sweetspot

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



49181F



5E4B4E



421849



302526



B0B0B0



303030

Same Dimension

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



49181F



5E121D



492918



242021



63000E



E30020

Inverse Universe

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



49181F



5E121D



183849



242021



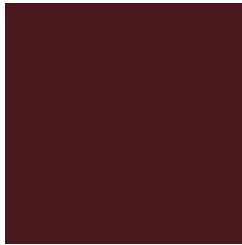
63000E



E30020

Previews

White Background



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

Color Contrast Check

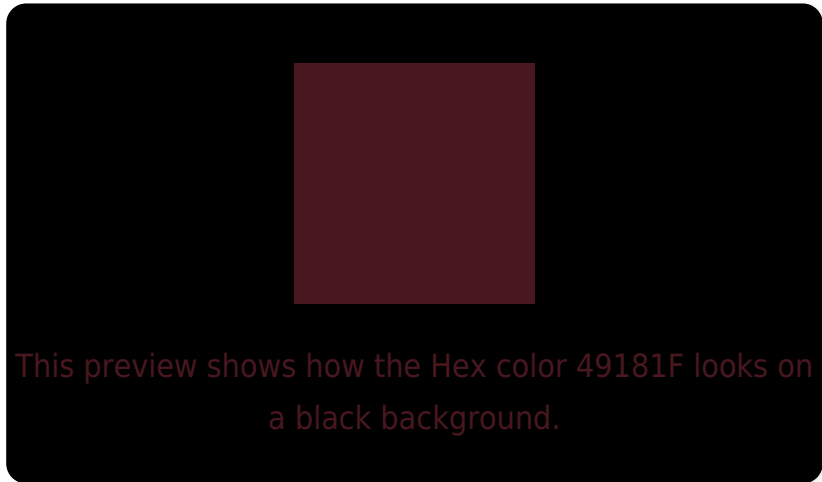
Large Text (above 18pt) WCAG AA ✓ Pass

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

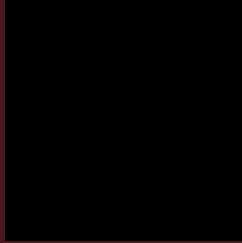
Any Text WCAG AA × Fail

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 49181F Background



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

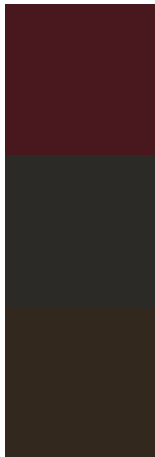


This preview shows how white text looks on a background with the Hex color 49181F.

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
49181F

Protanopia
2B2A27

Deuteranopia
32281D



Tritanopia
49191A

Trichromacy



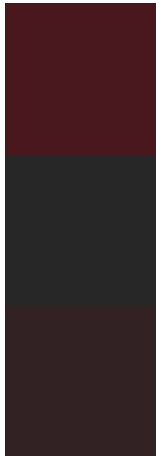
Original Color
49181F

Protanomaly
362324

Deuteranomaly
3A221E

Tritanomaly
49191C

Monochromacy



Original Color
49181F

Achromatopsia
272727

Achromatomaly
332224

CSS Examples

Text

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

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

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 #49181F colored shadow looks like.

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

Border

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

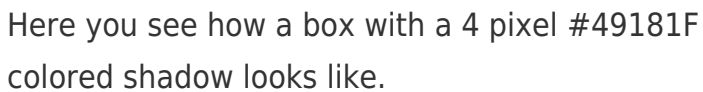
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor