

Converting Colors

Hex(49172F)

Have a look what the booklet for
Hex(49172F) contains.

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Color

Hex(49172F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 49172F |
| RGB | 73, 23, 47 |
| RGB Percent | 29%, 9%, 18% |
| CMY | 0.7137, 0.9098, 0.8157 |
| CMYK | 0.00, 0.68, 0.36, 0.71 |
| HSL | 331°, 52%, 19% |
| HSV | 331°, 68%, 29% |
| XYZ | 3.5671, 2.2345, 2.9326 |
| YIQ | 40.6860, 22.0960, 18.0640 |

Conversions

Conversions Part 2

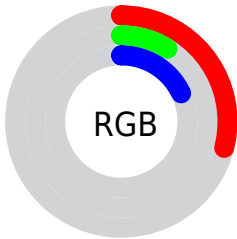
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 73, 23, 47 |
| Decimal | 4790063 |
| CIE Lab | 16.67, 26.57, -3.62 |
| CIE LCh | 17, 26.818, 352.245 |
| Yxy | 2.2345, 0.4084, 0.2558 |
| Android (android.graphics.Color) | 4282980143 (0xFF49172F) |
| YUV | 40.6860, 3.1128, 28.3394 |
| Hunter-Lab | 14.9482, 16.4366, -1.1680 |




Details

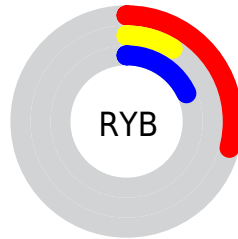
The Hex color **49172F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174931**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **7C455D**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **49102B**, and if you desaturate by 10%, it is **491E33**.

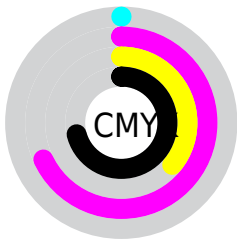
Distribution







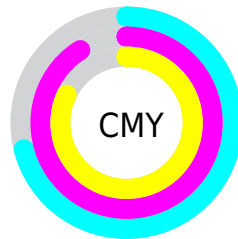
-  Red (29%)
-  Green (9%)
-  Blue (18%)






-  Red (29%)
-  Yellow (9%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (36%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (91%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49172F 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 49172F by changing the saturation by 10% instead.

■ 49172F

■ 49172F

FFFFFF

■ 31001A

■ 7C455D

■ 190001

■ 965E75

■ 000000

■ B2778F

■ CE91A9

■ EAACC5

■ FFC7E1

■ FFE4FD

■ 49172F

■ 49172F

■ 49102B

■ 491E33

■ 490827

■ 492637

■ 490124

■ 492D3A

■ 490023

■ 49343E

■ 493C42

■ 494346

■ 494A4A

■ 49514D

■ 495951

Harmonies

Analogous

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



3B1E41



49172F



4B181C

Triad

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



49172F



262C00



003147

Complementary

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



49172F



174931

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.



003237



49172F



0C3010

Square

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



49172F



382600



003223



002D4F

Rectangle

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



49172F



481C10



003223



003143

Sweetspot

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



49172F



5E4B54



311749



30242A



B0B0B0



303030

Same Dimension

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



49172F



5E1136



491817



242022



630030



E3006D

Inverse Universe

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



49172F



5E1136



174849



242022



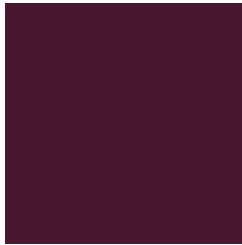
630030



E3006D

Previews

White Background



This preview shows how the Hex color 49172F looks on a white background.

Color Contrast Check

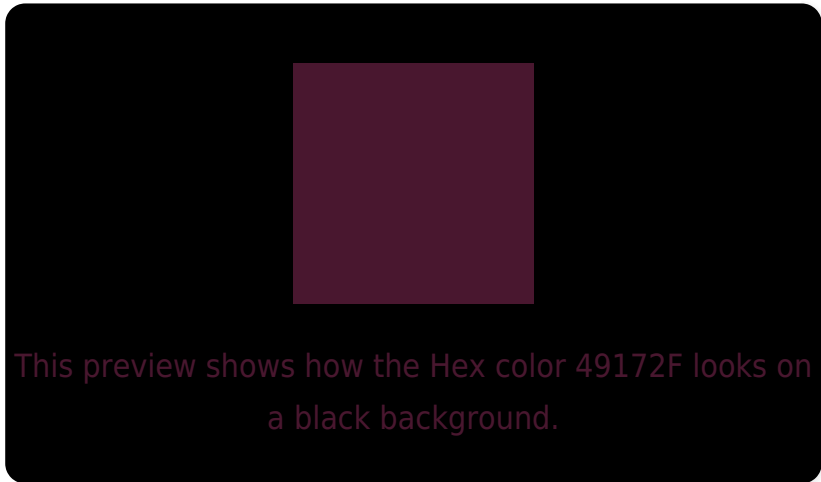
Large Text (above 18pt) WCAG AA ✓ Pass

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

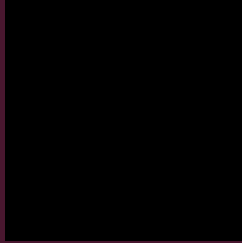
Any Text WCAG AA × Fail

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 49172F Background



This preview shows how black text looks on a background with the Hex color 49172F.



This preview shows how white text looks on a background with the Hex color 49172F.

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
49172F

Protanopia
252A3C

Deuteranopia
2E292C



Tritanopia
481B1D

Trichromacy



Original Color
49172F

Protanomaly
322337

Deuteranomaly
38222D

Tritanomaly
481A24

Monochromacy



Original Color
49172F

Achromatopsia
292929

Achromatomaly
35222B

CSS Examples

Text

The CSS property to change the color of the text to Hex 49172F 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 #49172F looks like.

```
.text, #text, p{  
    color:#49172F  
}
```

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 #49172F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49172F } }
```

Border

The CSS property to change the border of an element to Hex 49172F is called "border". The border property can be set on classes, ids or directly on the HTML element.

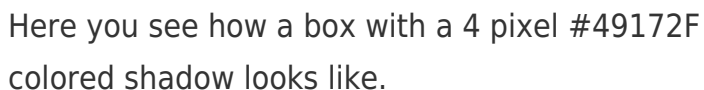
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #49172F } }
```

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

```
.border{ border-color:#49172F }
```

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



Here you see how a box with a 4 pixel #49172F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49172F; -webkit-box-shadow:4px 4px  
4px 4px #49172F; box-shadow:4px 4px 4px  
4px #49172F }
```

Background

The CSS property to change the background color of an element to Hex 49172F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49172F }
```

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

```
.background{ background-color:#49172F }
```

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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