

Converting Colors

Hex(49472E)

Have a look what the booklet for
Hex(49472E) contains.

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Color

Hex(49472E)

Conversions

Conversions Part 1

Format	Color
Hex	49472E
RGB	73, 71, 46
RGB Percent	29%, 28%, 18%
CMY	0.7137, 0.7216, 0.8196
CMYK	0.00, 0.03, 0.37, 0.71
HSL	56°, 23%, 23%
HSV	56°, 37%, 29%
XYZ	5.4940, 6.1202, 3.4765
YIQ	68.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

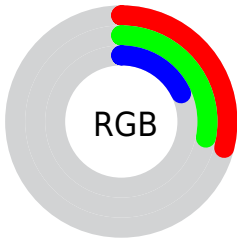
Format	Color
RYB	48, 73, 46
Decimal	4802350
CIELab	29.71, -3.72, 15.37
CIElCh	30, 15.811, 103.597
Yxy	6.1202, 0.3641, 0.4056
Android (android.graphics.Color)	4282992430 (0xFF49472E)
YUV	68.7480, -11.2148, 3.7290
Hunter-Lab	24.7390, -3.6521, 8.9854

Details

The Hex color **49472E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2E3049**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7A775C**, and **1E1C00** is the 20% darker color. If you saturate the color by 10%, you get **494627**, and if you desaturate by 10%, it is **494835**.

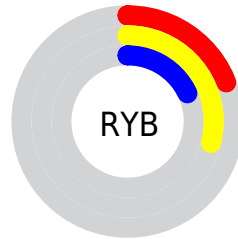
Distribution



Red (29%)

Green (28%)

Blue (18%)



Red (19%)

Yellow (29%)

Blue (18%)

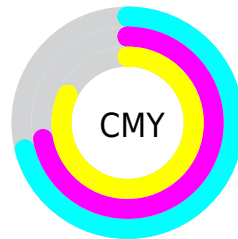


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49472E 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 49472E by changing the saturation by 10% instead.



49472E



49472E

FFFFFF



323119



7A775C



1E1C00



949175



000000



AFAB8E



CAC7A9



E7E3C4



FFFFE0



FFFFFFD



49472E



49472E

■ 494627

■ 494835

■ 49461F

■ 49483D

■ 494518

■ 494944

■ 494511

■ 49494B

■ 494409

■ 494A53

■ 494402

■ 494A5A

■ 494400

■ 494B61

■ 494B68

■ 494C70

Harmonies

Analogous

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



55432F



49472E



3B4A34

Triad

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



49472E



204C56



5A3E4D

Complementary

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



49472E



2E3049

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.



4F4158



49472E



2C495D

Square

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



49472E



214D4B



3E455E



5F3D41

Rectangle

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



49472E



324C3B



3E455E



573F51

Sweetspot

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



49472E



5E5E54



492E30



30302A



B0B0B0



303030

Same Dimension

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



49472E



5E5B35



3E492E



242320



635C00



E3D200

Inverse Universe

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



2E3049



35385E



392E49



202024



000763



0011E3

Previews

White Background



This preview shows how the Hex color 49472E looks on a white background.

Color Contrast Check

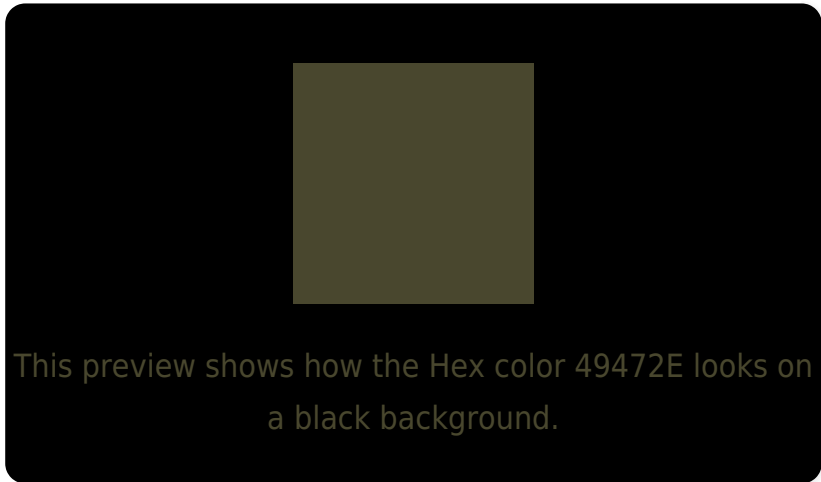
Large Text (above 18pt) WCAG AA ✓ Pass

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

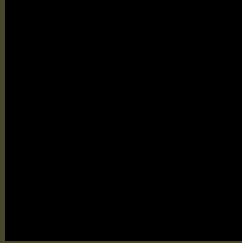
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

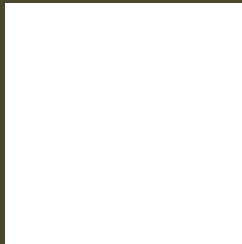
Any Text WCAG AAA × Fail

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

Hex 49472E Background



This preview shows how black text looks on a background with the Hex color 49472E.

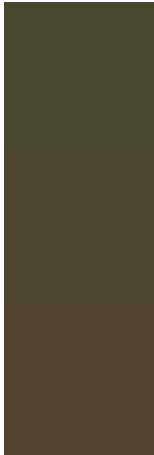


This preview shows how white text looks on a background with the Hex color 49472E.

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
49472E

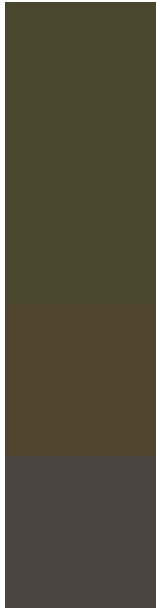
Protanopia
4C462E

Deuteranopia
54432F



Tritanopia
4C4449

Trichromacy



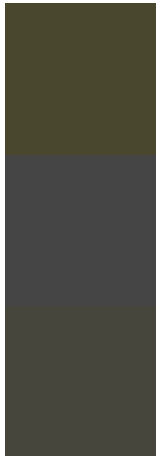
Original Color
49472E

Protanomaly
4B462E

Deuteranomaly
50442F

Tritanomaly
4B453F

Monochromacy



Original Color
49472E

Achromatopsia
454545

Achromatomaly
46463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 49472E 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 #49472E looks like.

```
.text, #text, p{  
    color:#49472E  
}
```

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 #49472E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49472E
}
```

Border

The CSS property to change the border of an element to Hex 49472E is called "border". The border property can be set on classes, ids or directly on the HTML element.

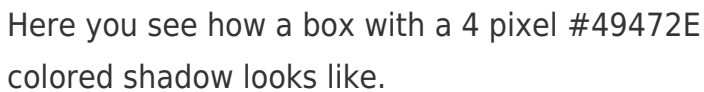
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49472E }
```

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

```
.border{ border-color:#49472E }
```

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



Here you see how a box with a 4 pixel #49472E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49472E; -webkit-box-shadow:4px 4px  
4px 4px #49472E; box-shadow:4px 4px 4px  
4px #49472E }
```

Background

The CSS property to change the background color of an element to Hex 49472E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49472E }
```

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

```
.background{ background-color:#49472E }
```

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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