

Converting Colors

Hex(4A472A)

Have a look what the booklet for
Hex(4A472A) contains.

Hex(4A472A)	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(4A472A)

Conversions

Conversions Part 1

Format	Color
Hex	4A472A
RGB	74, 71, 42
RGB Percent	29%, 28%, 16%
CMY	0.7098, 0.7216, 0.8353
CMYK	0.00, 0.04, 0.43, 0.71
HSL	54°, 28%, 23%
HSV	54°, 43%, 29%
XYZ	5.4952, 6.1295, 3.0840
YIQ	68.5910, 11.0970, -8.3830

Conversions

Conversions Part 2

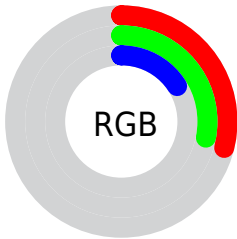
Format	Color
RYB	45, 74, 42
Decimal	4867882
CIELab	29.74, -3.80, 17.89
CIElCh	30, 18.291, 102.000
Yxy	6.1295, 0.3736, 0.4167
Android (android.graphics.Color)	4283057962 (0xFF4A472A)
YUV	68.5910, -13.1094, 4.7437
Hunter-Lab	24.7578, -3.7066, 9.9450

Details

The Hex color **4A472A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A2D4A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7B7758**, and **1F1C00** is the 20% darker color. If you saturate the color by 10%, you get **4A4623**, and if you desaturate by 10%, it is **4A4831**.

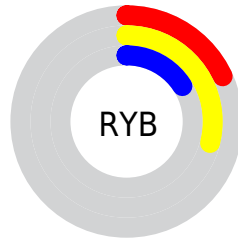
Distribution



Red (29%)

Green (28%)

Blue (16%)



Red (18%)

Yellow (29%)

Blue (16%)

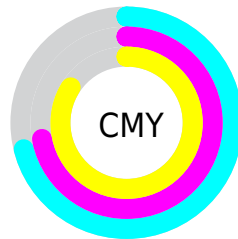


Cyan (0%)

Magenta (4%)

Yellow (43%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A472A 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 4A472A by changing the saturation by 10% instead.



4A472A



4A472A

FFFFFF



333115



7B7758



1F1C00



959170



000000



B0AB8A



CCC7A4



E8E3BF



FFFFDB



FFFFF8



4A472A



4A472A

■ 4A4623

■ 4A4831

■ 4A461B

■ 4A4839

■ 4A4514

■ 4A4940

■ 4A440C

■ 4A4A48

■ 4A4405

■ 4A4A4F

■ 4A4300

■ 4A4B56

■ 4A4C5E

■ 4A4D65

■ 4A4D6D

Harmonies

Analogous

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



57422B



4A472A



3A4B31

Triad

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



4A472A



144D59



5C3C4F

Complementary

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



4A472A



2A2D4A

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.



4F405B



4A472A



254A61

Square

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



4A472A



184E4B



3B4562



623B41

Rectangle

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



4A472A



2F4D38



3B4562



593D54

Sweetspot

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



4A472A



616054



4A2A2D



303029



B0B0B0



303030

Same Dimension

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



4A472A



615C2F



3D4A2A



262622



665C00



E6D000

Inverse Universe

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



2A2D4A



2F3361



372A4A



222326



000A66



0016E6

Previews

White Background



This preview shows how the Hex color 4A472A looks on a white background.

Color Contrast Check

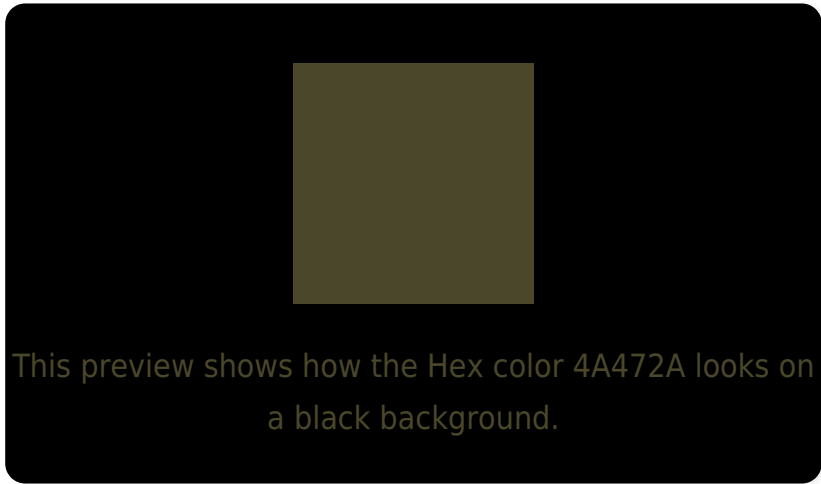
Large Text (above 18pt) WCAG AA ✓ Pass

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

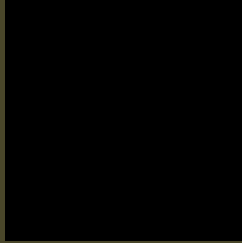
Any Text WCAG AA × Fail

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 4A472A Background



This preview shows how black text looks on a background with the Hex color 4A472A.

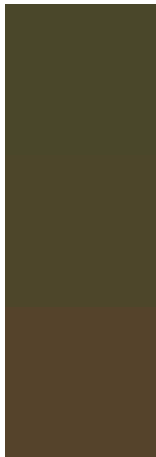


This preview shows how white text looks on a background with the Hex color 4A472A.

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
4A472A

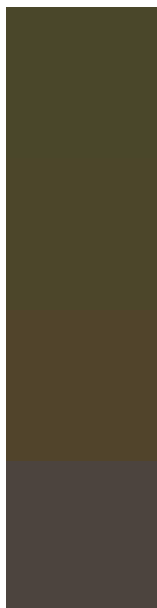
Protanopia
4D462A

Deuteranopia
55432B



Tritanopia
4D4349

Trichromacy



Original Color

4A472A

Protanomaly

4C462A

Deuteranomaly

51442B

Tritanomaly

4C443E

Monochromacy



Original Color

4A472A

Achromatopsia

454545

Achromatomaly

47463B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A472A 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 #4A472A looks like.

```
.text, #text, p{  
    color:#4A472A  
}
```

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 #4A472A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A472A
}
```

Border

The CSS property to change the border of an element to Hex 4A472A is called "border". The border property can be set on classes, ids or directly on the HTML element.

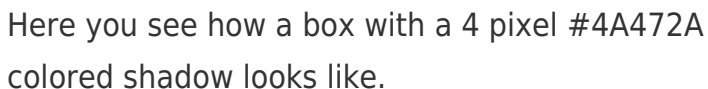
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A472A }
```

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

```
.border{ border-color:#4A472A }
```

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



Here you see how a box with a 4 pixel #4A472A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A472A; -webkit-box-shadow:4px 4px  
4px 4px #4A472A; box-shadow:4px 4px 4px  
4px #4A472A }
```

Background

The CSS property to change the background color of an element to Hex 4A472A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A472A }
```

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

```
.background{ background-color:#4A472A }
```

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