

# Converting Colors

Hex(4A452B)

Have a look what the booklet for  
Hex(4A452B) contains.

<b>Hex(4A452B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4A452B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A452B
RGB	74, 69, 43
RGB Percent	29%, 27%, 17%
CMY	0.7098, 0.7294, 0.8314
CMYK	0.00, 0.07, 0.42, 0.71
HSL	50°, 26%, 23%
HSV	50°, 42%, 29%
XYZ	5.3882, 5.8865, 3.1377
YIQ	67.5310, 11.3260, -7.0260

# Conversions

## Conversions Part 2

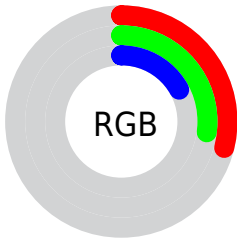
Format	Color
<a href="#">RYB</a>	<a href="#">49, 74, 43</a>
Decimal	<a href="#">4867371</a>
CIELab	<a href="#">29.12, -2.43, 16.48</a>
CIELCh	<a href="#">29, 16.661, 98.372</a>
Yxy	<a href="#">5.8865, 0.3739, 0.4084</a>
Android (android.graphics.Color)	<a href="#">4283057451 (0xFF4A452B)</a>
YUV	<a href="#">67.5310, -12.0938, 5.6733</a>
Hunter-Lab	<a href="#">24.2621, -2.8169, 9.3158</a>

# Details

The Hex color **4A452B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B304A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7B7559**, and **1F1A00** is the 20% darker color. If you saturate the color by 10%, you get **4A4424**, and if you desaturate by 10%, it is **4A4632**.

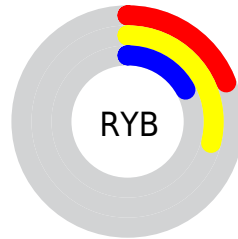
# Distribution



Red (29%)

Green (27%)

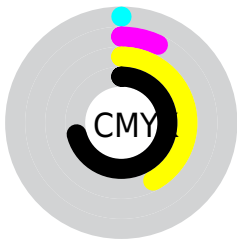
Blue (17%)



Red (19%)

Yellow (29%)

Blue (17%)

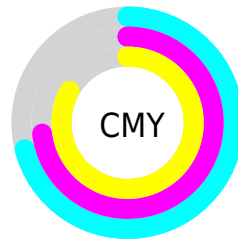


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A452B 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 4A452B by changing the saturation by 10% instead.





4A452B



4A452B

FFFFFF



332F16



7B7559



1F1A00



958F71



000000



B0A98B



CCC4A5



E8E0C1



FFFDDC



FFFFFF9



4A452B



4A452B

■ 4A4424

■ 4A4632

■ 4A431C

■ 4A473A

■ 4A4115

■ 4A4941

■ 4A400D

■ 4A4A49

■ 4A3F06

■ 4A4B50

■ 4A3E00

■ 4A4C57

■ 4A4D5F

■ 4A4F66

■ 4A506E

# Harmonies

## Analogous

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



56412D



4A452B



3C4930

# Triad

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



4A452B



1A4B54



583C4E

# Complementary

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



4A452B



2B304A

# 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.



4B4059



4A452B



26495C

# Square

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



4A452B



1F4C48



39455E



5E3B41

# Rectangle

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



4A452B



324A37



39455E



543D52



# Sweetspot

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



4A452B



615F54



4A2B30



302F29



B0B0B0



303030



# Same Dimension

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



4A452B



615930



404A2B



262622



665600



E6C000



# Inverse Universe

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



2B304A



303861



352B4A



222326



001066



0025E6



# Previews

## White Background



This preview shows how the Hex color 4A452B looks on a white background.

## Color Contrast Check

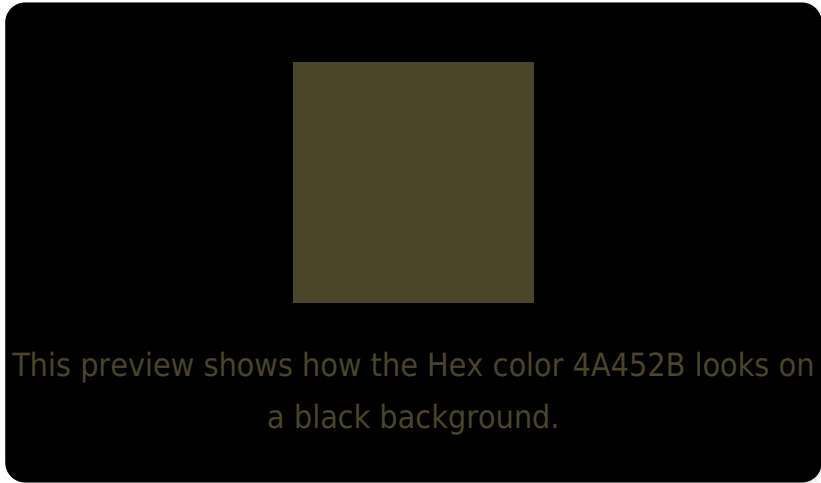
Large Text (above 18pt) WCAG AA ✓ Pass

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

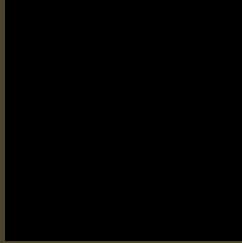
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A452B Background



This preview shows how black text looks on a background with the Hex color 4A452B.

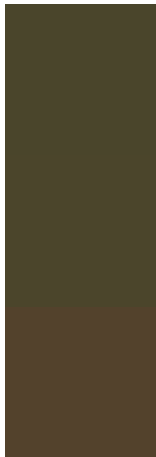


This preview shows how white text looks on a background with the Hex color 4A452B.

# 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**  
4A452B

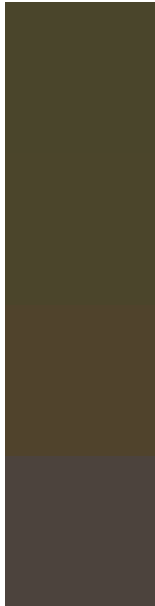
**Protanopia**  
4B452B

**Deuteranopia**  
53422C



**Tritanopia**  
4D4247

# Trichromacy



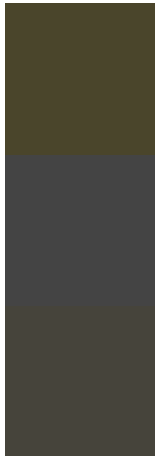
**Original Color**  
4A452B

**Protanomaly**  
4B452B

**Deuteranomaly**  
50432C

**Tritanomaly**  
4C433D

# Monochromacy



**Original Color**  
4A452B

**Achromatopsia**  
444444

**Achromatomaly**  
46443B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A452B 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 #4A452B looks like.

```
.text, #text, p{  
    color:#4A452B  
}
```

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 #4A452B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A452B
}
```

## Border

The CSS property to change the border of an element to Hex 4A452B is called "border". The border property can be set on classes, ids or directly on the HTML element.

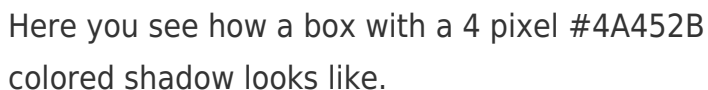
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A452B }
```

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

```
.border{ border-color:#4A452B }
```

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



Here you see how a box with a 4 pixel #4A452B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A452B; -webkit-box-shadow:4px 4px  
4px 4px #4A452B; box-shadow:4px 4px 4px  
4px #4A452B }
```

# Background

The CSS property to change the background color of an element to Hex 4A452B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A452B }
```

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

```
.background{ background-color:#4A452B }
```

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