

# Converting Colors

Hex(49492B)

Have a look what the booklet for  
Hex(49492B) contains.

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**Color**

**Hex(49492B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49492B
RGB	73, 73, 43
RGB Percent	29%, 29%, 17%
CMY	0.7137, 0.7137, 0.8314
CMYK	0.00, 0.00, 0.41, 0.71
HSL	60°, 26%, 23%
HSV	60°, 41%, 29%
XYZ	5.5662, 6.3560, 3.2190
YIQ	69.5800, 9.6300, -9.3300

# Conversions

## Conversions Part 2

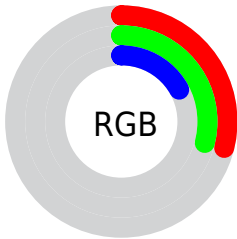
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 73, 43
Decimal	4802859
CIELab	30.29, -5.37, 17.97
CIELCh	30, 18.760, 106.640
Yxy	6.3560, 0.3676, 0.4198
Android (android.graphics.Color)	4282992939 (0xFF49492B)
YUV	69.5800, -13.1039, 2.9993
Hunter-Lab	25.2111, -4.7091, 10.0776

# Details

The Hex color **49492B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B2B49**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7A7959**, and **1E1D00** is the 20% darker color. If you saturate the color by 10%, you get **494924**, and if you desaturate by 10%, it is **494932**.

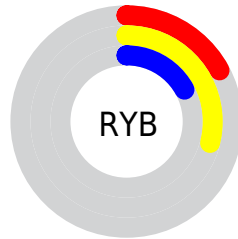
# Distribution



Red (29%)

Green (29%)

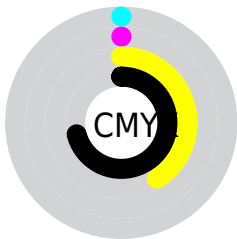
Blue (17%)



Red (17%)

Yellow (29%)

Blue (17%)

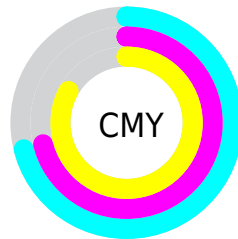


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49492B 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 49492B by changing the saturation by 10% instead.





49492B



49492B

FFFFFF



323316



7A7959



1E1D00



949372



000200



AFAE8B



000000



CBC9A6



E7E5C1



FFFFDD



FFFFF9



49492B



49492B

■ 494924

■ 494932

■ 49491C

■ 49493A

■ 494915

■ 494941

■ 49490E

■ 494948

■ 494907

■ 494950

■ 494900

■ 494957

■ 49495E

■ 494965

■ 49496D

# Harmonies

## Analogous

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



57442B



49492B



394D33

# Triad

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



49492B



144E5C



603D4E

# Complementary

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



49492B



2B2B49

# 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.



53415B



49492B



284B63

# Square

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



49492B



164F4F



404663



643C40

# Rectangle

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



49492B



2D4E3B



404663



5C3E53



# Sweetspot

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



49492B



5E5E53



492B2B



30302A



B0B0B0



303030



# Same Dimension

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



49492B



5E5E30



3A492B



242420



636300



E3E300



# Inverse Universe

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



2B2B49



30305E



3A2B49



202024



000063



0000E3



# Previews

## White Background



This preview shows how the Hex color 49492B looks on a white background.

## Color Contrast Check

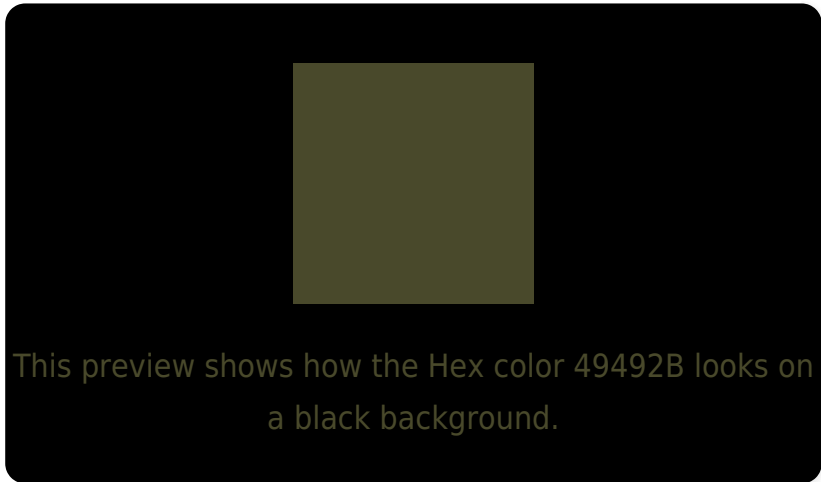
Large Text (above 18pt) WCAG AA ✓ Pass

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

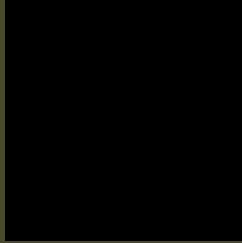
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49492B Background



This preview shows how black text looks on a background with the Hex color 49492B.



This preview shows how white text looks on a background with the Hex color 49492B.

# 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**  
49492B

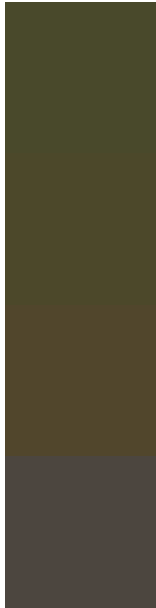
**Protanopia**  
4E472A

**Deuteranopia**  
56442C



**Tritanopia**  
4D454B

# Trichromacy



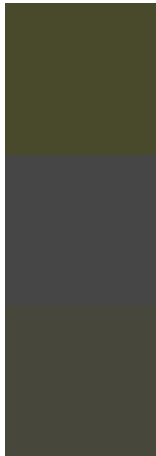
**Original Color**  
49492B

**Protanomaly**  
4C482A

**Deuteranomaly**  
51462C

**Tritanomaly**  
4C463F

# Monochromacy



**Original Color**  
49492B

**Achromatopsia**  
464646

**Achromatomaly**  
47473C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49492B 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 #49492B looks like.

```
.text, #text, p{  
    color:#49492B  
}
```

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 #49492B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49492B
}
```

## Border

The CSS property to change the border of an element to Hex 49492B is called "border". The border property can be set on classes, ids or directly on the HTML element.

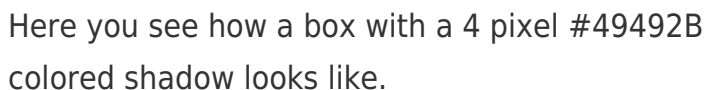
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49492B }
```

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

```
.border{ border-color:#49492B }
```

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



Here you see how a box with a 4 pixel #49492B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49492B; -webkit-box-shadow:4px 4px  
4px 4px #49492B; box-shadow:4px 4px 4px  
4px #49492B }
```

# Background

The CSS property to change the background color of an element to Hex 49492B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49492B }
```

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

```
.background{ background-color:#49492B }
```

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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