

# Converting Colors

Hex(494B2A)

Have a look what the booklet for  
Hex(494B2A) contains.

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# Color

Hex(494B2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	494B2A
RGB	73, 75, 42
RGB Percent	29%, 29%, 16%
CMY	0.7137, 0.7059, 0.8353
CMYK	0.03, 0.00, 0.44, 0.71
HSL	64°, 28%, 23%
HSV	64°, 44%, 29%
XYZ	5.6816, 6.6158, 3.1680
YIQ	70.6400, 9.4010, -10.6870

# Conversions

## Conversions Part 2

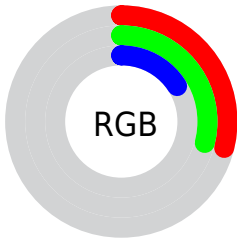
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 75, 44
Decimal	4803370
CIE Lab	30.92, -6.72, 19.38
CIE LCh	31, 20.508, 109.134
Yxy	6.6158, 0.3674, 0.4278
Android (android.graphics.Color)	4282993450 (0xFF494B2A)
YUV	70.6400, -14.1195, 2.0697
Hunter-Lab	25.7212, -5.5825, 10.7022

# Details

The Hex color **494B2A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2C2A4B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7A7C58**, and **1E1F00** is the 20% darker color. If you saturate the color by 10%, you get **494B23**, and if you desaturate by 10%, it is **494B31**.

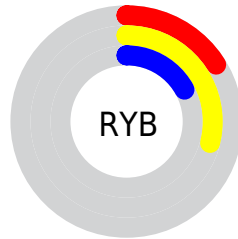
# Distribution



Red (29%)

Green (29%)

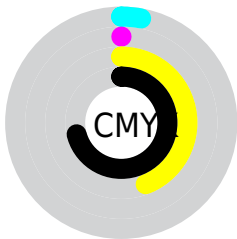
Blue (16%)



Red (16%)

Yellow (29%)

Blue (17%)

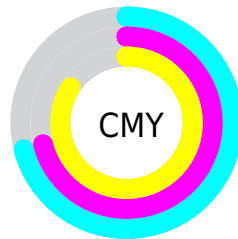


Cyan (3%)

Magenta (0%)

Yellow (44%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494B2A 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 494B2A by changing the saturation by 10% instead.





494B2A



494B2A

FFFFFF



323415



7A7C58



1E1F00



949571



000600



AFB08A



000000



CBCCA5



E7E8C0



FFFFDC



FFFFF8



494B2A



494B2A

■ 494B23

■ 494B31

■ 484B1B

■ 4A4B39

■ 484B14

■ 4A4B41

■ 474B0C

■ 4B4B48

■ 474B05

■ 4B4B50

■ 464B00

■ 4C4B57

■ 4C4B5F

■ 4D4B66

■ 4D4B6E

# Harmonies

## Analogous

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



594629



494B2A



374F33

# Triad

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



494B2A



0B5060



643D4F

# Complementary

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



494B2A



2C2A4B

# 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.



57415E



494B2A



274C68

# Square

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



494B2A



0B5153



424767



683D3F

# Rectangle

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



494B2A



29503D



424767



613E55



# Sweetspot

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



494B2A



606154



4B2C2A



303029



B0B0B0



303030



# Same Dimension

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



494B2A



5E612E



394B2A



262622



606600



D8E600



# Inverse Universe

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



2C2A4B



312E61



3C2A4B



232226



060066



0E00E6



# Previews

## White Background



This preview shows how the Hex color 494B2A looks on a white background.

## Color Contrast Check

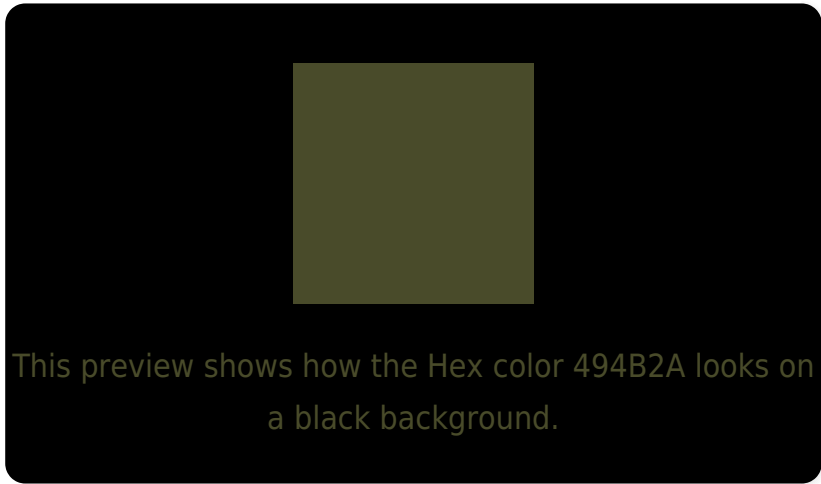
Large Text (above 18pt) WCAG AA ✓ Pass

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

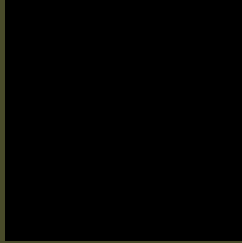
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

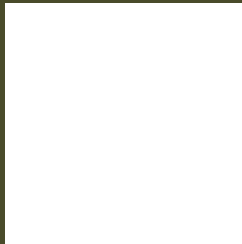
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 494B2A Background



This preview shows how black text looks on a background with the Hex color 494B2A.

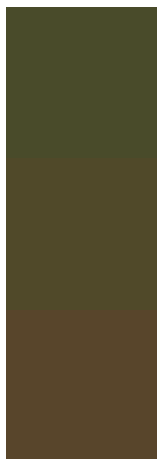


This preview shows how white text looks on a background with the Hex color 494B2A.

# 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**  
494B2A

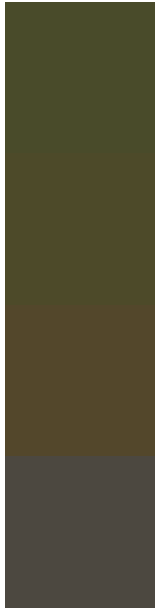
**Protanopia**  
504929

**Deuteranopia**  
58452B



**Tritanopia**  
4D474D

# Trichromacy



**Original Color**  
494B2A

**Protanomaly**  
4D4A29

**Deuteranomaly**  
53472B

**Tritanomaly**  
4C4840

# Monochromacy



**Original Color**  
494B2A

**Achromatopsia**  
474747

**Achromatomaly**  
48483C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494B2A 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 #494B2A looks like.

```
.text, #text, p{  
    color:#494B2A  
}
```

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 #494B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494B2A
}
```

## Border

The CSS property to change the border of an element to Hex 494B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

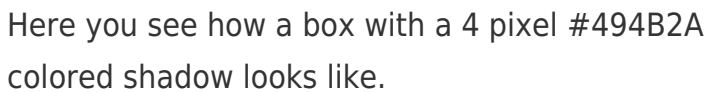
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494B2A }
```

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

```
.border{ border-color:#494B2A }
```

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



Here you see how a box with a 4 pixel #494B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494B2A; -webkit-box-shadow:4px 4px  
4px 4px #494B2A; box-shadow:4px 4px 4px  
4px #494B2A }
```

# Background

The CSS property to change the background color of an element to Hex 494B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494B2A }
```

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

```
.background{ background-color:#494B2A }
```

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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