

# Converting Colors

Hex(494928)

Have a look what the booklet for  
Hex(494928) contains.

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**Color**

**Hex(494928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494928
RGB	73, 73, 40
RGB Percent	29%, 29%, 16%
CMY	0.7137, 0.7137, 0.8431
CMYK	0.00, 0.00, 0.45, 0.71
HSL	60°, 29%, 22%
HSV	60°, 45%, 29%
XYZ	5.5132, 6.3348, 2.9396
YIQ	69.2380, 10.5930, -10.2630

# Conversions

## Conversions Part 2

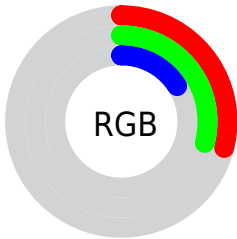
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 73, 40
Decimal	4802856
CIELab	30.24, -5.77, 19.73
CIELCh	30, 20.555, 106.299
Yxy	6.3348, 0.3728, 0.4284
Android (android.graphics.Color)	4282992936 (0xFF494928)
YUV	69.2380, -14.4143, 3.2993
Hunter-Lab	25.1689, -4.9456, 10.6934

# Details

The Hex color **494928** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **282849**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7A7956**, and **1E1D00** is the 20% darker color. If you saturate the color by 10%, you get **494921**, and if you desaturate by 10%, it is **49492F**.

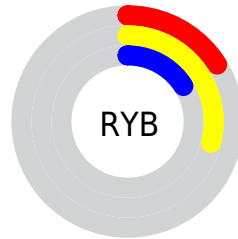
# Distribution



Red (29%)

Green (29%)

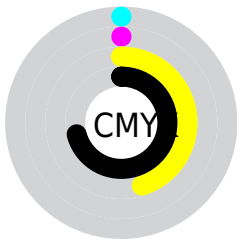
Blue (16%)



Red (16%)

Yellow (29%)

Blue (16%)

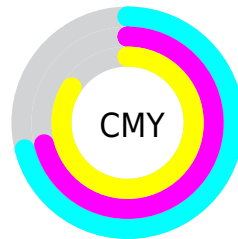


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494928 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 494928 by changing the saturation by 10% instead.





494928



494928

FFFFFF



323313



7A7956



1E1D00



94936E



000200



AFAE88



000000



CBC9A2



E7E5BD



FFFFD9



FFFFFF6



494928



494928

■ 494921

■ 49492F

■ 494919

■ 494937

■ 494912

■ 49493E

■ 49490B

■ 494945

■ 494904

■ 49494D

■ 494900

■ 494954

■ 49495B

■ 494962

■ 49496A

# Harmonies

## Analogous

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



584428



494928



374D31

# Triad

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



494928



054E5E



623C4F

# Complementary

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



494928



282849

# 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.



54405D



494928



234B66

# Square

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



494928



0A5050



3E4666



663B3F

# Rectangle

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



494928



2A4F3A



3E4666



5E3D54



# Sweetspot

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



494928



5E5E51



492828



303028



B0B0B0



303030



# Same Dimension

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



494928



5E5E2B



394928



242420



636300



E3E300



# Inverse Universe

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



282849



2B2B5E



392849



202024



000063



0000E3



# Previews

## White Background



This preview shows how the Hex color 494928 looks on a white background.

## Color Contrast Check

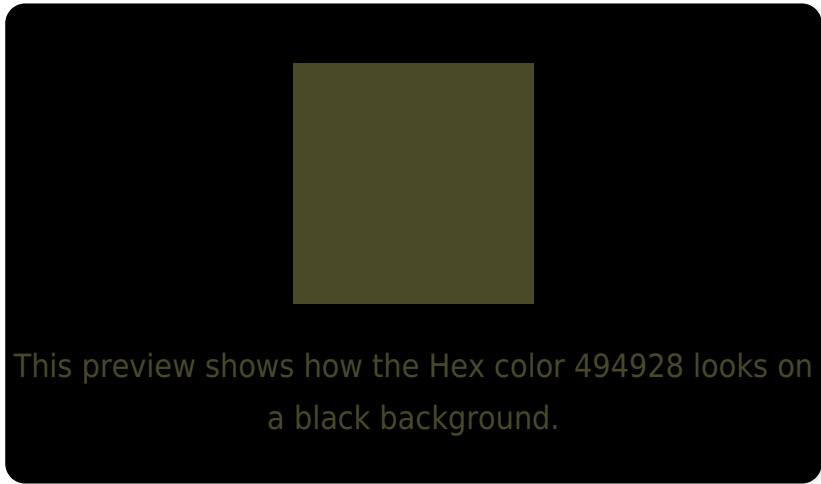
Large Text (above 18pt) WCAG AA ✓ Pass

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

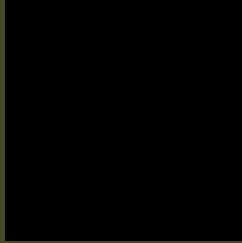
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 494928 Background



This preview shows how black text looks on a background with the Hex color 494928.



This preview shows how white text looks on a background with the Hex color 494928.

# 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**  
494928

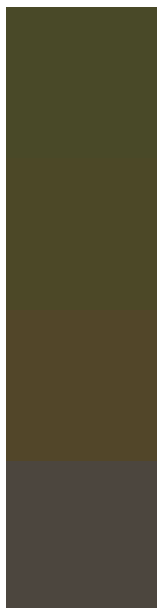
**Protanopia**  
4E4727

**Deuteranopia**  
574429



**Tritanopia**  
4D454A

# Trichromacy



**Original Color**

494928

**Protanomaly**

4C4827

**Deuteranomaly**

524629

**Tritanomaly**

4C463E

# Monochromacy



**Original Color**

494928

**Achromatopsia**

454545

**Achromatomaly**

46463A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494928 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 #494928 looks like.

```
.text, #text, p{  
    color:#494928  
}
```

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 #494928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494928
}
```

## Border

The CSS property to change the border of an element to Hex 494928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

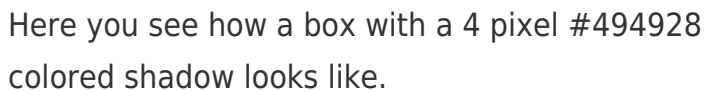
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494928 }
```

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

```
.border{ border-color:#494928 }
```

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



Here you see how a box with a 4 pixel #494928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494928; -webkit-box-shadow:4px 4px  
4px 4px #494928; box-shadow:4px 4px 4px  
4px #494928 }
```

# Background

The CSS property to change the background color of an element to Hex 494928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494928 }
```

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

```
.background{ background-color:#494928 }
```

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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