

# Converting Colors

Hex(494237)

Have a look what the booklet for  
Hex(494237) contains.

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# Color

**Hex(494237)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494237
RGB	73, 66, 55
RGB Percent	29%, 26%, 22%
CMY	0.7137, 0.7412, 0.7843
CMYK	0.00, 0.10, 0.25, 0.71
HSL	37°, 14%, 25%
HSV	37°, 25%, 29%
XYZ	5.3855, 5.5887, 4.4093
YIQ	66.8390, 7.7030, -1.9370

# Conversions

## Conversions Part 2

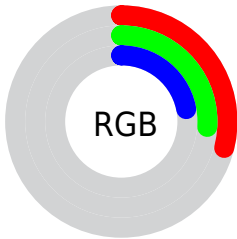
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 73, 55
Decimal	4801079
CIELab	28.35, 0.88, 7.79
CIElCh	28, 7.835, 83.565
Yxy	5.5887, 0.3501, 0.3633
Android (android.graphics.Color)	4282991159 (0xFF494237)
YUV	66.8390, -5.8366, 5.4032
Hunter-Lab	23.6405, -0.7074, 5.4898

# Details

The Hex color **494237** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373E49**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A7266**, and **1E170B** is the 20% darker color. If you saturate the color by 10%, you get **493F30**, and if you desaturate by 10%, it is **49453E**.

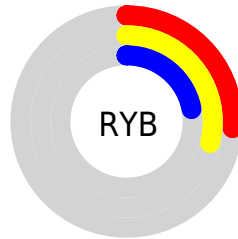
# Distribution



Red (29%)

Green (26%)

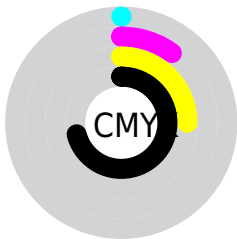
Blue (22%)



Red (26%)

Yellow (29%)

Blue (22%)

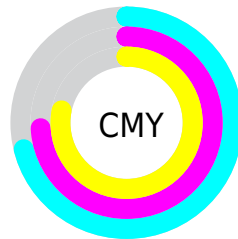


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494237 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 494237 by changing the saturation by 10% instead.





494237



494237

FFFFFF



322C22



7A7266



1E170B



948B7F



000000



AEA699



CAC1B3



E6DDCF



FFF9EB



494237



494237



493F30



49453E

■ 493C28

■ 494846

■ 493921

■ 494B4D

■ 49371A

■ 494D54

■ 493413

■ 49505C

■ 49310B

■ 495363

■ 492E04

■ 49566A

■ 492D00

■ 495971

■ 495C79

# Harmonies

## Analogous

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



4E4039



494237



434438

# Triad

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



494237



334647



4A404A

# Complementary

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



494237



373E49

# 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.



42424E



494237



35454C

# Square

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



494237



364641



3B444F



4E3F44

# Rectangle

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



494237



3E453A



3B444F



47404C



# Sweetspot

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



494237



5E5C58



49373E



302F2D



B0B0B0



303030



# Same Dimension

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



494237



5E5342



474937



242220



633D00



E38B00



# Inverse Universe

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



373E49



424D5E



393749



202224



002763

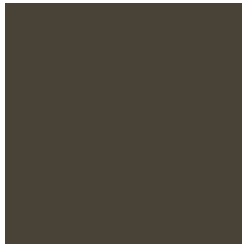


0058E3



# Previews

## White Background



This preview shows how the Hex color 494237 looks on a white background.

## Color Contrast Check

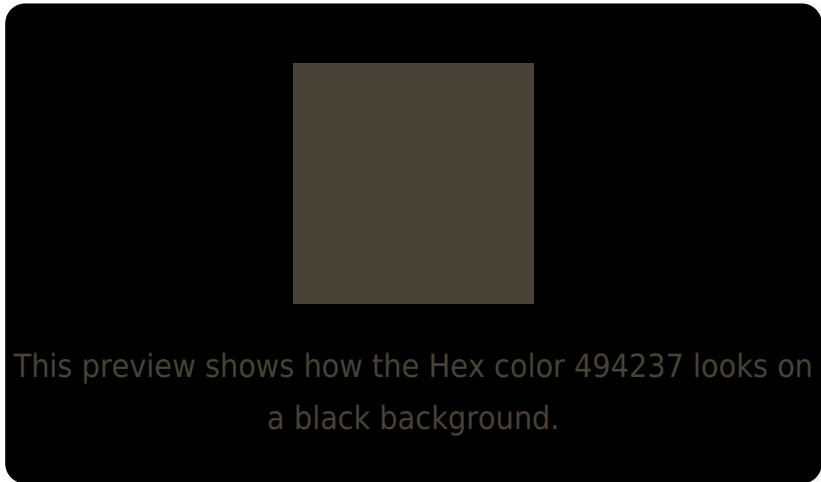
Large Text (above 18pt) WCAG AA ✓ Pass

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

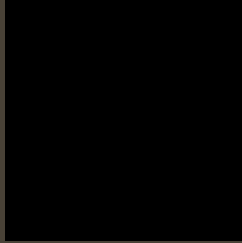
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 494237 Background



This preview shows how black text looks on a background with the Hex color 494237.

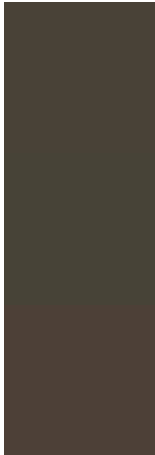


This preview shows how white text looks on a background with the Hex color 494237.

# 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**  
494237

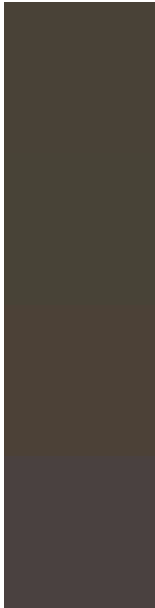
**Protanopia**  
474337

**Deuteranopia**  
4D4037



**Tritanopia**  
4B4045

# Trichromacy



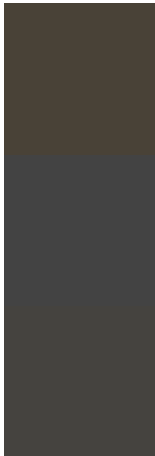
**Original Color**  
494237

**Protanomaly**  
484337

**Deuteranomaly**  
4C4137

**Tritanomaly**  
4A4140

# Monochromacy



**Original Color**  
494237

**Achromatopsia**  
434343

**Achromatomaly**  
45433F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494237 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 #494237 looks like.

```
.text, #text, p{  
    color:#494237  
}
```

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 #494237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494237
}
```

## Border

The CSS property to change the border of an element to Hex 494237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

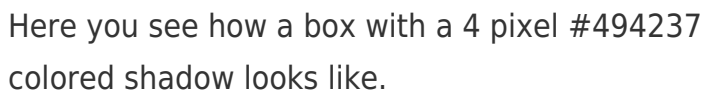
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494237 }
```

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

```
.border{ border-color:#494237 }
```

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



Here you see how a box with a 4 pixel #494237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494237; -webkit-box-shadow:4px 4px  
4px 4px #494237; box-shadow:4px 4px 4px  
4px #494237 }
```

# Background

The CSS property to change the background color of an element to Hex 494237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494237 }
```

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

```
.background{ background-color:#494237 }
```

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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