

Converting Colors

Hex(493733)

Have a look what the booklet for
Hex(493733) contains.

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Color

Hex(493733)

Conversions

Conversions Part 1

Format	Color
Hex	493733
RGB	73, 55, 51
RGB Percent	29%, 22%, 20%
CMY	0.7137, 0.7843, 0.8000
CMYK	0.00, 0.25, 0.30, 0.71
HSL	11°, 18%, 24%
HSV	11°, 30%, 29%
XYZ	4.7114, 4.3879, 3.7306
YIQ	59.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

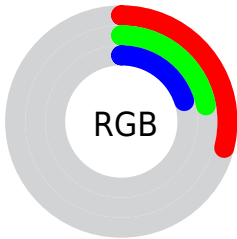
Format	Color
R_{YB}	73, 56, 51
Decimal	4798259
CIE Lab	24.91, 7.32, 5.58
CIE LCh	25, 9.203, 37.351
Yxy	4.3879, 0.3672, 0.3420
Android (android.graphics.Color)	4282988339 (0xFF493733)
YUV	59.9260, -4.4005, 11.4659
Hunter-Lab	20.9472, 3.4900, 4.1038

Details

The Hex color **493733** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334549**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7A6661**, and **1E0C05** is the 20% darker color. If you saturate the color by 10%, you get **49312C**, and if you desaturate by 10%, it is **493D3A**.

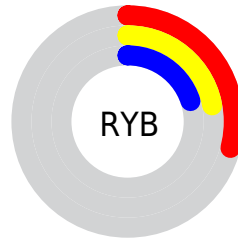
Distribution



Red (29%)

Green (22%)

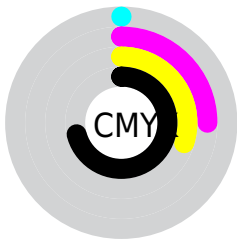
Blue (20%)



Red (29%)

Yellow (22%)

Blue (20%)

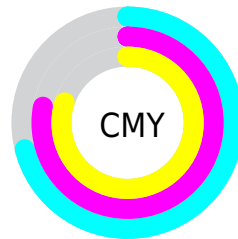


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493733 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 493733 by changing the saturation by 10% instead.

■ 493733

■ 493733

FFFFFF

■ 32221E

■ 7A6661

■ 1E0C05

■ 947F7A

■ 000000

■ AF9994

■ CAB4AE

■ E7CFCA

■ FFEBE6

■ 493733

■ 493733

■ 49312C

■ 493D3A

■ 492B24

■ 494342

■ 49251D

■ 494949

■ 491F16

■ 494F50

■ 49190F

■ 495558

■ 491307

■ 495B5F

■ 490D00

■ 496166

■ 49676D

■ 496D75

Harmonies

Analogous

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



49363A



493733



45392F

Triad

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



493733



2F3F36



353B49

Complementary

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



493733



334549

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.



2D3D48



493733



2A3F3D

Square

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



493733



373D30



283F43



3E3946

Rectangle

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



493733



413A2D



283F43



323C49

Sweetspot

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



493733



5E5756



493345



302C2B



B0B0B0



303030

Same Dimension

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



493733



5E433C



494233



242120



631200



E32900

Inverse Universe

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



334549



3C585E



333A49



202324



005163



00BAE3

Previews

White Background



This preview shows how the Hex color 493733 looks on a white background.

Color Contrast Check

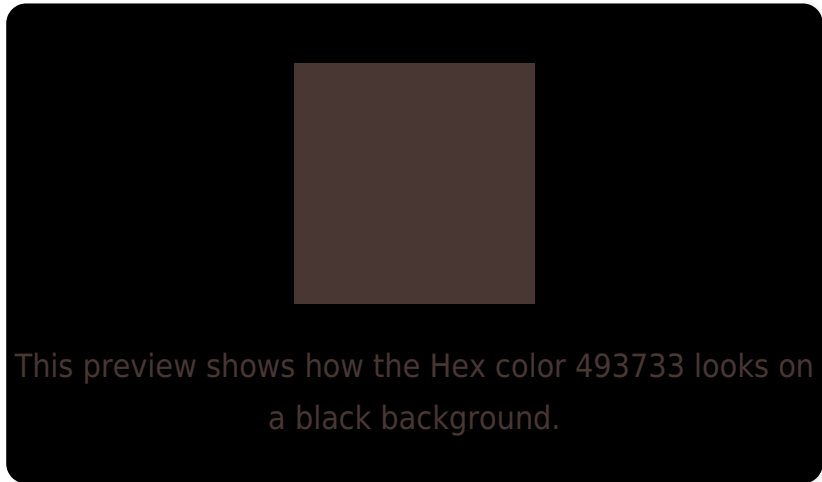
Large Text (above 18pt) WCAG AA ✓ Pass

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

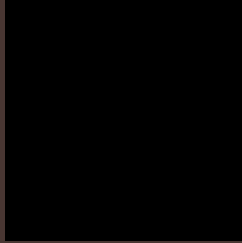
Any Text WCAG AA × Fail

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 493733 Background



This preview shows how black text looks on a background with the Hex color 493733.

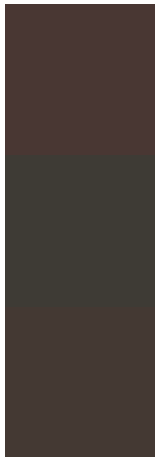


This preview shows how white text looks on a background with the Hex color 493733.

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](#).

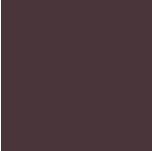
Dichromacy



Original Color
493733

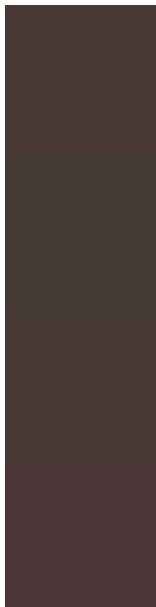
Protanopia
3E3B35

Deuteranopia
443933



Tritanopia
4A363A

Trichromacy



Original Color

493733

Protanomaly

423A34

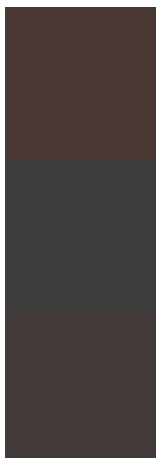
Deuteranomaly

463833

Tritanomaly

4A3637

Monochromacy



Original Color

493733

Achromatopsia

3C3C3C

Achromatomaly

413A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 493733 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 #493733 looks like.

```
.text, #text, p{  
    color:#493733  
}
```

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 #493733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493733  
}
```

Border

The CSS property to change the border of an element to Hex 493733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

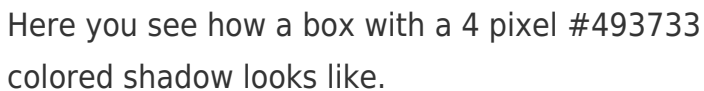
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#493733 }
```

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

```
.border{ border-color:#493733 }
```

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



Here you see how a box with a 4 pixel #493733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493733; -webkit-box-shadow:4px 4px  
4px 4px #493733; box-shadow:4px 4px 4px  
4px #493733 }
```

Background

The CSS property to change the background color of an element to Hex 493733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493733 }
```

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

```
.background{ background-color:#493733 }
```

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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