

Converting Colors

Hex(493933)

Have a look what the booklet for
Hex(493933) contains.

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Color

Hex(493933)

Conversions

Conversions Part 1

Format	Color
Hex	493933
RGB	73, 57, 51
RGB Percent	29%, 22%, 20%
CMY	0.7137, 0.7765, 0.8000
CMYK	0.00, 0.22, 0.30, 0.71
HSL	16°, 18%, 24%
HSV	16°, 30%, 29%
XYZ	4.8083, 4.5817, 3.7629
YIQ	61.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

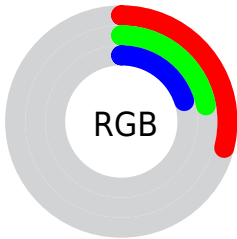
Format	Color
R_{YB}	73, 59, 51
Decimal	4798771
CIE _{Lab}	25.51, 6.01, 6.42
CIE _{LCh}	26, 8.792, 46.906
Yxy	4.5817, 0.3656, 0.3483
Android (android.graphics.Color)	4282988851 (0xFF493933)
YUV	61.1000, -4.9793, 10.4363
Hunter-Lab	21.4050, 2.6387, 4.5606

Details

The Hex color **493933** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334349**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7A6861**, and **1E0E05** is the 20% darker color. If you saturate the color by 10%, you get **49342C**, and if you desaturate by 10%, it is **493E3A**.

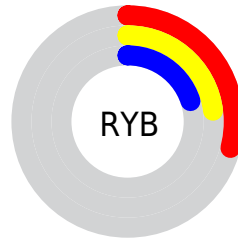
Distribution



Red (29%)

Green (22%)

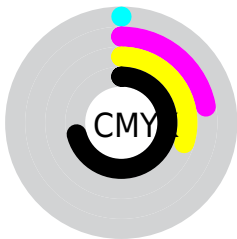
Blue (20%)



Red (29%)

Yellow (23%)

Blue (20%)

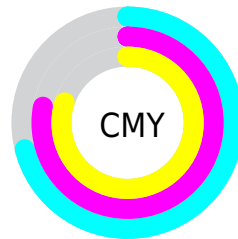


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493933 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 493933 by changing the saturation by 10% instead.



493933



493933

FFFFFF



32231E



7A6861



1E0E05



94817A



000000



AF9B94



CAB6AE



E6D2CA



FFEEE6



493933



493933



49342C



493E3A

■ 492E24

■ 494442

■ 49291D

■ 494949

■ 492416

■ 494E50

■ 491E0F

■ 495458

■ 491907

■ 49595F

■ 491400

■ 495E66

■ 49636D

■ 496975

Harmonies

Analogous

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



4A3839



493933



443B30

Triad

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



493933



2F4039



3A3C49

Complementary

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



493933



334349

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.



313E49



493933



2B4040

Square

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



493933



363F33



2C4046



423A46

Rectangle

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



493933



403C2F



2C4046



373C4A

Sweetspot

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



493933



5E5856



493343



302D2B



B0B0B0



303030

Same Dimension

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



493933



5E463C



494433



242120



631B00



E33E00

Inverse Universe

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



334349



3C555E



333849



202324



004863



00A5E3

Previews

White Background



This preview shows how the Hex color 493933 looks on a white background.

Color Contrast Check

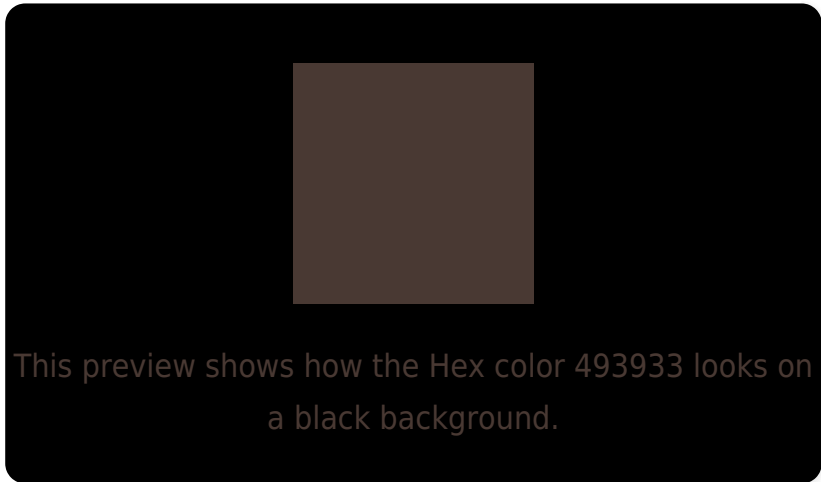
Large Text (above 18pt) WCAG AA ✓ Pass

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

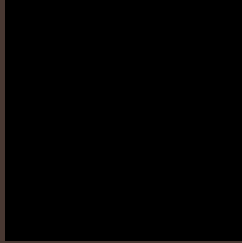
Any Text WCAG AA × Fail

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 493933 Background



This preview shows how black text looks on a background with the Hex color 493933.

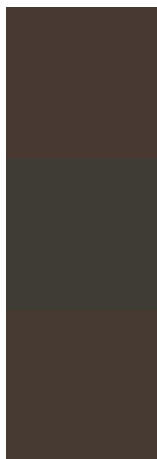


This preview shows how white text looks on a background with the Hex color 493933.

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](#).

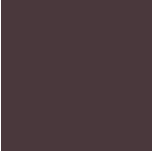
Dichromacy



Original Color
493933

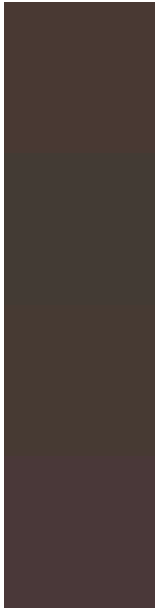
Protanopia
3F3C35

Deuteranopia
463A33



Tritanopia
4A383C

Trichromacy



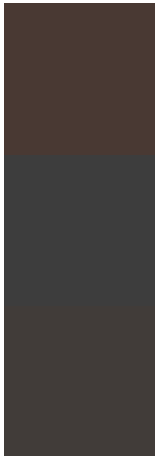
Original Color
493933

Protanomaly
433B34

Deuteranomaly
473A33

Tritanomaly
4A3839

Monochromacy



Original Color
493933

Achromatopsia
3D3D3D

Achromatomaly
413C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 493933 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 #493933 looks like.

```
.text, #text, p{  
    color:#493933  
}
```

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 #493933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493933
}
```

Border

The CSS property to change the border of an element to Hex 493933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

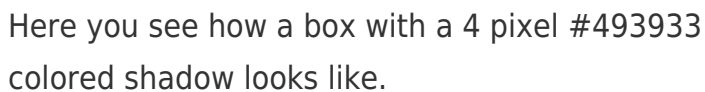
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493933 }
```

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

```
.border{ border-color:#493933 }
```

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



Here you see how a box with a 4 pixel #493933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493933; -webkit-box-shadow:4px 4px  
4px 4px #493933; box-shadow:4px 4px 4px  
4px #493933 }
```

Background

The CSS property to change the background color of an element to Hex 493933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493933 }
```

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

```
.background{ background-color:#493933 }
```

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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