

Converting Colors

Hex(493F33)

Have a look what the booklet for
Hex(493F33) contains.

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Color

Hex(493F33)

Conversions

Conversions Part 1

Format	Color
Hex	493F33
RGB	73, 63, 51
RGB Percent	29%, 25%, 20%
CMY	0.7137, 0.7529, 0.8000
CMYK	0.00, 0.14, 0.30, 0.71
HSL	33°, 18%, 24%
HSV	33°, 30%, 29%
XYZ	5.1227, 5.2105, 3.8677
YIQ	64.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

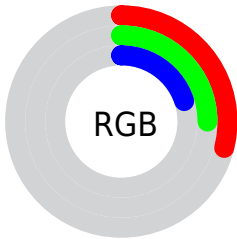
Format	Color
RYB	69, 73, 51
Decimal	4800307
CIELab	27.33, 2.12, 8.96
CIELCh	27, 9.202, 76.705
Yxy	5.2105, 0.3607, 0.3669
Android (android.graphics.Color)	4282990387 (0xFF493F33)
YUV	64.6220, -6.7156, 7.3475
Hunter-Lab	22.8265, 0.1124, 5.9325

Details

The Hex color **493F33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333D49**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7A6F61**, and **1E1505** is the 20% darker color. If you saturate the color by 10%, you get **493C2C**, and if you desaturate by 10%, it is **49423A**.

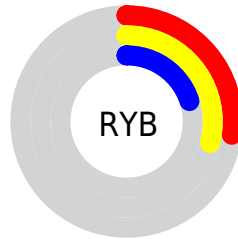
Distribution



 Red (29%)

 Green (25%)

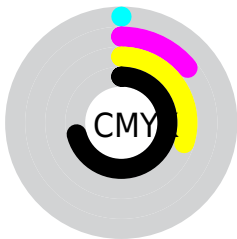
 Blue (20%)



 Red (27%)

 Yellow (29%)

 Blue (20%)

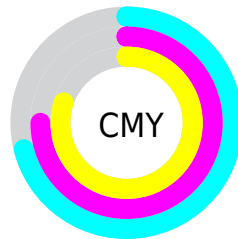


 Cyan (0%)


 Magenta (14%)

 Yellow (30%)

 Black (71%)



 Cyan (71%)

 Magenta (75%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493F33 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 493F33 by changing the saturation by 10% instead.



493F33



493F33

FFFFFF



32291E



7A6F61



1E1505



94887A



000000



AFA294



CABDAF



E6D9CA



FFF5E6



493F33



493F33



493C2C



49423A

■ 493824

■ 494642

■ 49351D

■ 494949

■ 493216

■ 494C50

■ 492E0F

■ 495058

■ 492B07

■ 49535F

■ 492800

■ 495666

■ 495A6D

■ 495D75

Harmonies

Analogous

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



4E3D37



493F33



424133

Triad

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



493F33



2E4544



473D4A

Complementary

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



493F33



333D49

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.



3E404E



493F33



2F444B

Square

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



493F33



32443D



35424E



4D3C44

Rectangle

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



493F33



3C4335



35424E



443E4C

Sweetspot

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



493F33



5E5A56



49333D



302E2B



B0B0B0



303030

Same Dimension

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



493F33



5E4F3C



484933



242220



633600



E37C00

Inverse Universe

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



333D49



3C4C5E



343349



202224



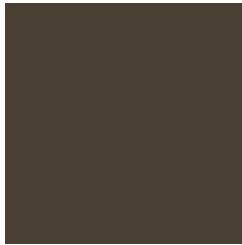
002D63



0067E3

Previews

White Background



This preview shows how the Hex color 493F33 looks on a white background.

Color Contrast Check

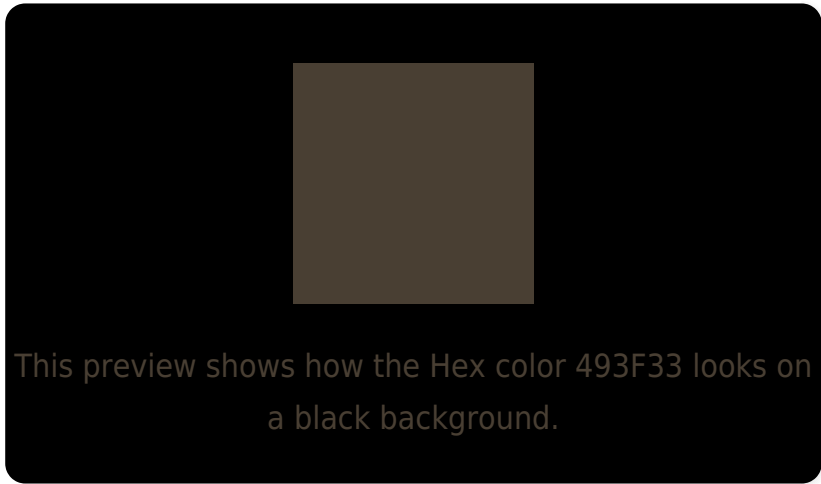
Large Text (above 18pt) WCAG AA ✓ Pass

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

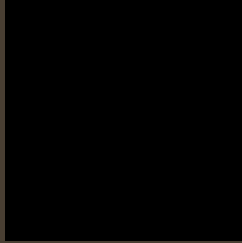
Any Text WCAG AA × Fail

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 493F33 Background



This preview shows how black text looks on a background with the Hex color 493F33.

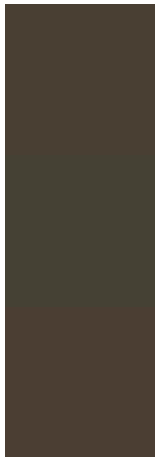


This preview shows how white text looks on a background with the Hex color 493F33.

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
493F33

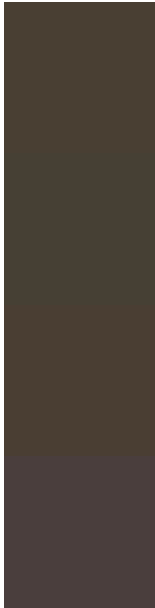
Protanopia
454134

Deuteranopia
4B3E33



Tritanopia
4B3D42

Trichromacy



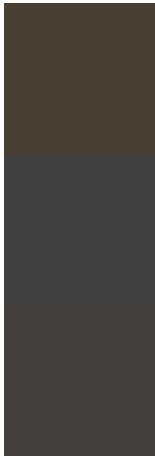
Original Color
493F33

Protanomaly
464034

Deuteranomaly
4A3E33

Tritanomaly
4A3E3D

Monochromacy



Original Color
493F33

Achromatopsia
414141

Achromatomaly
44403C

CSS Examples

Text

The CSS property to change the color of the text to Hex 493F33 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 #493F33 looks like.

```
.text, #text, p{  
    color:#493F33  
}
```

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 #493F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493F33  
}
```

Border

The CSS property to change the border of an element to Hex 493F33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

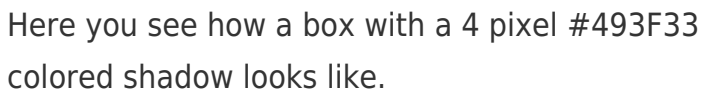
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#493F33 }
```

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

```
.border{ border-color:#493F33 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #493F33 hex code mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #493F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493F33; -webkit-box-shadow:4px 4px  
4px 4px #493F33; box-shadow:4px 4px 4px  
4px #493F33 }
```

Background

The CSS property to change the background color of an element to Hex 493F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493F33 }
```

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

```
.background{ background-color:#493F33 }
```

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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