

Converting Colors

Hex(493B25)

Have a look what the booklet for
Hex(493B25) contains.

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Color

Hex(493B25)

Conversions

Conversions Part 1

Format	Color
Hex	493B25
RGB	73, 59, 37
RGB Percent	29%, 23%, 15%
CMY	0.7137, 0.7686, 0.8549
CMYK	0.00, 0.19, 0.49, 0.71
HSL	37°, 33%, 22%
HSV	37°, 49%, 29%
XYZ	4.6455, 4.6780, 2.4084
YIQ	60.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

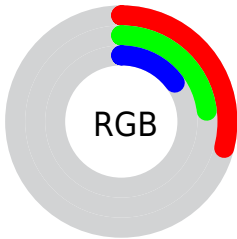
Format	Color
RYB	60, 73, 37
Decimal	4799269
CIELab	25.80, 2.65, 15.92
CIElCh	26, 16.142, 80.543
Yxy	4.6780, 0.3960, 0.3987
Android (android.graphics.Color)	4282989349 (0xFF493B25)
YUV	60.6780, -11.6733, 10.8064
Hunter-Lab	21.6286, 0.4894, 8.5381

Details

The Hex color **493B25** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **253349**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B6A52**, and **1D1100** is the 20% darker color. If you saturate the color by 10%, you get **49381E**, and if you desaturate by 10%, it is **493E2C**.

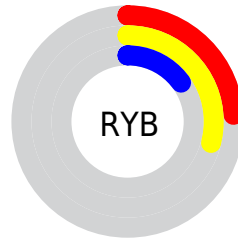
Distribution



Red (29%)

Green (23%)

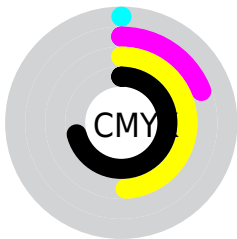
Blue (15%)



Red (24%)

Yellow (29%)

Blue (15%)

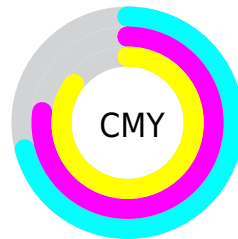


Cyan (0%)

Magenta (19%)

Yellow (49%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493B25 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 493B25 by changing the saturation by 10% instead.



493B25



493B25

FFFFFF



322510



7B6A52



1D1100



95836A



000000



B09D84



CBB89E



E8D4B9



FFF0D4



FFFFF1



493B25



493B25

■ 49381E

■ 493E2C

■ 493516

■ 494134

■ 49320F

■ 49443B

■ 493008

■ 494642

■ 492D01

■ 49494A

■ 492D00

■ 494C51

■ 494F58

■ 49525F

■ 495567

Harmonies

Analogous

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



52372B



493B25



3D3F26

Triad

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



493B25



144445



49374D

Complementary

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



493B25



253349

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.



393B54



493B25



164250

Square

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



493B25



204439



263F55



533441

Rectangle

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



493B25



34412A



263F55



443850

Sweetspot

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



493B25



5E5950



492533



302D28



B0B0B0



303030

Same Dimension

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



493B25



5E4927



454925



242220



633D00



E38B00

Inverse Universe

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



253349



273C5E



292549



202224



002763



0058E3

Previews

White Background



This preview shows how the Hex color 493B25 looks on a white background.

Color Contrast Check

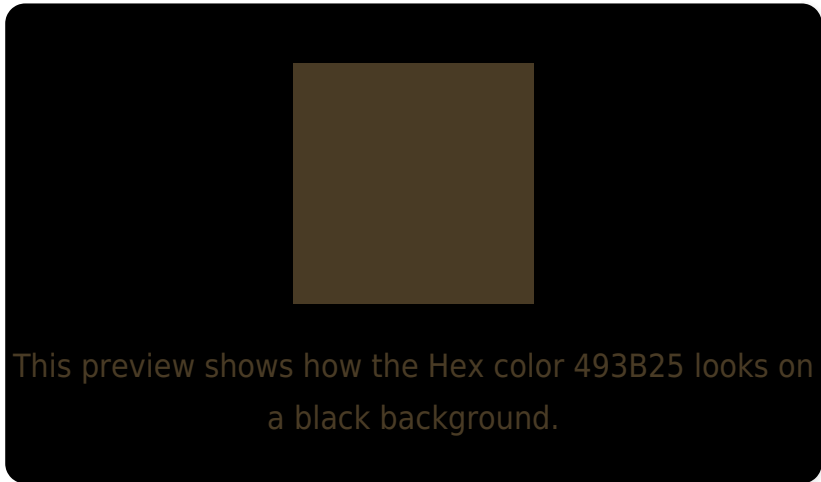
Large Text (above 18pt) WCAG AA ✓ Pass

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

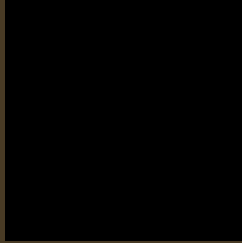
Any Text WCAG AA × Fail

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 493B25 Background



This preview shows how black text looks on a background with the Hex color 493B25.

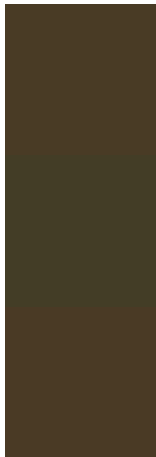


This preview shows how white text looks on a background with the Hex color 493B25.

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](#).

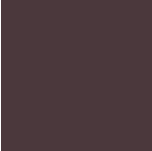
Dichromacy



Original Color
493B25

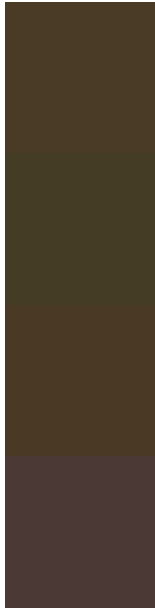
Protanopia
433D26

Deuteranopia
4A3A25



Tritanopia
4B383C

Trichromacy



Original Color
493B25

Protanomaly
453C26

Deuteranomaly
4A3A25

Tritanomaly
4A3934

Monochromacy



Original Color
493B25

Achromatopsia
3D3D3D

Achromatomaly
413C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 493B25 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 #493B25 looks like.

```
.text, #text, p{  
    color:#493B25  
}
```

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 #493B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B25
}
```

Border

The CSS property to change the border of an element to Hex 493B25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

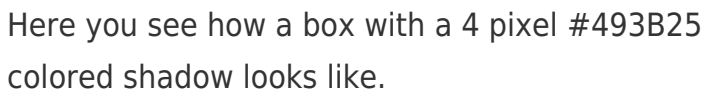
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493B25 }
```

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

```
.border{ border-color:#493B25 }
```

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



Here you see how a box with a 4 pixel #493B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B25; -webkit-box-shadow:4px 4px  
4px 4px #493B25; box-shadow:4px 4px 4px  
4px #493B25 }
```

Background

The CSS property to change the background color of an element to Hex 493B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B25 }
```

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

```
.background{ background-color:#493B25 }
```

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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