

Converting Colors

Hex(493A28)

Have a look what the booklet for
Hex(493A28) contains.

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Color

Hex(493A28)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 493A28 |
| RGB | 73, 58, 40 |
| RGB Percent | 29%, 23%, 16% |
| CMY | 0.7137, 0.7725, 0.8431 |
| CMYK | 0.00, 0.21, 0.45, 0.71 |
| HSL | 33°, 29%, 22% |
| HSV | 33°, 45%, 29% |
| XYZ | 4.6437, 4.5958, 2.6498 |
| YIQ | 60.4330, 14.7180, -2.4180 |

Conversions

Conversions Part 2

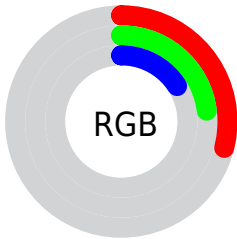
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 68, 73, 40 |
| Decimal | 4799016 |
| CIELab | 25.55, 3.69, 13.68 |
| CIElCh | 26, 14.170, 74.907 |
| Yxy | 4.5958, 0.3906, 0.3865 |
| Android (android.graphics.Color) | 4282989096 (0xFF493A28) |
| YUV | 60.4330, -10.0735, 11.0213 |
| Hunter-Lab | 21.4378, 1.1494, 7.6779 |

Details

The Hex color **493A28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283749**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B6955**, and **1D1000** is the 20% darker color. If you saturate the color by 10%, you get **493721**, and if you desaturate by 10%, it is **493D2F**.

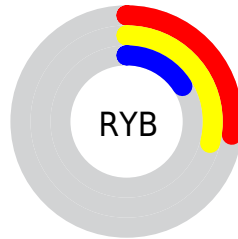
Distribution



Red (29%)

Green (23%)

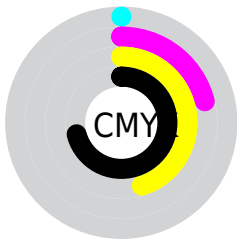
Blue (16%)



Red (27%)

Yellow (29%)

Blue (16%)

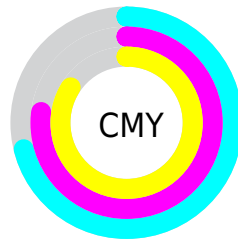


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493A28 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 493A28 by changing the saturation by 10% instead.

■ 493A28

■ 493A28

FFFFFF

■ 322414

■ 7B6955

■ 1D1000

■ 95826E

■ 000000

■ AF9C87

■ CBB7A1

■ E7D3BC

■ FFEFD8

■ FFFFF4

■ 493A28

■ 493A28

■ 493721

■ 493D2F

■ 493319

■ 494137

■ 493012

■ 49443E

■ 492D0B

■ 494745

■ 492904

■ 494B4D

■ 492800

■ 494E54

■ 49515B

■ 495562

■ 49586A

Harmonies

Analogous

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



50372E



493A28



3F3E28

Triad

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



493A28



1C4242



45384C

Complementary

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



493A28



283749

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.



373C51



493A28



1C424B

Square

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



493A28



264237



273F51



4E3542

Rectangle

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



493A28



37402B



273F51



40394E

Sweetspot

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



493A28



5E5851



492837



302D28



B0B0B0



303030

Same Dimension

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



493A28



5E472B



484928



242220



633600



E37C00

Inverse Universe

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



283749



2B435E



292849



202224



002D63



0067E3

Previews

White Background



This preview shows how the Hex color 493A28 looks on a white background.

Color Contrast Check

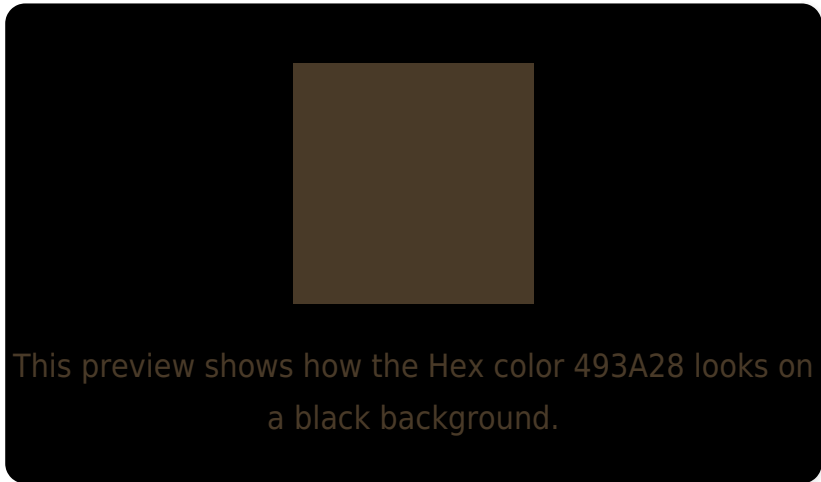
Large Text (above 18pt) WCAG AA ✓ Pass

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

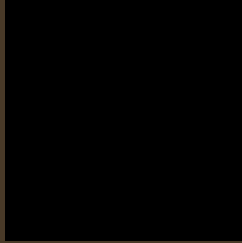
Any Text WCAG AA × Fail

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 493A28 Background



This preview shows how black text looks on a background with the Hex color 493A28.

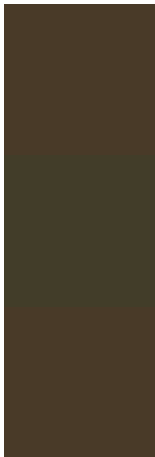


This preview shows how white text looks on a background with the Hex color 493A28.

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
493A28

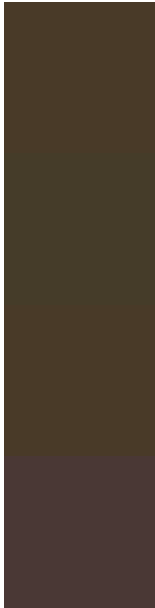
Protanopia
423D29

Deuteranopia
493A28



Tritanopia
4B373C

Trichromacy



Original Color
493A28

Protanomaly
453C29

Deuteranomaly
493A28

Tritanomaly
4A3835

Monochromacy



Original Color
493A28

Achromatopsia
3C3C3C

Achromatomaly
413B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 493A28 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 #493A28 looks like.

```
.text, #text, p{  
    color:#493A28  
}
```

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 #493A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493A28  
}
```

Border

The CSS property to change the border of an element to Hex 493A28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

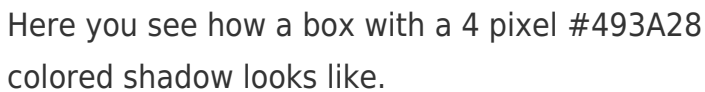
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#493A28 }
```

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

```
.border{ border-color:#493A28 }
```

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



Here you see how a box with a 4 pixel #493A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493A28; -webkit-box-shadow:4px 4px  
4px 4px #493A28; box-shadow:4px 4px 4px  
4px #493A28 }
```

Background

The CSS property to change the background color of an element to Hex 493A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493A28 }
```

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

```
.background{ background-color:#493A28 }
```

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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