

# Converting Colors

Hex(493F31)

Have a look what the booklet for  
Hex(493F31) contains.

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# Color

**Hex(493F31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	493F31
RGB	73, 63, 49
RGB Percent	29%, 25%, 19%
CMY	0.7137, 0.7529, 0.8078
CMYK	0.00, 0.14, 0.33, 0.71
HSL	35°, 20%, 24%
HSV	35°, 33%, 29%
XYZ	5.0795, 5.1932, 3.6404
YIQ	64.3940, 10.4540, -2.2340

# Conversions

## Conversions Part 2

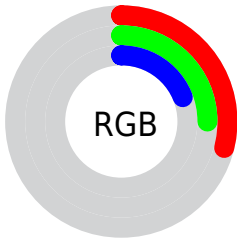
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 73, 49
Decimal	4800305
CIELab	27.28, 1.79, 10.19
CIELCh	27, 10.343, 80.030
Yxy	5.1932, 0.3651, 0.3733
Android (android.graphics.Color)	4282990385 (0xFF493F31)
YUV	64.3940, -7.5892, 7.5475
Hunter-Lab	22.7887, -0.0929, 6.4807

# Details

The Hex color **493F31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313B49**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A6F5F**, and **1E1502** is the 20% darker color. If you saturate the color by 10%, you get **493C2A**, and if you desaturate by 10%, it is **494238**.

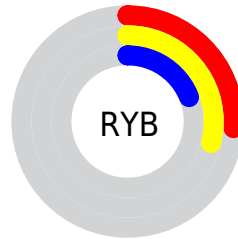
# Distribution



Red (29%)

Green (25%)

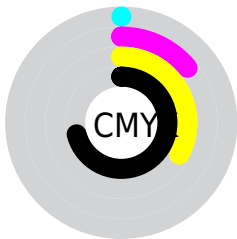
Blue (19%)



Red (26%)

Yellow (29%)

Blue (19%)

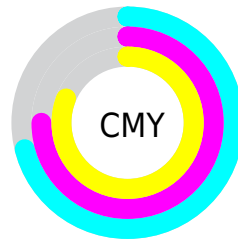


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493F31 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 493F31 by changing the saturation by 10% instead.





493F31



493F31

FFFFFF



32291C



7A6F5F



1E1502



948878



000000



AFA292



CABDAC



E6D9C8



FFF5E4



493F31



493F31



493C2A



494238

■ 493922

■ 494540

■ 49361B

■ 494847

■ 493314

■ 494B4E

■ 49300D

■ 494E56

■ 492D05

■ 49515D

■ 492B00

■ 495464

■ 49576B

■ 495A73

# Harmonies

## Analogous

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



4F3D35



493F31



414232

# Triad

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



493F31



2B4546



483D4B

# Complementary

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



493F31



313B49

# 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.



3E3F4F



493F31



2C444C

# Square

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



493F31



30453D



344250



4F3B43

# Rectangle

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



493F31



3B4334



344250



453E4D



# Sweetspot

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



493F31



5E5A55



49313B



302E2B



B0B0B0



303030



# Same Dimension

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



493F31



5E4F3A



474931



242220



633A00



E38400



# Inverse Universe

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



313B49



3A495E



333149



202224



002963

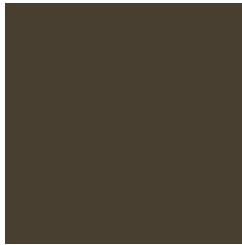


005FE3



# Previews

## White Background



This preview shows how the Hex color 493F31 looks on a white background.

## Color Contrast Check

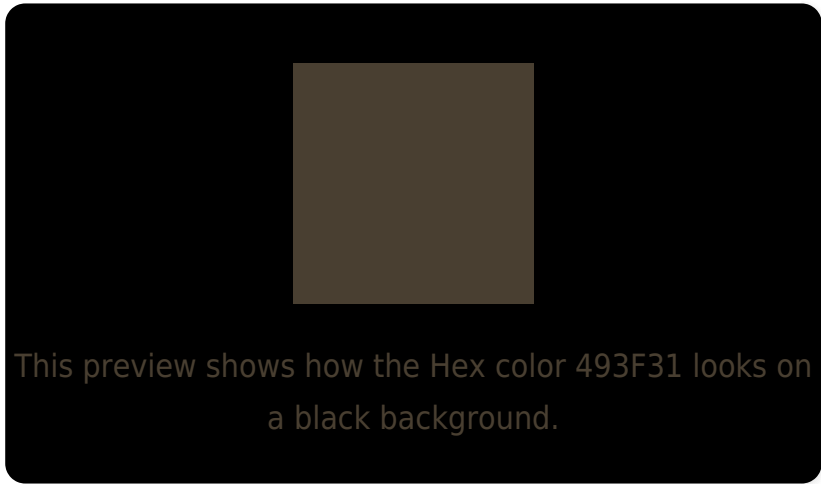
Large Text (above 18pt) WCAG AA ✓ Pass

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

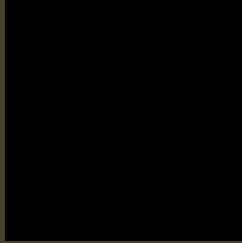
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 493F31 Background



This preview shows how black text looks on a background with the Hex color 493F31.

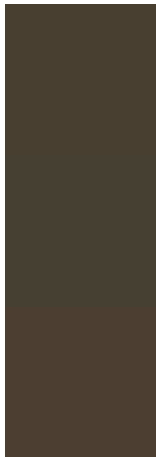


This preview shows how white text looks on a background with the Hex color 493F31.

# 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**  
493F31

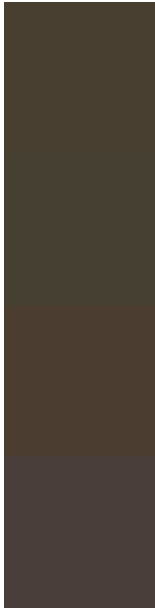
**Protanopia**  
454032

**Deuteranopia**  
4C3E31



**Tritanopia**  
4B3D41

# Trichromacy



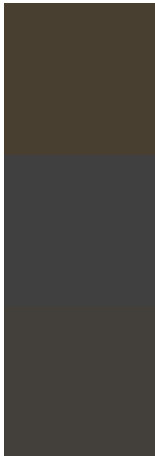
**Original Color**  
493F31

**Protanomaly**  
464032

**Deuteranomaly**  
4B3E31

**Tritanomaly**  
4A3E3B

# Monochromacy



**Original Color**  
493F31

**Achromatopsia**  
404040

**Achromatomaly**  
43403B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493F31 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 #493F31 looks like.

```
.text, #text, p{  
    color:#493F31  
}
```

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 #493F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493F31
}
```

## Border

The CSS property to change the border of an element to Hex 493F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

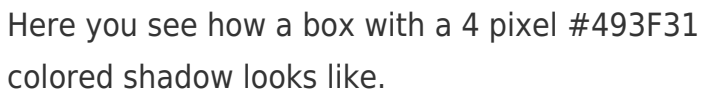
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493F31 }
```

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

```
.border{ border-color:#493F31 }
```

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



Here you see how a box with a 4 pixel #493F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493F31; -webkit-box-shadow:4px 4px  
4px 4px #493F31; box-shadow:4px 4px 4px  
4px #493F31 }
```

# Background

The CSS property to change the background color of an element to Hex 493F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493F31 }
```

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

```
.background{ background-color:#493F31 }
```

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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