

Converting Colors

Hex(492A29)

Have a look what the booklet for
Hex(492A29) contains.

Hex(492A29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(492A29)

Conversions

Conversions Part 1

Format	Color
Hex	492A29
RGB	73, 42, 41
RGB Percent	29%, 16%, 16%
CMY	0.7137, 0.8353, 0.8392
CMYK	0.00, 0.42, 0.44, 0.71
HSL	2°, 28%, 22%
HSV	2°, 44%, 29%
XYZ	3.9759, 3.2325, 2.5122
YIQ	51.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

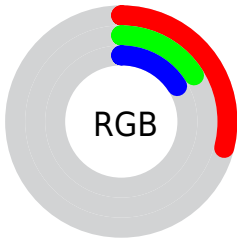
Format	Color
R_{YB}	73, 42, 41
Decimal	4794921
CIE Lab	20.95, 14.29, 6.77
CIE LCh	21, 15.815, 25.358
Yxy	3.2325, 0.4090, 0.3325
Android (android.graphics.Color)	4282985001 (0xFF492A29)
YUV	51.1550, -5.0064, 19.1581
Hunter-Lab	17.9791, 8.0095, 4.3009

Details

The Hex color **492A29** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **294849**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7B5856**, and **1E0000** is the 20% darker color. If you saturate the color by 10%, you get **492322**, and if you desaturate by 10%, it is **493130**.

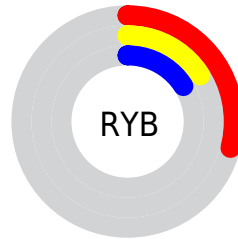
Distribution



Red (29%)

Green (16%)

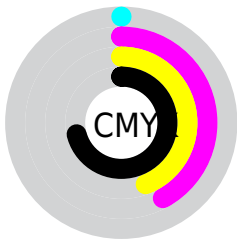
Blue (16%)



Red (29%)

Yellow (16%)

Blue (16%)

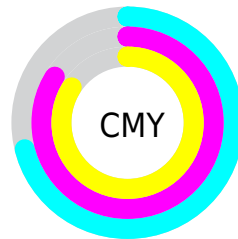


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (71%)



Cyan (71%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 492A29 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 492A29 by changing the saturation by 10% instead.



492A29



492A29

FFFFFF



311515



7B5856



1E0000



95706E



000000



B08A88



CCA4A2



E9BFBD



FFDBD9



FFF8F5



492A29



492A29

■ 492322

■ 493130

■ 491C1A

■ 493838

■ 491513

■ 493F3F

■ 490E0C

■ 494646

■ 490705

■ 494D4E

■ 490200

■ 495455

■ 495C5C

■ 496363

■ 496A6B

Harmonies

Analogous

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



472A35



492A29



452D20

Triad

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



492A29



223725



1F3449

Complementary

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



492A29



294849

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.



0B3745



492A29



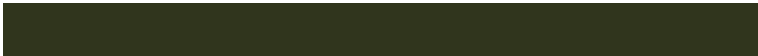
133930

Square

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



492A29



30351D



05383C



313047

Rectangle

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



492A29



3F301C



05383C



183549

Sweetspot

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



492A29



5E5252



492948



302929



B0B0B0



303030

Same Dimension

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



492A29



5E2E2C



493A29



242020



630300



E30700

Inverse Universe

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



294849



2C5D5E



293849



202424



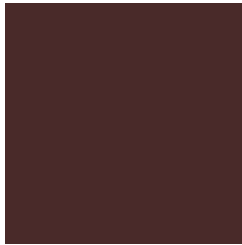
006063



00DCE3

Previews

White Background



This preview shows how the Hex color 492A29 looks on a white background.

Color Contrast Check

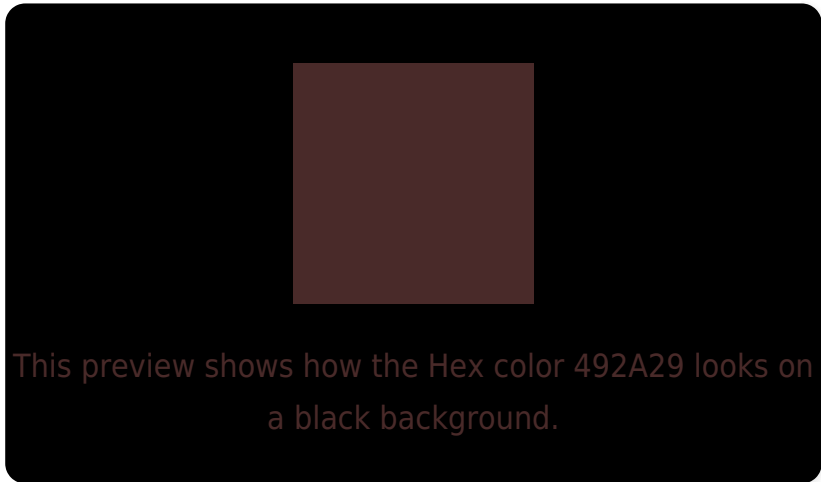
Large Text (above 18pt) WCAG AA ✓ Pass

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

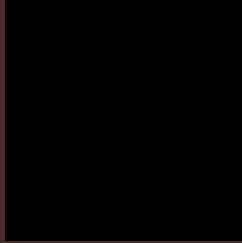
Any Text WCAG AA × Fail

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 492A29 Background



This preview shows how black text looks on a background with the Hex color 492A29.

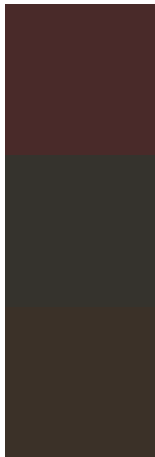


This preview shows how white text looks on a background with the Hex color 492A29.

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
492A29

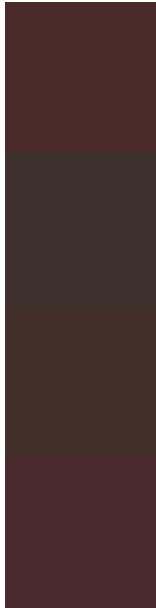
Protanopia
35332D

Deuteranopia
3B3128



Tritanopia
49292C

Trichromacy



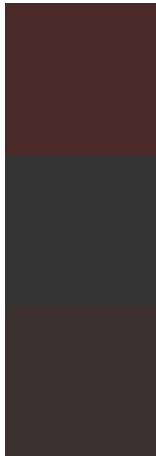
Original Color
492A29

Protanomaly
3C302C

Deuteranomaly
402E28

Tritanomaly
49292B

Monochromacy



Original Color
492A29

Achromatopsia
333333

Achromatomaly
3B302F

CSS Examples

Text

The CSS property to change the color of the text to Hex 492A29 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 #492A29 looks like.

```
.text, #text, p{  
    color:#492A29  
}
```

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 #492A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492A29
}
```

Border

The CSS property to change the border of an element to Hex 492A29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

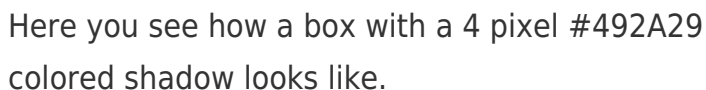
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#492A29 }
```

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

```
.border{ border-color:#492A29 }
```

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



Here you see how a box with a 4 pixel #492A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492A29; -webkit-box-shadow:4px 4px  
4px 4px #492A29; box-shadow:4px 4px 4px  
4px #492A29 }
```

Background

The CSS property to change the background color of an element to Hex 492A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492A29 }
```

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

```
.background{ background-color:#492A29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor