

Converting Colors

Hex(492F33)

Have a look what the booklet for
Hex(492F33) contains.

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Color

Hex(492F33)

Conversions

Conversions Part 1

Format	Color
Hex	492F33
RGB	73, 47, 51
RGB Percent	29%, 18%, 20%
CMY	0.7137, 0.8157, 0.8000
CMYK	0.00, 0.36, 0.30, 0.71
HSL	351°, 22%, 24%
HSV	351°, 36%, 29%
XYZ	4.3617, 3.6885, 3.6140
YIQ	55.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

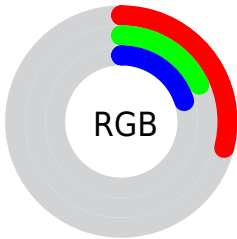
Format	Color
R_YB	73, 47, 51
Decimal	4796211
CIE Lab	22.61, 12.57, 2.30
CIE LCh	23, 12.780, 10.371
Yxy	3.6885, 0.3739, 0.3162
Android (android.graphics.Color)	4282986291 (0xFF492F33)
YUV	55.2300, -2.0854, 15.5843
Hunter-Lab	19.2055, 6.9290, 2.2868

Details

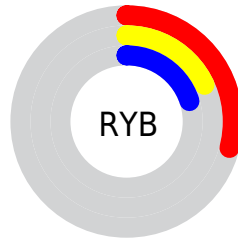
The Hex color **492F33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F4945**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7A5D61**, and **1F0004** is the 20% darker color. If you saturate the color by 10%, you get **49282D**, and if you desaturate by 10%, it is **493639**.

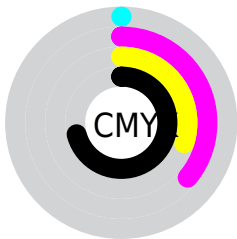
Distribution



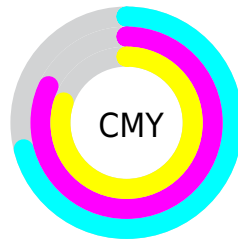
- Red (29%)
- Green (18%)
- Blue (20%)



- Red (29%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (71%)



- Cyan (71%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 492F33 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 492F33 by changing the saturation by 10% instead.



492F33



492F33

FFFFFF



321A1E



7A5D61



1F0004



94767A



000000



AF9094



CBAAAE



E7C6CA



FFE2E6



FFFEFF



492F33



492F33

■ 49282D

■ 493639

■ 492027

■ 493E3F

■ 491920

■ 494546

■ 49121A

■ 494C4C

■ 490B14

■ 495452

■ 49030E

■ 495B58

■ 49000B

■ 49625E

■ 496964

■ 49716B

Harmonies

Analogous

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



45303D



492F33



48302A

Triad

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



492F33



2F3927



213948

Complementary

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



492F33



2F4945

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.



193B42



492F33



243B2F

Square

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



492F33



393623



1B3B39



2F3649

Rectangle

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



492F33



453226



1B3B39



1E3946

Sweetspot

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



492F33



5E5456



452F49



302A2B



B0B0B0



303030

Same Dimension

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



492F33



5E363C



49382F



242021



63000F



E30023

Inverse Universe

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



492F33



5E363C



2F4049



242021



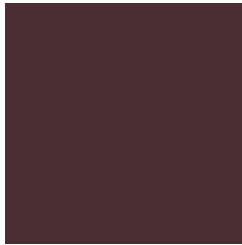
63000F



E30023

Previews

White Background



This preview shows how the Hex color 492F33 looks on a white background.

Color Contrast Check

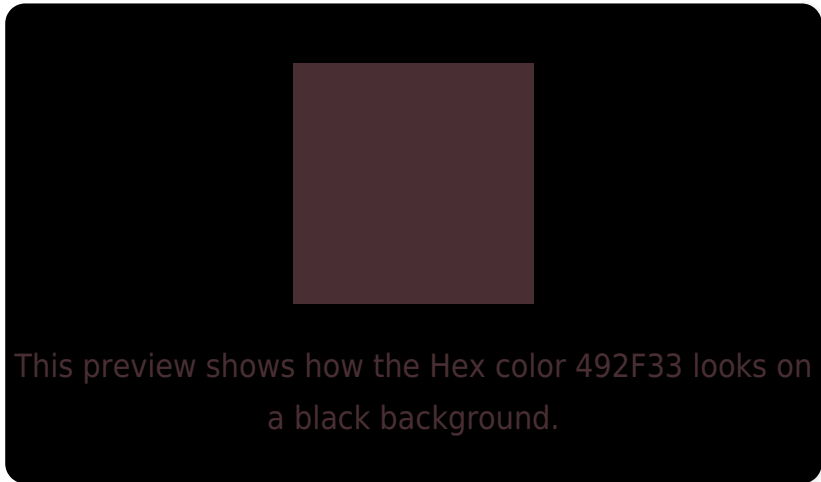
Large Text (above 18pt) WCAG AA ✓ Pass

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

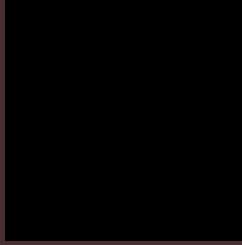
Any Text WCAG AA × Fail

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 492F33 Background



This preview shows how black text looks on a background with the Hex color 492F33.

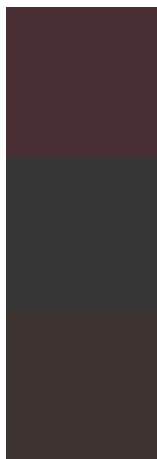


This preview shows how white text looks on a background with the Hex color 492F33.

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
492F33

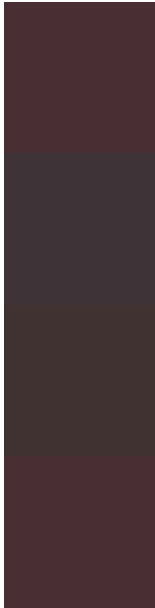
Protanopia
373637

Deuteranopia
3D3432



Tritanopia
492F33

Trichromacy



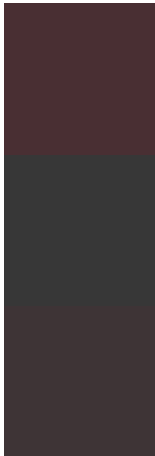
Original Color
492F33

Protanomaly
3E3336

Deuteranomaly
413232

Tritanomaly
492F33

Monochromacy



Original Color
492F33

Achromatopsia
373737

Achromatomaly
3E3436

CSS Examples

Text

The CSS property to change the color of the text to Hex 492F33 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 #492F33 looks like.

```
.text, #text, p{  
    color:#492F33  
}
```

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 #492F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492F33
}
```

Border

The CSS property to change the border of an element to Hex 492F33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

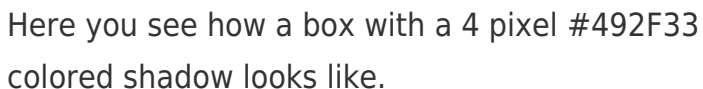
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#492F33 }
```

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

```
.border{ border-color:#492F33 }
```

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 #492F33 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 #492F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492F33; -webkit-box-shadow:4px 4px  
4px 4px #492F33; box-shadow:4px 4px 4px  
4px #492F33 }
```

Background

The CSS property to change the background color of an element to Hex 492F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492F33 }
```

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

```
.background{ background-color:#492F33 }
```

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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