

Converting Colors

Hex(442933)

Have a look what the booklet for
Hex(442933) contains.

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Color

Hex(442933)

Conversions

Conversions Part 1

Format	Color
Hex	442933
RGB	68, 41, 51
RGB Percent	27%, 16%, 20%
CMY	0.7333, 0.8392, 0.8000
CMYK	0.00, 0.40, 0.25, 0.73
HSL	338°, 25%, 21%
HSV	338°, 40%, 27%
XYZ	3.7744, 3.0538, 3.5225
YIQ	50.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

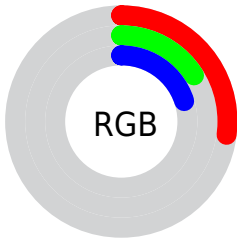
Format	Color
RYB	68, 41, 51
Decimal	4466995
CIELab	20.26, 14.30, -1.21
CIElCh	20, 14.350, 355.150
Yxy	3.0538, 0.3646, 0.2950
Android (android.graphics.Color)	4282657075 (0xFF442933)
YUV	50.2130, 0.3880, 15.5992
Hunter-Lab	17.4752, 7.9715, 0.2816

Details

The Hex color **442933** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29443A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **755761**, and **1B0005** is the 20% darker color. If you saturate the color by 10%, you get **44222F**, and if you desaturate by 10%, it is **443037**.

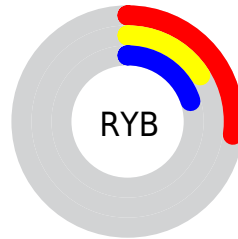
Distribution



Red (27%)

Green (16%)

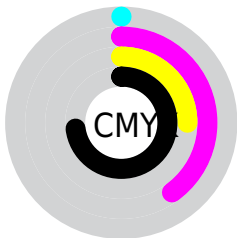
Blue (20%)



Red (27%)

Yellow (16%)

Blue (20%)

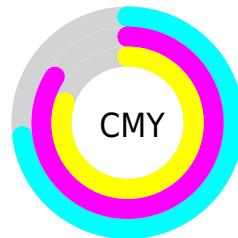


Cyan (0%)

Magenta (40%)

Yellow (25%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442933 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 442933 by changing the saturation by 10% instead.



442933



442933

FFFFFF



2D141E



755761



1B0005



8F6F7A



000000



A98994



C5A3AE



E1BECA



FEDAE6



FFF7FF



442933



442933

■ 44222F

■ 443037

■ 441B2A

■ 44373C

■ 441526

■ 443D40

■ 440E22

■ 444444

■ 44071E

■ 444B48

■ 440019

■ 44524D

■ 445951

■ 445F55

■ 44665A

Harmonies

Analogous

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



3D2B3D



442933



462928

Triad

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



442933



2F331E



103542

Complementary

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



442933



29443A

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.



0C3639



442933



233525

Square

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



442933



3A301C



16362F



203246

Rectangle

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



442933



432B22



16362F



0D363F

Sweetspot

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



442933



594F53



3A2944



2E272A



ADADAD



2E2E2E

Same Dimension

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



442933



592E3E



442C29



211E1F



610024



E00053

Inverse Universe

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



442933



592E3E



294144



211E1F



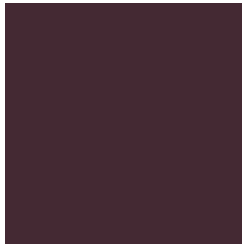
610024



E00053

Previews

White Background



This preview shows how the Hex color 442933 looks on a white background.

Color Contrast Check

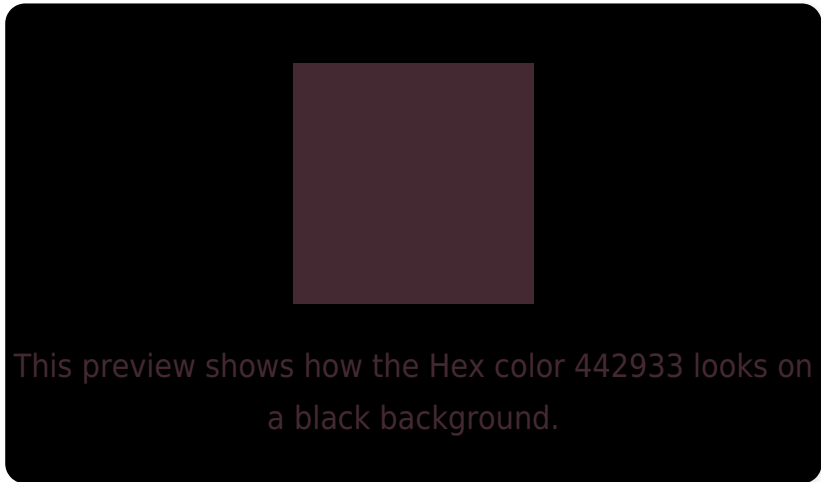
Large Text (above 18pt) WCAG AA ✓ Pass

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

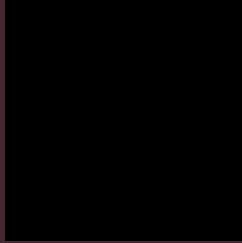
Any Text WCAG AA × Fail

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 442933 Background



This preview shows how black text looks on a background with the Hex color 442933.



This preview shows how white text looks on a background with the Hex color 442933.

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](#).

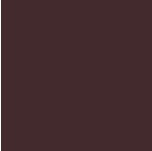
Dichromacy



Original Color
442933

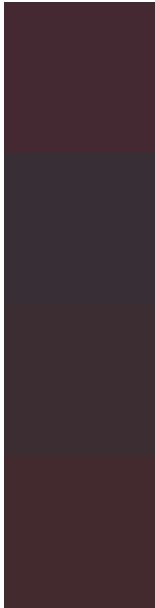
Protanopia
303138

Deuteranopia
363032



Tritanopia
432A2D

Trichromacy



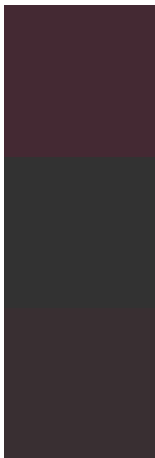
Original Color
442933

Protanomaly
372E36

Deuteranomaly
3B2D32

Tritanomaly
432A2F

Monochromacy



Original Color
442933

Achromatopsia
323232

Achromatomaly
392F32

CSS Examples

Text

The CSS property to change the color of the text to Hex 442933 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 #442933 looks like.

```
.text, #text, p{  
    color:#442933  
}
```

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 #442933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442933  
}
```

Border

The CSS property to change the border of an element to Hex 442933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

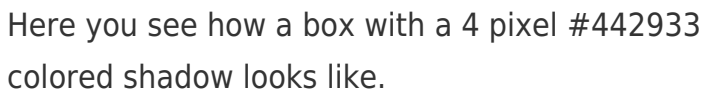
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442933 }
```

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

```
.border{ border-color:#442933 }
```

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



Here you see how a box with a 4 pixel #442933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442933; -webkit-box-shadow:4px 4px  
4px 4px #442933; box-shadow:4px 4px 4px  
4px #442933 }
```

Background

The CSS property to change the background color of an element to Hex 442933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442933 }
```

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

```
.background{ background-color:#442933 }
```

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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