

Converting Colors

Hex(442639)

Have a look what the booklet for
Hex(442639) contains.

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Color

Hex(442639)

Conversions

Conversions Part 1

Format	Color
Hex	442639
RGB	68, 38, 57
RGB Percent	27%, 15%, 22%
CMY	0.7333, 0.8510, 0.7765
CMYK	0.00, 0.44, 0.16, 0.73
HSL	322°, 28%, 21%
HSV	322°, 44%, 27%
XYZ	3.8155, 2.9106, 4.2316
YIQ	49.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

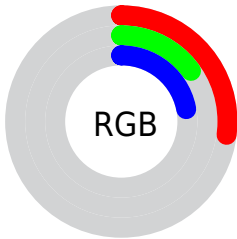
Format	Color
RYB	68, 38, 57
Decimal	4466233
CIELab	19.68, 17.40, -6.22
CIELCh	20, 18.479, 340.317
Yxy	2.9106, 0.3482, 0.2656
Android (android.graphics.Color)	4282656313 (0xFF442639)
YUV	49.1360, 3.8770, 16.5437
Hunter-Lab	17.0604, 10.0654, -2.7637

Details

The Hex color **442639** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **264431**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **755468**, and **1B000E** is the 20% darker color. If you saturate the color by 10%, you get **441F37**, and if you desaturate by 10%, it is **442D3B**.

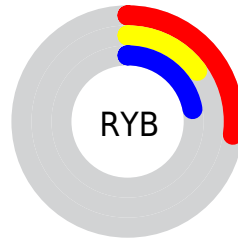
Distribution



Red (27%)

Green (15%)

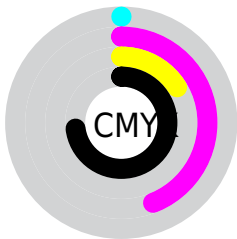
Blue (22%)



Red (27%)

Yellow (15%)

Blue (22%)

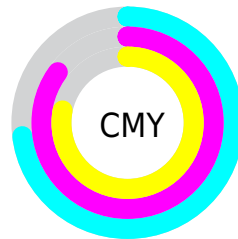


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442639 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 442639 by changing the saturation by 10% instead.



442639



442639

FFFFFF



2D1123



755468



1B000E



8F6C81



000000



AA869B



C5A0B6



E1BBD1



FED7EE



FFF3FF



442639



442639

■ 441F37

■ 442D3B

■ 441834

■ 44343E

■ 441232

■ 443A40

■ 440B2F

■ 444143

■ 44042D

■ 444845

■ 44002B

■ 444F48

■ 44564A

■ 445C4D

■ 44634F

Harmonies

Analogous

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



372A44



442639



49252B

Triad

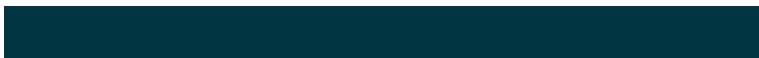
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



442639



333014



003641

Complementary

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



442639



264431

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.



003734



442639



25341A

Square

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



442639



3F2C16



133626



043349

Rectangle

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



442639



492623



133626



00363D

Sweetspot

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



442639



594E55



312644



2E272B



ADADAD



2E2E2E

Same Dimension

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



442639



592A48



44262A



211E20



61003D



E0008E

Inverse Universe

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



442639



592A48



264440



211E20



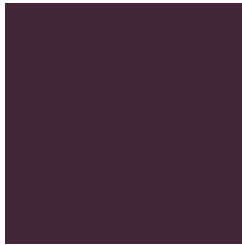
61003D



E0008E

Previews

White Background



This preview shows how the Hex color 442639 looks on a white background.

Color Contrast Check

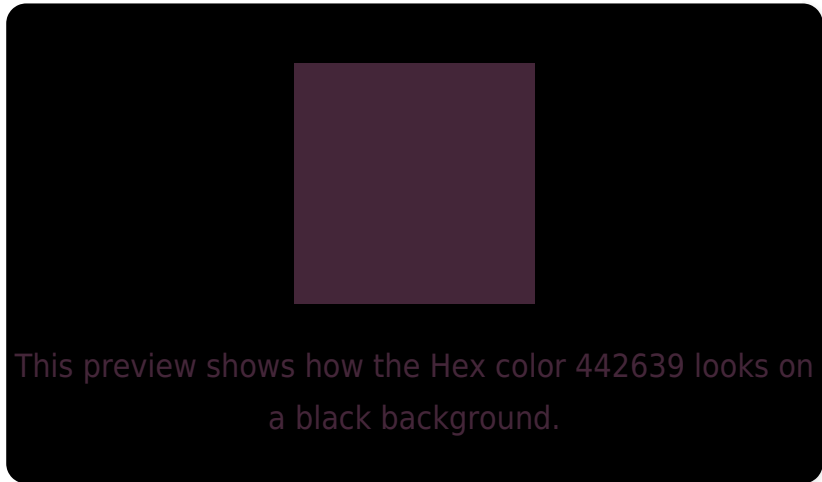
Large Text (above 18pt) WCAG AA ✓ Pass

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

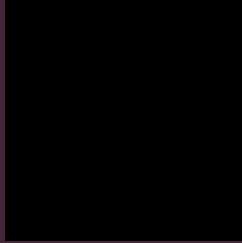
Any Text WCAG AA × Fail

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 442639 Background



This preview shows how black text looks on a background with the Hex color 442639.



This preview shows how white text looks on a background with the Hex color 442639.

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
442639

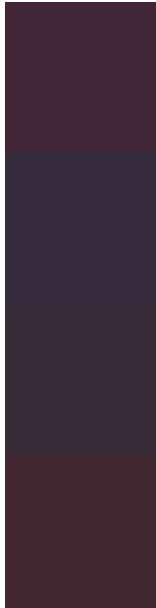
Protanopia
2C3040

Deuteranopia
312F37



Tritanopia
43292C

Trichromacy



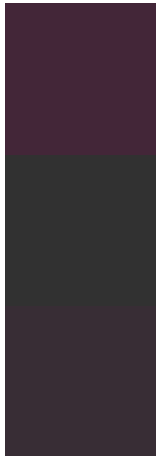
Original Color
442639

Protanomaly
352C3D

Deuteranomaly
382C38

Tritanomaly
432831

Monochromacy



Original Color
442639

Achromatopsia
313131

Achromatomaly
382D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 442639 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 #442639 looks like.

```
.text, #text, p{  
    color:#442639  
}
```

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 #442639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442639
}
```

Border

The CSS property to change the border of an element to Hex 442639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

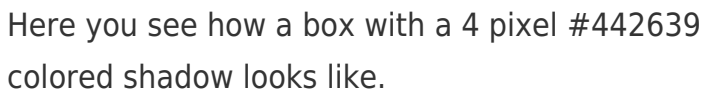
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442639 }
```

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

```
.border{ border-color:#442639 }
```

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



Here you see how a box with a 4 pixel #442639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442639; -webkit-box-shadow:4px 4px  
4px 4px #442639; box-shadow:4px 4px 4px  
4px #442639 }
```

Background

The CSS property to change the background color of an element to Hex 442639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442639 }
```

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

```
.background{ background-color:#442639 }
```

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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