

Converting Colors

Hex(422837)

Have a look what the booklet for
Hex(422837) contains.

Hex(422837)	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(422837)

Conversions

Conversions Part 1

Format	Color
Hex	422837
RGB	66, 40, 55
RGB Percent	26%, 16%, 22%
CMY	0.7412, 0.8431, 0.7843
CMYK	0.00, 0.39, 0.17, 0.74
HSL	325°, 25%, 21%
HSV	325°, 39%, 26%
XYZ	3.6951, 2.9517, 3.9894
YIQ	49.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

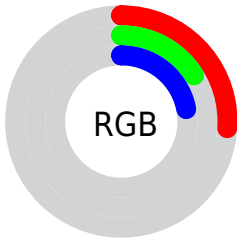
Format	Color
RYB	66, 40, 55
Decimal	4335671
CIELab	19.85, 14.86, -4.62
CIElCh	20, 15.560, 342.736
Yxy	2.9517, 0.3474, 0.2775
Android (android.graphics.Color)	4282525751 (0xFF422837)
YUV	49.4840, 2.7194, 14.4845
Hunter-Lab	17.1804, 8.3258, -1.7412

Details

The Hex color **422837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **284233**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **735666**, and **19000B** is the 20% darker color. If you saturate the color by 10%, you get **422134**, and if you desaturate by 10%, it is **422F3A**.

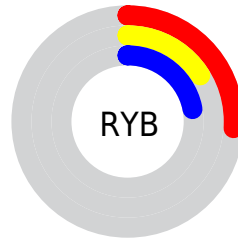
Distribution



Red (26%)

Green (16%)

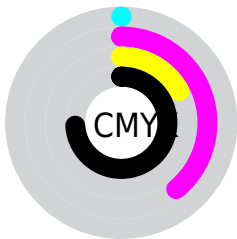
Blue (22%)



Red (26%)

Yellow (16%)

Blue (22%)

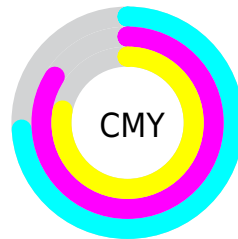


Cyan (0%)

Magenta (39%)

Yellow (17%)

Black (74%)



Cyan (74%)

Magenta (84%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422837 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 422837 by changing the saturation by 10% instead.



422837



422837

FFFFFF



2B1322



735666



19000B



8C6E7F



000000



A78899



C2A2B3



DEBDCF



FBD9EB



FFF5FF



422837



422837

■ 422134

■ 422F3A

■ 421B31

■ 42353D

■ 42142F

■ 423C3F

■ 420E2C

■ 424242

■ 420729

■ 424945

■ 420026

■ 425048

■ 42564B

■ 425D4D

■ 426350

Harmonies

Analogous

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



372B41



422837



46272C

Triad

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



422837



33311A



04353F

Complementary

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



422837



284233

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.



083635



422837



26341F

Square

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



422837



3D2D1A



183629



143345

Rectangle

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



422837



452824



183629



03363C

Sweetspot

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



422837



574C52



332842



2B2529



ABABAB



2B2B2B

Same Dimension

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



422837



572E45



42282A



211E20



610038



E00081

Inverse Universe

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



422837



572E45



284240



211E20



610038



E00081

Previews

White Background



This preview shows how the Hex color 422837 looks on a white background.

Color Contrast Check

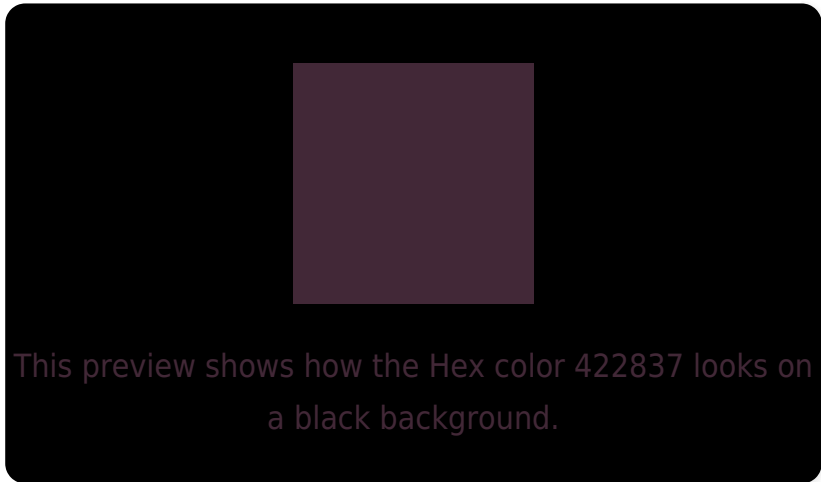
Large Text (above 18pt) WCAG AA ✓ Pass

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

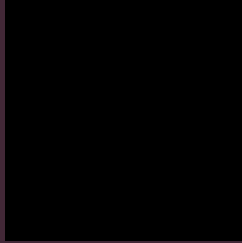
Any Text WCAG AA × Fail

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 422837 Background



This preview shows how black text looks on a background with the Hex color 422837.



This preview shows how white text looks on a background with the Hex color 422837.

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](#).

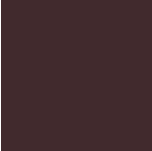
Dichromacy



Original Color
422837

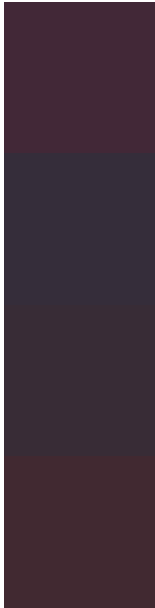
Protanopia
2D303C

Deuteranopia
332F36



Tritanopia
412A2D

Trichromacy



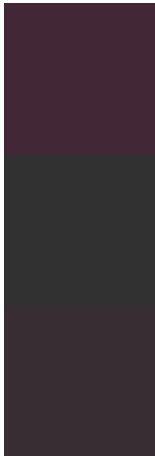
Original Color
422837

Protanomaly
352D3A

Deuteranomaly
382C36

Tritanomaly
412931

Monochromacy



Original Color
422837

Achromatopsia
313131

Achromatomaly
372E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 422837 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 #422837 looks like.

```
.text, #text, p{  
    color:#422837  
}
```

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 #422837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422837  
}
```

Border

The CSS property to change the border of an element to Hex 422837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

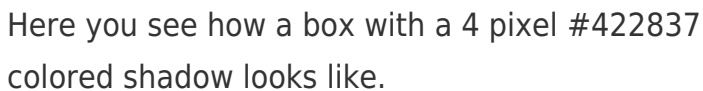
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#422837 }
```

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

```
.border{ border-color:#422837 }
```

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



Here you see how a box with a 4 pixel #422837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422837; -webkit-box-shadow:4px 4px  
4px 4px #422837; box-shadow:4px 4px 4px  
4px #422837 }
```

Background

The CSS property to change the background color of an element to Hex 422837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422837 }
```

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

```
.background{ background-color:#422837 }
```

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