

Converting Colors

Hex(422437)

Have a look what the booklet for
Hex(422437) contains.

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Color

Hex(422437)

Conversions

Conversions Part 1

Format	Color
Hex	422437
RGB	66, 36, 55
RGB Percent	26%, 14%, 22%
CMY	0.7412, 0.8588, 0.7843
CMYK	0.00, 0.45, 0.17, 0.74
HSL	322°, 29%, 20%
HSV	322°, 45%, 26%
XYZ	3.5672, 2.6958, 3.9468
YIQ	47.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

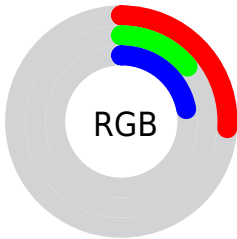
Format	Color
R_{YB}	66, 36, 55
Decimal	4334647
CIE _{Lab}	18.78, 17.48, -6.22
CIE _{LCh}	19, 18.556, 340.413
Yxy	2.6958, 0.3494, 0.2640
Android (android.graphics.Color)	4282524727 (0xFF422437)
YUV	47.1360, 3.8770, 16.5437
Hunter-Lab	16.4190, 10.0481, -2.7587

Details

The Hex color **422437** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24422F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **735166**, and **16000B** is the 20% darker color. If you saturate the color by 10%, you get **421D35**, and if you desaturate by 10%, it is **422B39**.

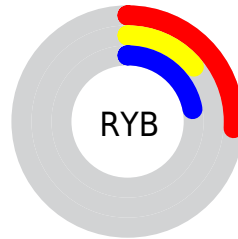
Distribution



Red (26%)

Green (14%)

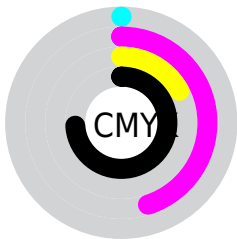
Blue (22%)



Red (26%)

Yellow (14%)

Blue (22%)

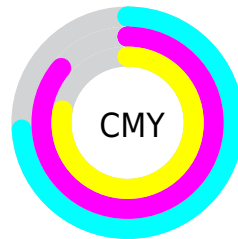


Cyan (0%)

Magenta (45%)

Yellow (17%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422437 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 422437 by changing the saturation by 10% instead.



422437



422437

FFFFFF



2B0F22



735166



16000B



8D6A7F



000000



A78399



C39DB3



DFB8CF



FBD4EB



FFF0FF



422437



422437

■ 421D35

■ 422B39

■ 421732

■ 42313C

■ 421030

■ 42383E

■ 420A2D

■ 423E41

■ 42032B

■ 424543

■ 42002A

■ 424C46

■ 425248

■ 42594A

■ 425F4D

Harmonies

Analogous

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



352842



422437



472329

Triad

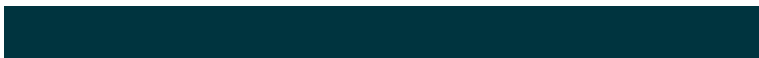
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



422437



312E13



00343F

Complementary

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



422437



24422F

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.



003532



422437



233219

Square

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



422437



3D2A14



103424



013247

Rectangle

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



422437



472421



103424



00343B

Sweetspot

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



422437



574B52



2F2442



2B2429



ABABAB



2B2B2B

Same Dimension

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



422437



572745



422428



211E20



61003D



E0008E

Inverse Universe

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



422437



572745



24423E



211E20



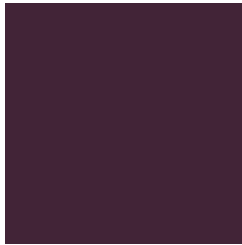
61003D



E0008E

Previews

White Background



This preview shows how the Hex color 422437 looks on a white background.

Color Contrast Check

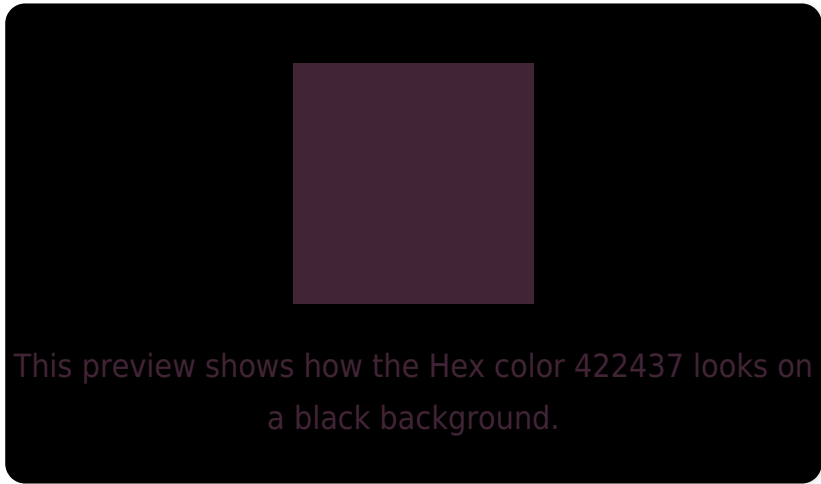
Large Text (above 18pt) WCAG AA ✓ Pass

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

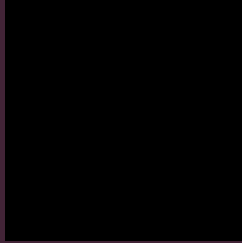
Any Text WCAG AA × Fail

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 422437 Background



This preview shows how black text looks on a background with the Hex color 422437.



This preview shows how white text looks on a background with the Hex color 422437.

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](#).

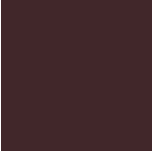
Dichromacy



Original Color
422437

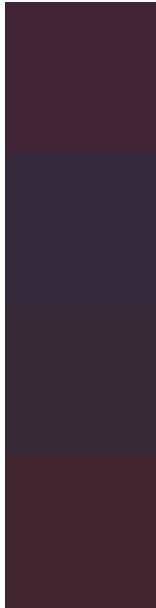
Protanopia
2A2E3E

Deuteranopia
2F2D35



Tritanopia
41272A

Trichromacy



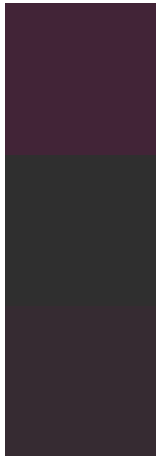
Original Color
422437

Protanomaly
332A3B

Deuteranomaly
362A36

Tritanomaly
41262F

Monochromacy



Original Color
422437

Achromatopsia
2F2F2F

Achromatomaly
362B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 422437 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 #422437 looks like.

```
.text, #text, p{  
    color:#422437  
}
```

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 #422437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422437
}
```

Border

The CSS property to change the border of an element to Hex 422437 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".

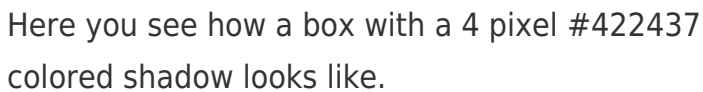
```
.border, #border, table{ border:4px solid
#422437 }
```

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

```
.border{ border-color:#422437 }
```

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

Here you see how a box with a 4 pixel #422437 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422437; -webkit-box-shadow:4px 4px  
4px 4px #422437; box-shadow:4px 4px 4px  
4px #422437 }
```

Background

The CSS property to change the background color of an element to Hex 422437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422437 }
```

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

```
.background{ background-color:#422437 }
```

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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