

Converting Colors

Hex(422433)

Have a look what the booklet for
Hex(422433) contains.

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Color

Hex(422433)

Conversions

Conversions Part 1

Format	Color
Hex	422433
RGB	66, 36, 51
RGB Percent	26%, 14%, 20%
CMY	0.7412, 0.8588, 0.8000
CMYK	0.00, 0.45, 0.23, 0.74
HSL	330°, 29%, 20%
HSV	330°, 45%, 26%
XYZ	3.4752, 2.6590, 3.4620
YIQ	46.6800, 13.0650, 11.0250

Conversions

Conversions Part 2

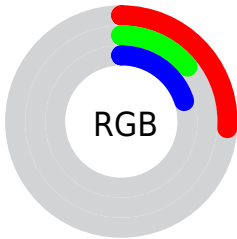
Format	Color
RYB	66, 36, 51
Decimal	4334643
CIELab	18.62, 16.72, -3.67
CIElCh	19, 17.112, 347.630
Yxy	2.6590, 0.3621, 0.2771
Android (android.graphics.Color)	4282524723 (0xFF422433)
YUV	46.6800, 2.1298, 16.9436
Hunter-Lab	16.3065, 9.5049, -1.1734

Details

The Hex color **422433** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **244233**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **735161**, and **160004** is the 20% darker color. If you saturate the color by 10%, you get **421D30**, and if you desaturate by 10%, it is **422B36**.

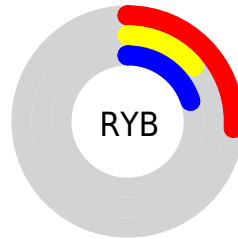
Distribution



Red (26%)

Green (14%)

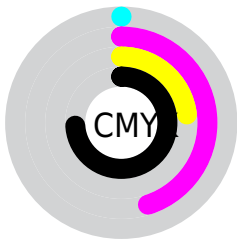
Blue (20%)



Red (26%)

Yellow (14%)

Blue (20%)

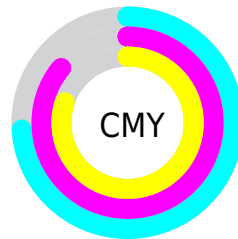


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422433 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 422433 by changing the saturation by 10% instead.

■ 422433

■ 422433

FFFFFF

■ 2B0F1E

■ 735161

■ 160004

■ 8D6A7A

■ 000000

■ A78394

■ C39DAE

■ DFB8CA

■ FCD4E6

■ FFF0FF

■ 422433

■ 422433

■ 421D30

■ 422B36

■ 42172C

■ 42313A

■ 421029

■ 42383D

■ 420A26

■ 423E40

■ 420323

■ 424544

■ 420021

■ 424C47

■ 42524A

■ 42594D

■ 425F51

Harmonies

Analogous

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



38273E



422433



452426

Triad

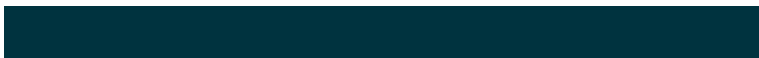
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



422433



2E2F15



00333F

Complementary

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



422433



244233

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.



003434



422433



20321C

Square

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



422433



3A2B15



0E3428



0F3045

Rectangle

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



422433



44251F



0E3428



00333C

Sweetspot

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



422433



574B51



332442



2B2428



ABABAB



2B2B2B

Same Dimension

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



422433



57273F



422424



211E1F



610030



E00070

Inverse Universe

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



422433



57273F



244242



211E1F



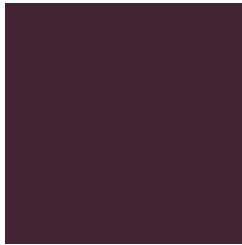
610030



E00070

Previews

White Background



This preview shows how the Hex color 422433 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

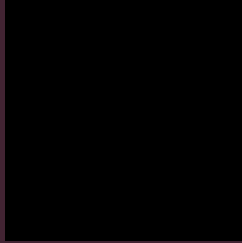
Any Text WCAG AA × Fail

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 422433 Background



This preview shows how black text looks on a background with the Hex color 422433.



This preview shows how white text looks on a background with the Hex color 422433.

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
422433

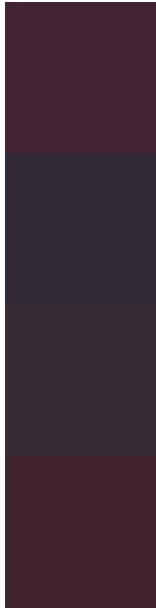
Protanopia
2B2D39

Deuteranopia
312D32



Tritanopia
412629

Trichromacy



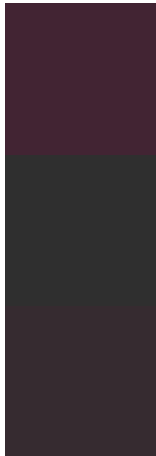
Original Color
422433

Protanomaly
332A37

Deuteranomaly
372A32

Tritanomaly
41252D

Monochromacy



Original Color
422433

Achromatopsia
2F2F2F

Achromatomaly
362B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 422433 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 #422433 looks like.

```
.text, #text, p{  
    color:#422433  
}
```

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 #422433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422433  
}
```

Border

The CSS property to change the border of an element to Hex 422433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

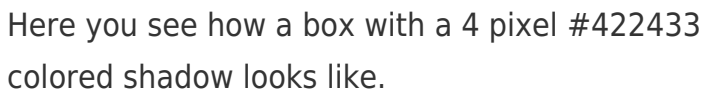
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#422433 }
```

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

```
.border{ border-color:#422433 }
```

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



Here you see how a box with a 4 pixel #422433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422433; -webkit-box-shadow:4px 4px  
4px 4px #422433; box-shadow:4px 4px 4px  
4px #422433 }
```

Background

The CSS property to change the background color of an element to Hex 422433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422433 }
```

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

```
.background{ background-color:#422433 }
```

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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