

Converting Colors

Hex(421643)

Have a look what the booklet for
Hex(421643) contains.

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Color

Hex(421643)

Conversions

Conversions Part 1

Format	Color
Hex	421643
RGB	66, 22, 67
RGB Percent	26%, 9%, 26%
CMY	0.7412, 0.9137, 0.7373
CMYK	0.01, 0.67, 0.00, 0.74
HSL	299°, 51%, 17%
HSV	299°, 67%, 26%
XYZ	3.5468, 2.1373, 5.5358
YIQ	40.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

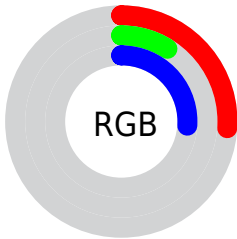
Format	Color
RYB	66, 22, 67
Decimal	4331075
CIELab	16.19, 28.33, -18.59
CIElCh	16, 33.880, 326.726
Yxy	2.1373, 0.3161, 0.1905
Android (android.graphics.Color)	4282521155 (0xFF421643)
YUV	40.2860, 13.1700, 22.5512
Hunter-Lab	14.6196, 17.7209, -12.2169

Details

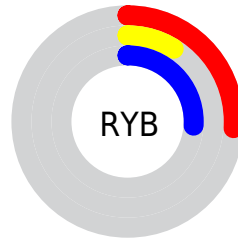
The Hex color **421643** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174316**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **744473**, and **100018** is the 20% darker color. If you saturate the color by 10%, you get **420F43**, and if you desaturate by 10%, it is **421D43**.

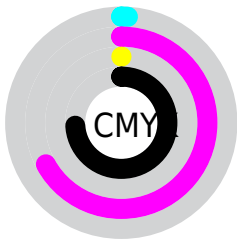
Distribution



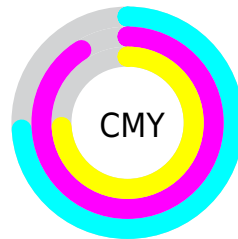
- Red (26%)
- Green (9%)
- Blue (26%)



- Red (26%)
- Yellow (9%)
- Blue (26%)



- Cyan (1%)
- Magenta (67%)
- Yellow (0%)
- Black (74%)



- Cyan (74%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421643 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 421643 by changing the saturation by 10% instead.

■ 421643

■ 421643

FFFFFF

■ 2B002D

■ 744473

■ 100018

■ 8E5D8D

■ 000000

■ A976A7

■ C490C3

■ E1ABDF

■ FDC6FB

■ FFE2FF

■ 421643

■ 421643

■ 420F43

■ 421D43

■ 420943

■ 422343

■ 420243

■ 422A43

■ 420043

■ 433143

■ 433843

■ 433E43

■ 434543

■ 434C43

■ 435243

Harmonies

Analogous

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



202354



421643



500B2C

Triad

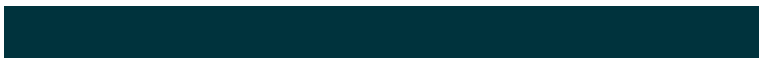
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



421643



352600



00333D

Complementary

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



421643



174316

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.



003225



421643



1F2D00

Square

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



421643



471C00



00310A



003150

Rectangle

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



421643



520C1C



00310A



003335

Sweetspot

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



421643



564557



161843



2B212B



ABABAB



2B2B2B

Same Dimension

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



421643



551057



43162E



211E21



5F0061



DB00E0

Inverse Universe

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



431617



571012



16432B



211E1E



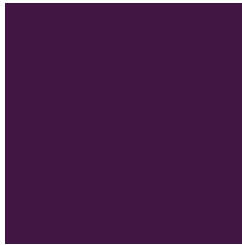
610002



E00005

Previews

White Background



This preview shows how the Hex color 421643 looks on a white background.

Color Contrast Check

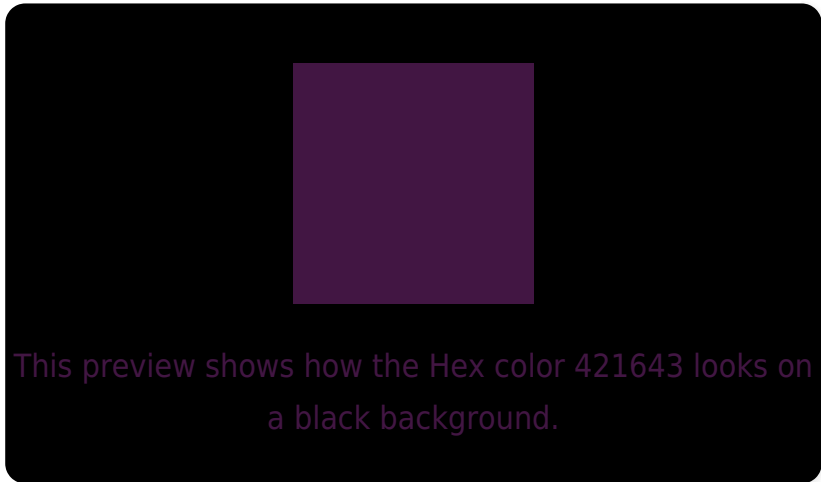
Large Text (above 18pt) WCAG AA ✓ Pass

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

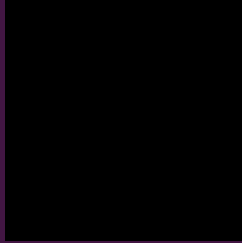
Any Text WCAG AA × Fail

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 421643 Background



This preview shows how black text looks on a background with the Hex color 421643.



This preview shows how white text looks on a background with the Hex color 421643.

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
421643

Protanopia
092854

Deuteranopia
1E2940

Trichromacy



Original Color
421643

Protanomaly
1E214E

Deuteranomaly
2B2241

Tritanomaly
3F1C2F

Monochromacy



Original Color
421643

Achromatopsia
282828

Achromatomaly
312132

CSS Examples

Text

The CSS property to change the color of the text to Hex 421643 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 #421643 looks like.

```
.text, #text, p{  
    color:#421643  
}
```

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 #421643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421643
}
```

Border

The CSS property to change the border of an element to Hex 421643 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".

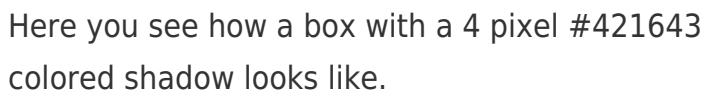
```
.border, #border, table{ border:4px solid
#421643 }
```

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

```
.border{ border-color:#421643 }
```

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

Here you see how a box with a 4 pixel #421643 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421643; -webkit-box-shadow:4px 4px  
4px 4px #421643; box-shadow:4px 4px 4px  
4px #421643 }
```

Background

The CSS property to change the background color of an element to Hex 421643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421643 }
```

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

```
.background{ background-color:#421643 }
```

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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