

Converting Colors

Hex(420539)

Have a look what the booklet for
Hex(420539) contains.

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Color

Hex(420539)

Conversions

Conversions Part 1

Format	Color
Hex	420539
RGB	66, 5, 57
RGB Percent	26%, 2%, 22%
CMY	0.7412, 0.9804, 0.7765
CMYK	0.00, 0.92, 0.14, 0.74
HSL	309°, 86%, 14%
HSV	309°, 92%, 26%
XYZ	3.0396, 1.5622, 4.0122
YIQ	29.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

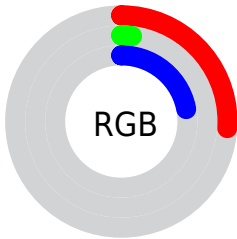
Format	Color
RYB	66, 5, 57
Decimal	4326713
CIELab	13.00, 33.71, -16.56
CIElCh	13, 37.560, 333.845
Yxy	1.5622, 0.3529, 0.1814
Android (android.graphics.Color)	4282516793 (0xFF420539)
YUV	29.1670, 13.7217, 32.3025
Hunter-Lab	12.4988, 21.5361, -10.2835




Details

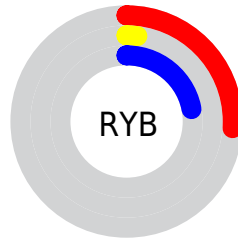
The Hex color **420539** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **05420E**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **743868**, and **04000B** is the 20% darker color. If you saturate the color by 10%, you get **420038**, and if you desaturate by 10%, it is **420C3A**.

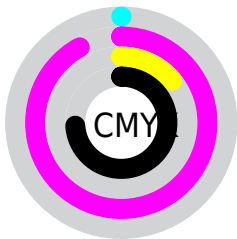
Distribution







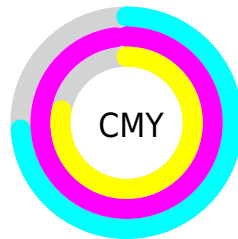
-  Red (26%)
-  Green (2%)
-  Blue (22%)






-  Red (26%)
-  Yellow (2%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (92%)
-  Yellow (14%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (98%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420539 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 420539 by changing the saturation by 10% instead.

 420539

 420539

 FFF1FF

 2C0024

 743868

 04000B

 8F5081

 000000

 AA699C

 C683B6

 E29DD2

 FFB9EE

 FFD5FF

 420539

 420539

■ 420038

■ 420C3A

■ 42123B

■ 42193C

■ 421F3D

■ 42263E

■ 422D3F

■ 423340

■ 423A41

■ 424042

Harmonies

Analogous

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



22194D



420539



4D001F

Triad

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



420539



282200



002C3E

Complementary

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



420539



05420E

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.



002D24



420539



0C2800

Square

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



420539



3C1700



002B05



002A51

Rectangle

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



420539



4C000D



002B05



002D36

Sweetspot

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



420539



573E53



0D0542



2B1D29



ABABAB



2B2B2B

Same Dimension

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



420539



57004A



42051B



211E21



610053



E000BF

Inverse Universe

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



420539



57004A



05422C



211E21



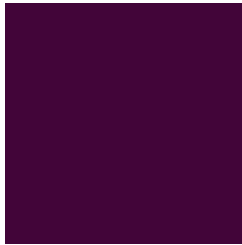
610053



E000BF

Previews

White Background



This preview shows how the Hex color 420539 looks on a white background.

Color Contrast Check

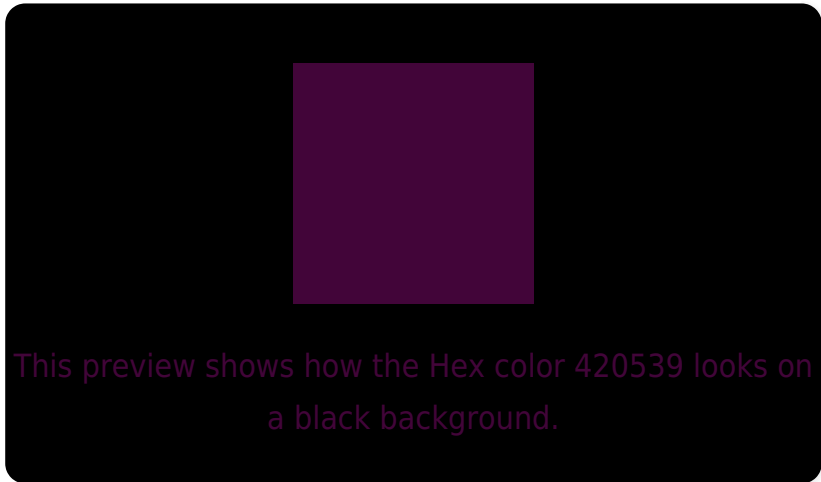
Large Text (above 18pt) WCAG AA ✓ Pass

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

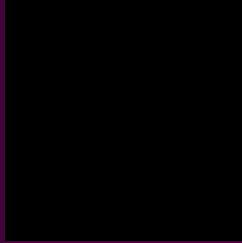
Any Text WCAG AA × Fail

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 420539 Background



This preview shows how black text looks on a background with the Hex color 420539.



This preview shows how white text looks on a background with the Hex color 420539.

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
420539

Protanopia
00234B

Deuteranopia
1E2536



Tritanopia
3F1718

Trichromacy



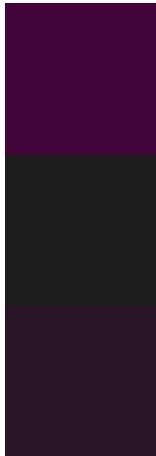
Original Color
420539

Protanomaly
181844

Deuteranomaly
2B1937

Tritanomaly
401024

Monochromacy



Original Color
420539

Achromatopsia
1D1D1D

Achromatomaly
2A1427

CSS Examples

Text

The CSS property to change the color of the text to Hex 420539 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 #420539 looks like.

```
.text, #text, p{  
    color:#420539  
}
```

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 #420539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420539
}
```

Border

The CSS property to change the border of an element to Hex 420539 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".

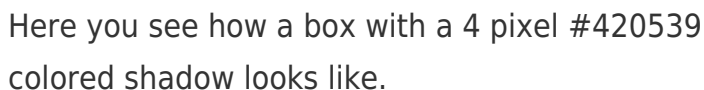
```
.border, #border, table{ border:4px solid
#420539 }
```

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

```
.border{ border-color:#420539 }
```

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

Here you see how a box with a 4 pixel #420539 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. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420539; -webkit-box-shadow:4px 4px  
4px 4px #420539; box-shadow:4px 4px 4px  
4px #420539 }
```

Background

The CSS property to change the background color of an element to Hex 420539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420539 }
```

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

```
.background{ background-color:#420539 }
```

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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