

Converting Colors

Hex(450049)

Have a look what the booklet for
Hex(450049) contains.

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Color

Hex(450049)

Conversions

Conversions Part 1

Format	Color
Hex	450049
RGB	69, 0, 73
RGB Percent	27%, 0%, 29%
CMY	0.7294, 1.0000, 0.7137
CMYK	0.05, 1.00, 0.00, 0.71
HSL	297°, 100%, 14%
HSV	297°, 100%, 29%
XYZ	3.6568, 1.7462, 6.4477
YIQ	28.9530, 17.6910, 37.3310

Conversions

Conversions Part 2

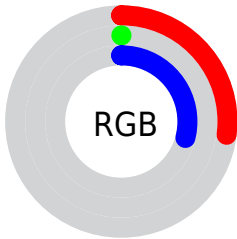
Format	Color
R_{YB}	69, 0, 73
Decimal	4522057
CIE _{Lab}	14.09, 39.08, -26.07
CIE _{LCh}	14, 46.972, 326.293
Yxy	1.7462, 0.3086, 0.1474
Android (android.graphics.Color)	4282712137 (0xFF450049)
YUV	28.9530, 21.7152, 35.1212
Hunter-Lab	13.2146, 26.2705, -19.6786

Details

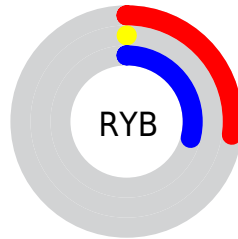
The Hex color **450049** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **044900**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **78367A**, and **10001D** is the 20% darker color. If you saturate the color by 10%, you get **450049**, and if you desaturate by 10%, it is **450749**.

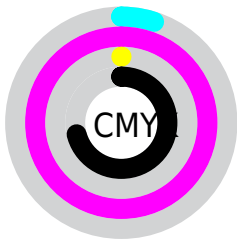
Distribution



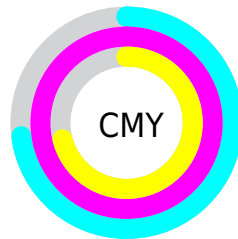
- Red (27%)
- Green (0%)
- Blue (29%)



- Red (27%)
- Yellow (0%)
- Blue (29%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (73%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450049 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 450049 by changing the saturation by 10% instead.

 450049

 450049

 FFF1FF

 2D0032

 78367A

 10001D

 934F94

 000000

 AE68AF

 CA82CA

 E79DE7

 FFB8FF

 FFD5FF

 450049

■ 450749

■ 460F49

■ 461649

■ 471D49

■ 472549

■ 472C49

■ 483349

■ 483A49

■ 494249

Harmonies

Analogous

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



031D60



450049



580029

Triad

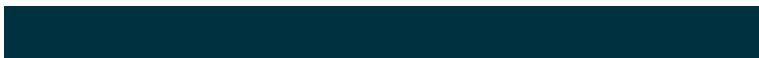
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



450049



312100



003140

Complementary

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



450049



044900

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.



00301F



450049



102A00

Square

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



450049



490F00



002E00



002F5B

Rectangle

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



450049



590014



002E00



003136

Sweetspot

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



450049



5D425E



000549



2F1F30



B0B0B0



303030

Same Dimension

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



450049



59005E



490029



242024



5E0063



D700E3

Inverse Universe

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



490004



5E0005



004920



242020



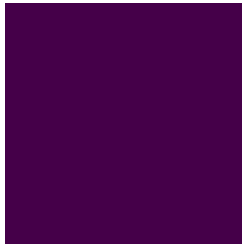
630005



E3000C

Previews

White Background



This preview shows how the Hex color 450049 looks on a white background.

Color Contrast Check

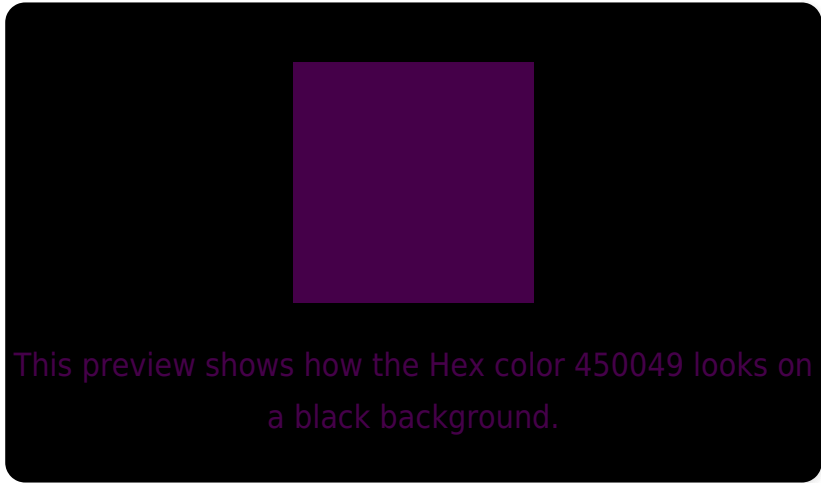
Large Text (above 18pt) WCAG AA ✓ Pass

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

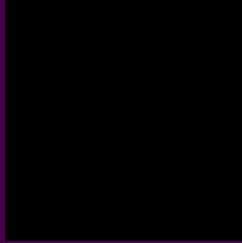
Any Text WCAG AA × Fail

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 450049 Background



This preview shows how black text looks on a background with the Hex color 450049.



This preview shows how white text looks on a background with the Hex color 450049.

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](#).

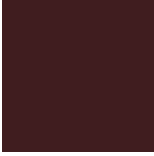
Dichromacy



Original Color
450049

Protanopia
002752

Deuteranopia
132945



Tritanopia
401D1F

Trichromacy



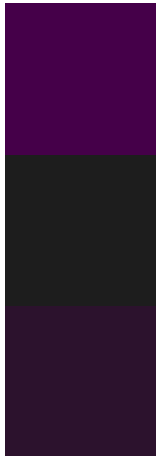
Original Color
450049

Protanomaly
19194F

Deuteranomaly
251A46

Tritanomaly
42122E

Monochromacy



Original Color
450049

Achromatopsia
1D1D1D

Achromatomaly
2C122D

CSS Examples

Text

The CSS property to change the color of the text to Hex 450049 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 #450049 looks like.

```
.text, #text, p{  
    color:#450049  
}
```

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 #450049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450049
}
```

Border

The CSS property to change the border of an element to Hex 450049 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
#450049 }
```

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

```
.border{ border-color:#450049 }
```

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

Here you see how a box with a 4 pixel #450049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450049; -webkit-box-shadow:4px 4px  
4px 4px #450049; box-shadow:4px 4px 4px  
4px #450049 }
```

Background

The CSS property to change the background color of an element to Hex 450049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450049 }
```

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

```
.background{ background-color:#450049 }
```

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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