

Converting Colors

Hex(450069)

Have a look what the booklet for
Hex(450069) contains.

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Color

Hex(450069)

Conversions

Conversions Part 1

Format	Color
Hex	450069
RGB	69, 0, 105
RGB Percent	27%, 0%, 41%
CMY	0.7294, 1.0000, 0.5882
CMYK	0.34, 1.00, 0.00, 0.59
HSL	279°, 100%, 21%
HSV	279°, 100%, 41%
XYZ	5.0040, 2.2851, 13.5419
YIQ	32.6010, 7.4190, 47.2830

Conversions

Conversions Part 2

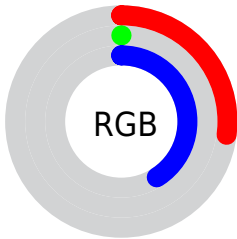
Format	Color
RYB	69, 0, 105
Decimal	4522089
CIELab	16.92, 45.51, -43.08
CIELCh	17, 62.666, 316.574
Yxy	2.2851, 0.2402, 0.1097
Android (android.graphics.Color)	4282712169 (0xFF450069)
YUV	32.6010, 35.6927, 31.9219
Hunter-Lab	15.1166, 32.6345, -42.5321

Details

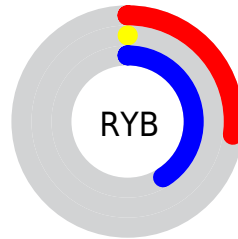
The Hex color **450069** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **246900**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7A399D**, and **130039** is the 20% darker color. If you saturate the color by 10%, you get **450069**, and if you desaturate by 10%, it is **490A69**.

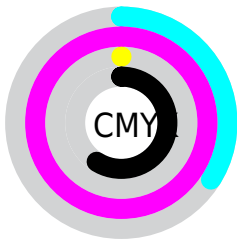
Distribution



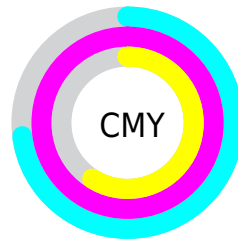
- Red (27%)
- Green (0%)
- Blue (41%)



- Red (27%)
- Yellow (0%)
- Blue (41%)



- Cyan (34%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (73%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450069 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 450069 by changing the saturation by 10% instead.

 450069

 450069

 FFF6FF

 2B0050

 7A399D

 130039

 9552B8

 000222

 B16CD4

 000008

 CD86F1

 000000

 EAA1FF

 FFBDFE

 FFD9FF

 450069

■ 490A69

■ 4C1569

■ 502069

■ 532A69

■ 573569

■ 5B3F69

■ 5E4A69

■ 625469

■ 655F69

Harmonies

Analogous

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



002983



450069



6B0040

Triad

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



450069



452000



003A43

Complementary

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



450069



246900

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.



003913



450069



1C2F00

Square

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



450069



610000



003600



003A6C

Rectangle

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



450069



710023



003600



003A33

Sweetspot

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



450069



7C608A



002569



3C2C45



C4C4C4



454545

Same Dimension

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



450069



5A008A



690059



343036



4D0075



A100F5

Inverse Universe

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



690024



8A002F



006910



363032



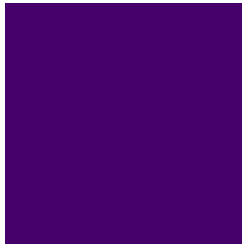
750028



F50054

Previews

White Background



This preview shows how the Hex color 450069 looks on a white background.

Color Contrast Check

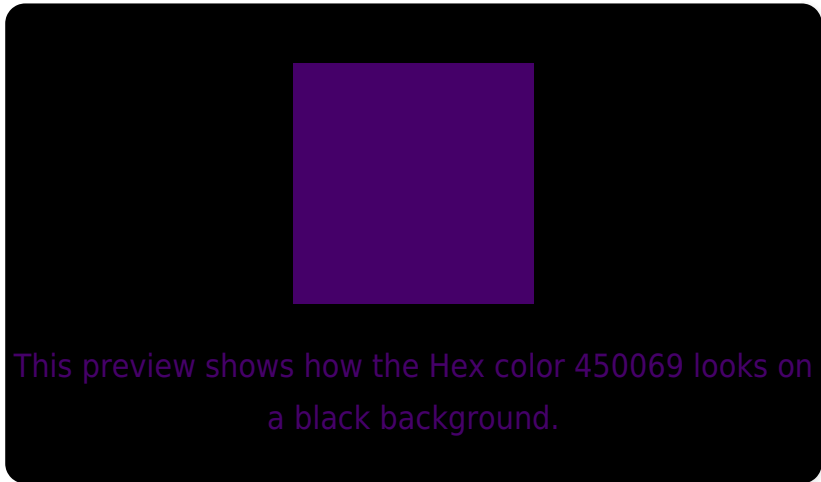
Large Text (above 18pt) WCAG AA ✓ Pass

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

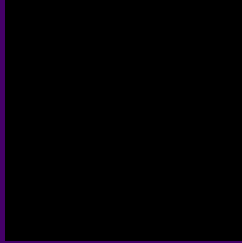
Any Text WCAG AA × Fail

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 450069 Background



This preview shows how black text looks on a background with the Hex color 450069.



This preview shows how white text looks on a background with the Hex color 450069.

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
450069

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
3A292C

Trichromacy



Original Color
450069

Protanomaly
191C61

Deuteranomaly
191E59

Tritanomaly
3E1A42

Monochromacy



Original Color
450069

Achromatopsia
212121

Achromatomaly
2E153B

CSS Examples

Text

The CSS property to change the color of the text to Hex 450069 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 #450069 looks like.

```
.text, #text, p{  
    color:#450069  
}
```

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 #450069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450069
}
```

Border

The CSS property to change the border of an element to Hex 450069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

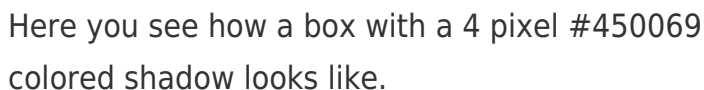
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450069 }
```

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

```
.border{ border-color:#450069 }
```

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



Here you see how a box with a 4 pixel #450069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450069; -webkit-box-shadow:4px 4px  
4px 4px #450069; box-shadow:4px 4px 4px  
4px #450069 }
```

Background

The CSS property to change the background color of an element to Hex 450069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450069 }
```

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

```
.background{ background-color:#450069 }
```

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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