

Converting Colors

Hex(450674)

Have a look what the booklet for
Hex(450674) contains.

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Color

Hex(450674)

Conversions

Conversions Part 1

Format	Color
Hex	450674
RGB	69, 6, 116
RGB Percent	27%, 2%, 45%
CMY	0.7294, 0.9765, 0.5451
CMYK	0.41, 0.95, 0.00, 0.55
HSL	274°, 90%, 24%
HSV	274°, 95%, 45%
XYZ	5.6718, 2.6564, 16.7368
YIQ	37.3770, 2.2380, 47.5660

Conversions

Conversions Part 2

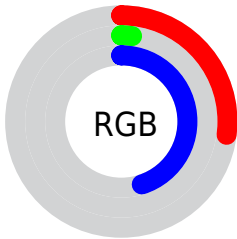
Format	Color
R_{YB}	69, 6, 116
Decimal	4523636
CIE _{Lab}	18.61, 46.20, -47.46
CIE _{LCh}	19, 66.233, 314.228
Yxy	2.6564, 0.2263, 0.1060
Android (android.graphics.Color)	4282713716 (0xFF450674)
YUV	37.3770, 38.7611, 27.7334
Hunter-Lab	16.2985, 33.5942, -49.4755




Details

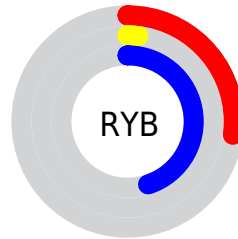
The Hex color **450674** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **357406**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **7B3DA9**, and **120043** is the 20% darker color. If you saturate the color by 10%, you get **420074**, and if you desaturate by 10%, it is **4A1274**.

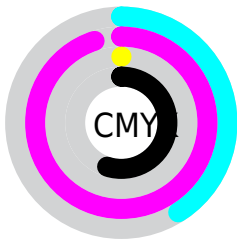
Distribution







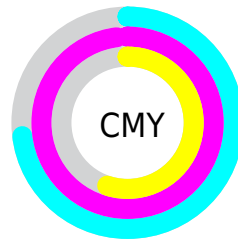
-  Red (27%)
-  Green (2%)
-  Blue (45%)






-  Red (27%)
-  Yellow (2%)
-  Blue (45%)



-  Cyan (41%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (73%)
-  Magenta (98%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450674 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 450674 by changing the saturation by 10% instead.

 450674

 450674

 FFFBFF

 2A005B

 7B3DA9

 120043

 9657C5

 00032B

 B270E1

 000116

 CF8BFE

 000000

 ECA6FF

 FFC2FF

 FFDEFF

 450674

 450674

■ 420074

■ 4A1274

■ 4F1D74

■ 542974

■ 593474

■ 5E4074

■ 634C74

■ 685774

■ 6D6374

■ 726E74

Harmonies

Analogous

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



002E8E



450674



710049

Triad

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



450674



4D2100



003E44

Complementary

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



450674



357406

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.



003D10



450674



233300

Square

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



450674



6B0000



003A00



003E71

Rectangle

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



450674



7A0029



003A00



003E33

Sweetspot

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



450674



846C96



063674



41324D



CCCCCC



4D4D4D

Same Dimension

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



450674



560096



74066D



38353B



46007A



8F00FA

Inverse Universe

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



740635



960040



06740D



3B3537



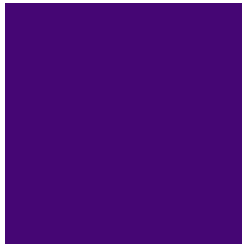
7A0034



FA006B

Previews

White Background



This preview shows how the Hex color 450674 looks on a white background.

Color Contrast Check

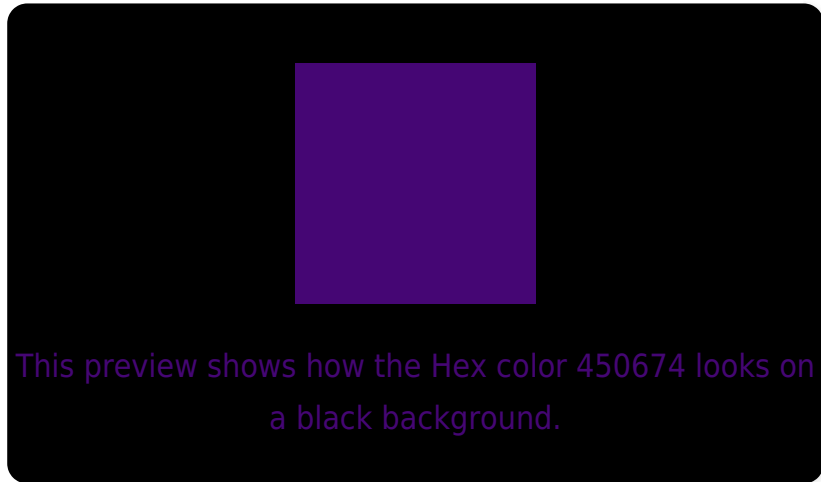
Large Text (above 18pt) WCAG AA ✓ Pass

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

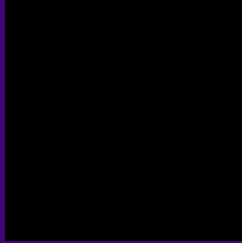
Any Text WCAG AA × Fail

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 450674 Background



This preview shows how black text looks on a background with the Hex color 450674.



This preview shows how white text looks on a background with the Hex color 450674.

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
450674

Protanopia
002E62

Deuteranopia
003154



Tritanopia
372D31

Trichromacy



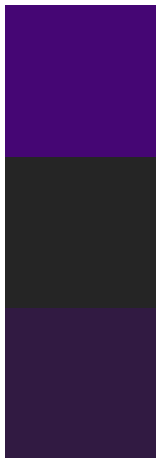
Original Color
450674

Protanomaly
191F69

Deuteranomaly
192160

Tritanomaly
3C1F49

Monochromacy



Original Color
450674

Achromatopsia
252525

Achromatomaly
311A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 450674 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 #450674 looks like.

```
.text, #text, p{  
    color:#450674  
}
```

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 #450674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450674
}
```

Border

The CSS property to change the border of an element to Hex 450674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

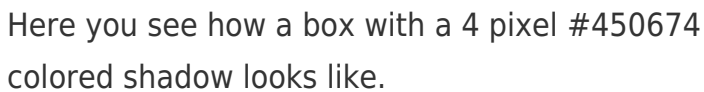
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450674 }
```

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

```
.border{ border-color:#450674 }
```

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



Here you see how a box with a 4 pixel #450674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450674; -webkit-box-shadow:4px 4px  
4px 4px #450674; box-shadow:4px 4px 4px  
4px #450674 }
```

Background

The CSS property to change the background color of an element to Hex 450674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450674 }
```

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

```
.background{ background-color:#450674 }
```

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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