

Converting Colors

Hex(450297)

Have a look what the booklet for
Hex(450297) contains.

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Color

Hex(450297)

Conversions

Conversions Part 1

Format	Color
Hex	450297
RGB	69, 2, 151
RGB Percent	27%, 1%, 59%
CMY	0.7294, 0.9922, 0.4078
CMYK	0.54, 0.99, 0.00, 0.41
HSL	267°, 97%, 30%
HSV	267°, 99%, 59%
XYZ	8.0619, 3.5430, 29.5371
YIQ	39.0190, -7.8970, 60.5430

Conversions

Conversions Part 2

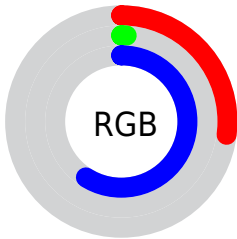
Format	Color
RYB	69, 2, 151
Decimal	4522647
CIELab	22.10, 55.47, -63.78
CIELCh	22, 84.525, 311.011
Yxy	3.5430, 0.1960, 0.0861
Android (android.graphics.Color)	4282712727 (0xFF450297)
YUV	39.0190, 55.2066, 26.2933
Hunter-Lab	18.8228, 43.5120, -79.8629

Details

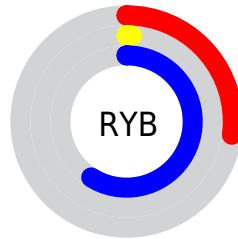
The Hex color **450297** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **549702**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7F3FCE**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **440097**, and if you desaturate by 10%, it is **4D1197**.

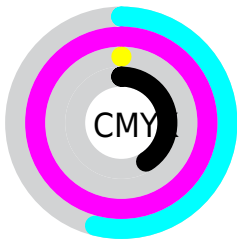
Distribution



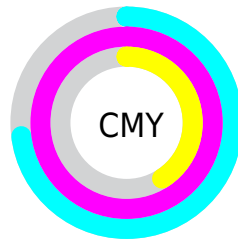
- Red (27%)
- Green (1%)
- Blue (59%)



- Red (27%)
- Yellow (1%)
- Blue (59%)



- Cyan (54%)
- Magenta (99%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (99%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450297 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 450297 by changing the saturation by 10% instead.

 450297

 450297

FFFFFF

 24007C

 7F3FCE

 000063

 9C59EB

 00004A

 B973FF

 000432

 D78EFF

 00021C

 F5AAFF

 000000

 FFC6FF

 FFE2FF

 450297

 450297

■ 440097

■ 4D1197

■ 562097

■ 5E2F97

■ 663E97

■ 6F4D97

■ 775D97

■ 7F6C97

■ 877B97

■ 908A97

Harmonies

Analogous

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



003AB6



450297



89005F

Triad

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



450297



612000



00494C

Complementary

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



450297



549702

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.



004703



450297



2C3A00

Square

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



450297



860000



004400



004A89

Rectangle

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



450297



960036



004400



004836

Sweetspot

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



450297



A489C4



025697



504063



E3E3E3



636363

Same Dimension

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



450297



5800C4



8D0297



48454D



3F008C



06000D

Inverse Universe

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



970254



C4006C



0C9702



4D4549



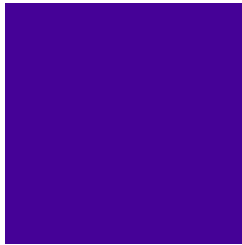
8C004D



0D0007

Previews

White Background



This preview shows how the Hex color 450297 looks on a white background.

Color Contrast Check

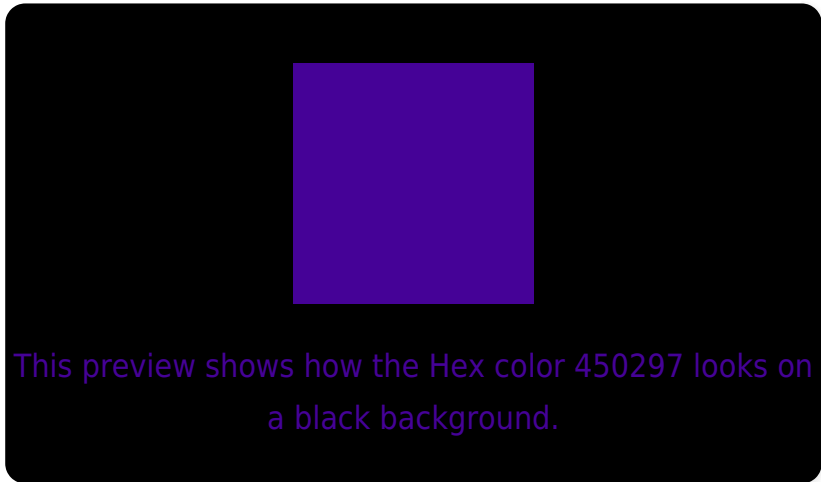
Large Text (above 18pt) WCAG AA ✓ Pass

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

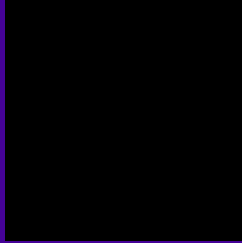
Any Text WCAG AA × Fail

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 450297 Background



This preview shows how black text looks on a background with the Hex color 450297.

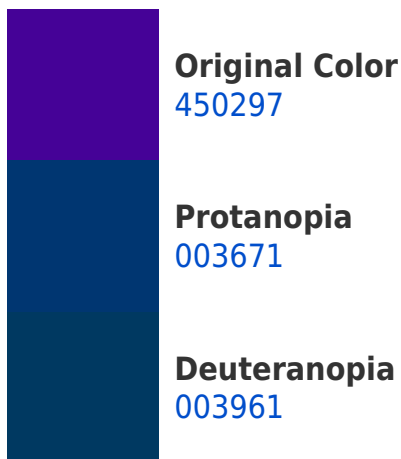


This preview shows how white text looks on a background with the Hex color 450297.

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





Tritanopia
283B3F

Trichromacy



Original Color
450297

Protanomaly
19237F

Deuteranomaly
192575

Tritanomaly
33265F

Monochromacy



Original Color
450297

Achromatopsia
272727

Achromatomaly
321A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 450297 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 #450297 looks like.

```
.text, #text, p{  
    color:#450297  
}
```

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 #450297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450297
}
```

Border

The CSS property to change the border of an element to Hex 450297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

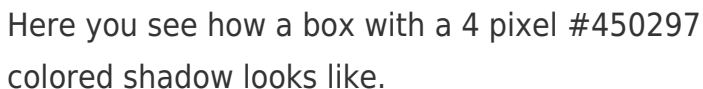
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450297 }
```

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

```
.border{ border-color:#450297 }
```

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



Here you see how a box with a 4 pixel #450297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450297; -webkit-box-shadow:4px 4px  
4px 4px #450297; box-shadow:4px 4px 4px  
4px #450297 }
```

Background

The CSS property to change the background color of an element to Hex 450297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450297 }
```

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

```
.background{ background-color:#450297 }
```

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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