

Converting Colors

Hex(451B99)

Have a look what the booklet for
Hex(451B99) contains.

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Color

Hex(451B99)

Conversions

Conversions Part 1

Format	Color
Hex	451B99
RGB	69, 27, 153
RGB Percent	27%, 11%, 60%
CMY	0.7294, 0.8941, 0.4000
CMYK	0.55, 0.82, 0.00, 0.40
HSL	260°, 70%, 35%
HSV	260°, 82%, 60%
XYZ	8.5959, 4.3490, 30.5234
YIQ	53.9220, -15.4140, 48.0900

Conversions

Conversions Part 2

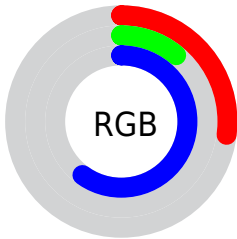
Format	Color
R_{YB}	69, 27, 153
Decimal	4529049
CIE _{Lab}	24.79, 48.60, -60.56
CIE _{LCh}	25, 77.652, 308.748
Yxy	4.3490, 0.1978, 0.1000
Android (android.graphics.Color)	4282719129 (0xFF451B99)
YUV	53.9220, 48.8455, 13.2234
Hunter-Lab	20.8542, 37.0814, -72.1821

Details

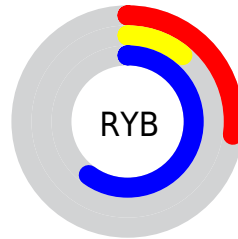
The Hex color **451B99** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6F991B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7E4DD0**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **3B0C99**, and if you desaturate by 10%, it is **4F2A99**.

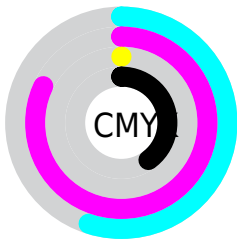
Distribution



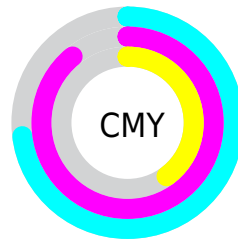
- Red (27%)
- Green (11%)
- Blue (60%)



- Red (27%)
- Yellow (11%)
- Blue (60%)



- Cyan (55%)
- Magenta (82%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451B99 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 451B99 by changing the saturation by 10% instead.

 451B99

 451B99

FFFFFF

 25007E

 7E4DD0

 000065

 9B67ED

 00004C

 B881FF

 000434

 D59BFF

 00021E

 F3B7FF

 000000

 FFD3FF

 FFF0FF

 451B99

 451B99

■ 3B0C99

■ 4F2A99

■ 330099

■ 593A99

■ 644999

■ 6E5899

■ 786899

■ 827799

■ 8C8699

■ 979599

■ A1A599

Harmonies

Analogous

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



0040B3



451B99



880067

Triad

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



451B99



692600



004F4B

Complementary

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



451B99



6F991B

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.



004D08



451B99



3A3F00

Square

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



451B99



8B0000



004900



005085

Rectangle

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



451B99



970040



004900



004E37

Sweetspot

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



451B99



A695C7



1B6F99



504663



E3E3E3



636363

Same Dimension

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



451B99



4402C7



841B99



47454D



2F008C



04000D

Inverse Universe

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



991B6F



C70285



30991B



4D454A



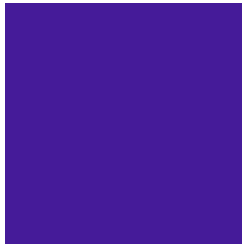
8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 451B99 looks on a white background.

Color Contrast Check

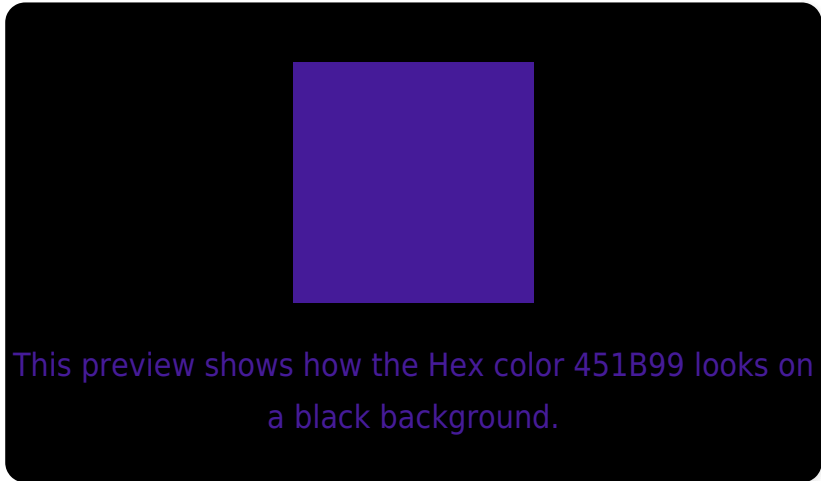
Large Text (above 18pt) WCAG AA ✓ Pass

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

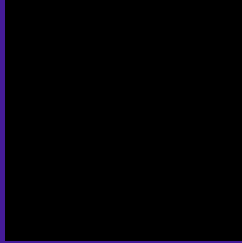
Any Text WCAG AA × Fail

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 451B99 Background



This preview shows how black text looks on a background with the Hex color 451B99.

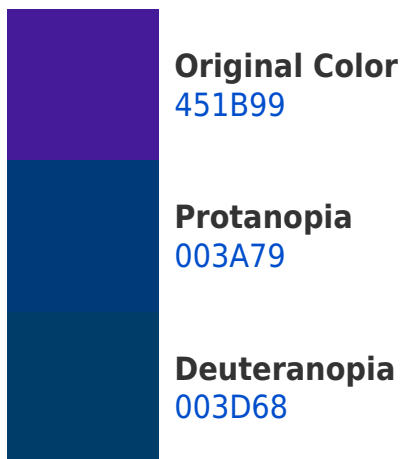


This preview shows how white text looks on a background with the Hex color 451B99.

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
283F45

Trichromacy



Original Color
451B99

Protanomaly
192F85

Deuteranomaly
19317A

Tritanomaly
333264

Monochromacy



Original Color
451B99

Achromatopsia
363636

Achromatomaly
3B2C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 451B99 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 #451B99 looks like.

```
.text, #text, p{  
    color:#451B99  
}
```

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 #451B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451B99
}
```

Border

The CSS property to change the border of an element to Hex 451B99 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".

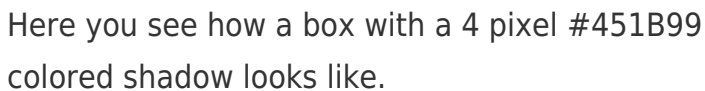
```
.border, #border, table{ border:4px solid
#451B99 }
```

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

```
.border{ border-color:#451B99 }
```

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

Here you see how a box with a 4 pixel #451B99 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451B99; -webkit-box-shadow:4px 4px  
4px 4px #451B99; box-shadow:4px 4px 4px  
4px #451B99 }
```

Background

The CSS property to change the background color of an element to Hex 451B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451B99 }
```

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

```
.background{ background-color:#451B99 }
```

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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