

Converting Colors

Hex(451149)

Have a look what the booklet for
Hex(451149) contains.

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Color

Hex(451149)

Conversions

Conversions Part 1

Format	Color
Hex	451149
RGB	69, 17, 73
RGB Percent	27%, 7%, 29%
CMY	0.7294, 0.9333, 0.7137
CMYK	0.05, 0.77, 0.00, 0.71
HSL	296°, 62%, 18%
HSV	296°, 77%, 29%
XYZ	3.8573, 2.1471, 6.5145
YIQ	38.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

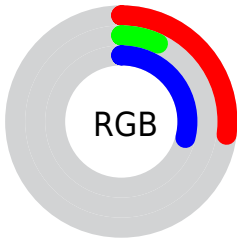
Format	Color
R_{YB}	69, 17, 73
Decimal	4526409
CIE _{Lab}	16.24, 32.85, -22.63
CIE _{LCh}	16, 39.896, 325.434
Yxy	2.1471, 0.3081, 0.1715
Android (android.graphics.Color)	4282716489 (0xFF451149)
YUV	38.9320, 16.7955, 26.3696
Hunter-Lab	14.6531, 21.3453, -16.1018

Details

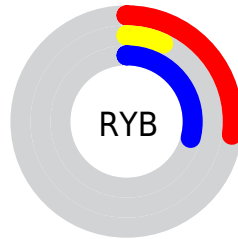
The Hex color **451149** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **154911**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **77417A**, and **15001D** is the 20% darker color. If you saturate the color by 10%, you get **440A49**, and if you desaturate by 10%, it is **461849**.

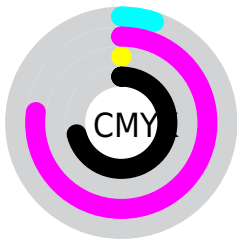
Distribution



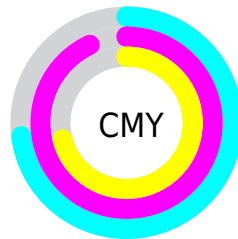
- Red (27%)
- Green (7%)
- Blue (29%)



- Red (27%)
- Yellow (7%)
- Blue (29%)



- Cyan (5%)
- Magenta (77%)
- Yellow (0%)
- Black (71%)



- Cyan (73%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451149 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 451149 by changing the saturation by 10% instead.

 451149

 451149

 FFFCFF

 2D0032

 77417A

 15001D

 925994

 000000

 AD73AF

 C98DCA

 E5A8E6

 FFC3FF

 FFDFFF

 451149

 451149

■ 440A49

■ 461849

■ 440249

■ 462049

■ 440049

■ 472749

■ 472E49

■ 483549

■ 483D49

■ 494449

■ 494B49

■ 4A5349

Harmonies

Analogous

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



17235C



451149



56002E

Triad

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



451149



372600



003440

Complementary

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



451149



154911

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.



003423



451149



1C2E00

Square

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



451149



4B1800



003200



003357

Rectangle

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



451149



58001B



003200



003437

Sweetspot

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



451149



5D495E



111649



2F2330



B0B0B0



303030

Same Dimension

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



451149



58085E



491132



232024



5C0063



D300E3

Inverse Universe

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



491115



5E080E



114928



242020



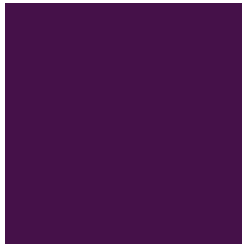
630007



E30010

Previews

White Background



This preview shows how the Hex color 451149 looks on a white background.

Color Contrast Check

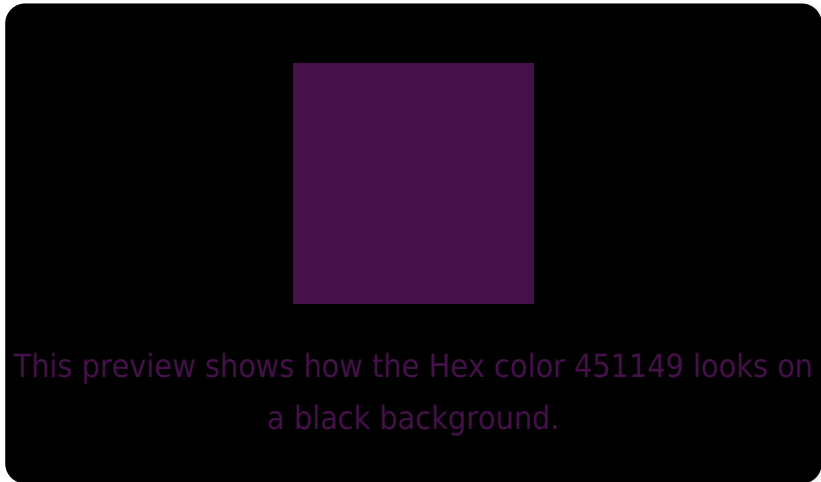
Large Text (above 18pt) WCAG AA ✓ Pass

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

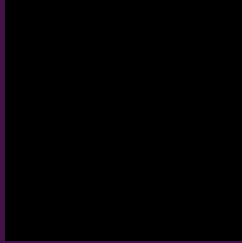
Any Text WCAG AA × Fail

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 451149 Background



This preview shows how black text looks on a background with the Hex color 451149.



This preview shows how white text looks on a background with the Hex color 451149.

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
451149

Protanopia
002956

Deuteranopia
192A45

Trichromacy



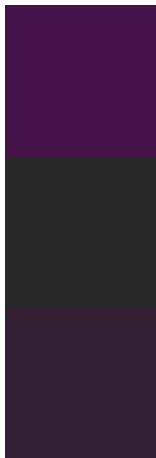
Original Color
451149

Protanomaly
192051

Deuteranomaly
292146

Tritanomaly
421B30

Monochromacy



Original Color
451149

Achromatopsia
272727

Achromatomaly
321F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 451149 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 #451149 looks like.

```
.text, #text, p{  
    color:#451149  
}
```

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 #451149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451149
}
```

Border

The CSS property to change the border of an element to Hex 451149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

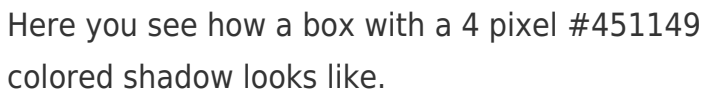
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451149 }
```

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

```
.border{ border-color:#451149 }
```

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



Here you see how a box with a 4 pixel #451149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451149; -webkit-box-shadow:4px 4px  
4px 4px #451149; box-shadow:4px 4px 4px  
4px #451149 }
```

Background

The CSS property to change the background color of an element to Hex 451149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451149 }
```

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

```
.background{ background-color:#451149 }
```

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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