

Converting Colors

Hex(451051)

Have a look what the booklet for
Hex(451051) contains.

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Color

Hex(451051)

Conversions

Conversions Part 1

Format	Color
Hex	451051
RGB	69, 16, 81
RGB Percent	27%, 6%, 32%
CMY	0.7294, 0.9373, 0.6824
CMYK	0.15, 0.80, 0.00, 0.68
HSL	289°, 67%, 19%
HSV	289°, 80%, 32%
XYZ	4.1247, 2.2299, 7.9976
YIQ	39.2570, 10.7230, 31.4510

Conversions

Conversions Part 2

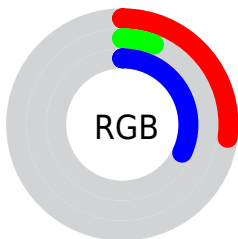
Format	Color
RYB	69, 16, 81
Decimal	4526161
CIELab	16.65, 34.97, -27.47
CIELCh	17, 44.469, 321.857
Yxy	2.2299, 0.2874, 0.1554
Android (android.graphics.Color)	4282716241 (0xFF451051)
YUV	39.2570, 20.5793, 26.0846
Hunter-Lab	14.9328, 23.1731, -21.3012

Details

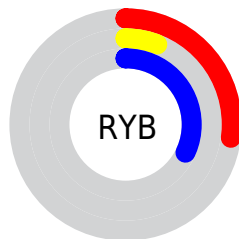
The Hex color **451051** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C5110**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **784183**, and **160024** is the 20% darker color. If you saturate the color by 10%, you get **440851**, and if you desaturate by 10%, it is **461851**.

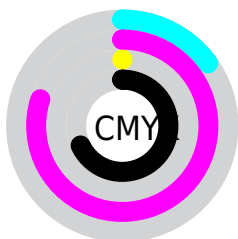
Distribution



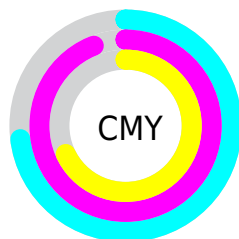
- Red (27%)
- Green (6%)
- Blue (32%)



- Red (27%)
- Yellow (6%)
- Blue (32%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)
- Black (68%)



- Cyan (73%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451051 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 451051 by changing the saturation by 10% instead.

 451051

 451051

 FFFCFF

 2D003A

 784183

 160024

 92599D

 00000B

 AD73B8

 000000

 C98DD4

 E6A8F0

 FFC3FF

 FFDFFF

 451051

 451051

■ 440851

■ 461851

■ 420051

■ 482051

■ 492851

■ 4B3051

■ 4C3951

■ 4E4151

■ 4F4951

■ 515151

■ 525951

Harmonies

Analogous

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



002565



451051



5B0033

Triad

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



451051



3B2500



003640

Complementary

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



451051



1C5110

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.



00351F



451051



1E2E00

Square

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



451051



511400



003300



00355B

Rectangle

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



451051



5E001E



003300



003635

Sweetspot

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



451051



644F69



101D51



332636



B5B5B5



363636

Same Dimension

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



451051



560469



51103E



282529



550069



BD00E8

Inverse Universe

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



51101C



690417



105124



292525



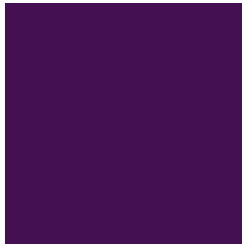
690013



E8002B

Previews

White Background



This preview shows how the Hex color 451051 looks on a white background.

Color Contrast Check

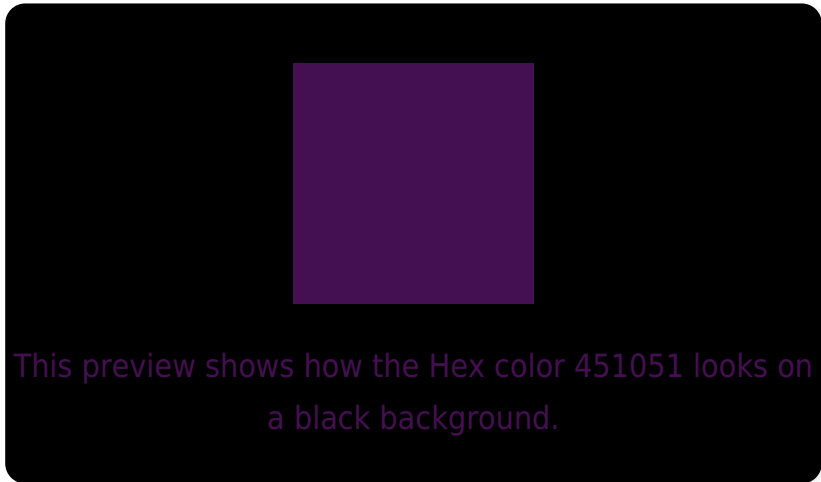
Large Text (above 18pt) WCAG AA ✓ Pass

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

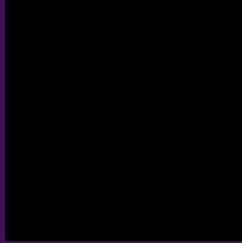
Any Text WCAG AA × Fail

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 451051 Background



This preview shows how black text looks on a background with the Hex color 451051.



This preview shows how white text looks on a background with the Hex color 451051.

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
451051

Protanopia
002958

Deuteranopia
0B2C4D



Tritanopia
3F2225

Trichromacy



Original Color
451051

Protanomaly
192055

Deuteranomaly
20224E

Tritanomaly
411B35

Monochromacy



Original Color
451051

Achromatopsia
272727

Achromatomaly
321F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 451051 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 #451051 looks like.

```
.text, #text, p{  
    color:#451051  
}
```

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 #451051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451051
}
```

Border

The CSS property to change the border of an element to Hex 451051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

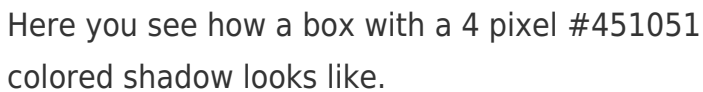
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451051 }
```

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

```
.border{ border-color:#451051 }
```

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



Here you see how a box with a 4 pixel #451051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451051; -webkit-box-shadow:4px 4px  
4px 4px #451051; box-shadow:4px 4px 4px  
4px #451051 }
```

Background

The CSS property to change the background color of an element to Hex 451051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451051 }
```

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

```
.background{ background-color:#451051 }
```

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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