

Converting Colors

Hex(460339)

Have a look what the booklet for
Hex(460339) contains.

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Color

Hex(460339)

Conversions

Conversions Part 1

Format	Color
Hex	460339
RGB	70, 3, 57
RGB Percent	27%, 1%, 22%
CMY	0.7255, 0.9882, 0.7765
CMYK	0.00, 0.96, 0.19, 0.73
HSL	312°, 92%, 14%
HSV	312°, 96%, 27%
XYZ	3.2969, 1.6626, 4.0180
YIQ	29.1890, 22.5980, 30.9980

Conversions

Conversions Part 2

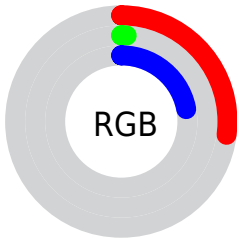
Format	Color
RYB	70, 3, 57
Decimal	4588345
CIELab	13.61, 35.45, -15.54
CIELCh	14, 38.706, 336.329
Yxy	1.6626, 0.3672, 0.1852
Android (android.graphics.Color)	4282778425 (0xFF460339)
YUV	29.1890, 13.7108, 35.7912
Hunter-Lab	12.8943, 23.0747, -9.4497

Details

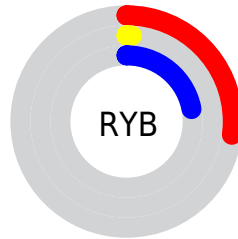
The Hex color **460339** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **034610**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **793768**, and **0F000B** is the 20% darker color. If you saturate the color by 10%, you get **460038**, and if you desaturate by 10%, it is **460A3A**.

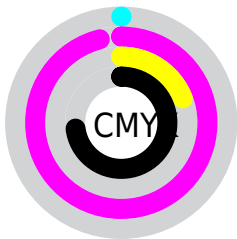
Distribution



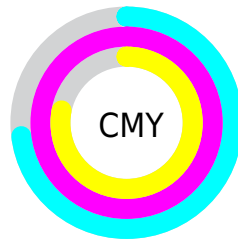
- Red (27%)
- Green (1%)
- Blue (22%)



- Red (27%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (96%)
- Yellow (19%)
- Black (73%)



- Cyan (73%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 460339 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 460339 by changing the saturation by 10% instead.

 460339

 460339

 FFF2FF

 2F0023

 793768

 0F000B

 945081

 000000

 AF699C

 CB83B6

 E89ED2

 FFB9EE

 FFD5FF

 460339

 460339

■ 460038

■ 460A3A

■ 46113C

■ 46183D

■ 461F3E

■ 462640

■ 462D41

■ 463443

■ 463B44

■ 464245

Harmonies

Analogous

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



28184F



460339



50001E

Triad

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



460339



272400



002E42

Complementary

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



460339



034610

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.



002E28



460339



092A00

Square

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



460339



3D1900



002D09



002B55

Rectangle

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



460339



4F000A



002D09



002E3A

Sweetspot

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



460339



5C4157



0F0346



2E1E2B



ADADAD



2E2E2E

Same Dimension

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



460339



5C004A



460318



242023



630050



E300B7

Inverse Universe

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



460339



5C004A



034631



242023



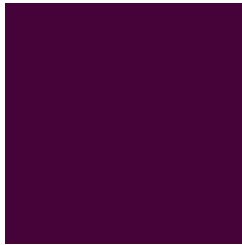
630050



E300B7

Previews

White Background



This preview shows how the Hex color 460339 looks on a white background.

Color Contrast Check

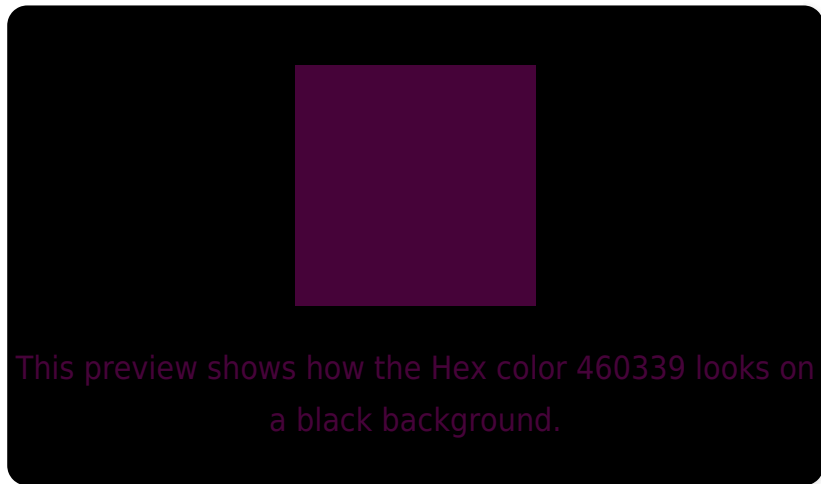
Large Text (above 18pt) WCAG AA ✓ Pass

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

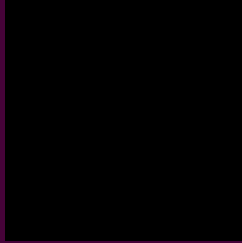
Any Text WCAG AA × Fail

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 460339 Background



This preview shows how black text looks on a background with the Hex color 460339.



This preview shows how white text looks on a background with the Hex color 460339.

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
460339

Protanopia
00254F

Deuteranopia
222635



Tritanopia
431718

Trichromacy



Original Color
460339

Protanomaly
191947

Deuteranomaly
2F1936

Tritanomaly
441024

Monochromacy



Original Color
460339

Achromatopsia
1D1D1D

Achromatomaly
2C1427

CSS Examples

Text

The CSS property to change the color of the text to Hex 460339 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 #460339 looks like.

```
.text, #text, p{  
    color:#460339  
}
```

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 #460339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460339
}
```

Border

The CSS property to change the border of an element to Hex 460339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

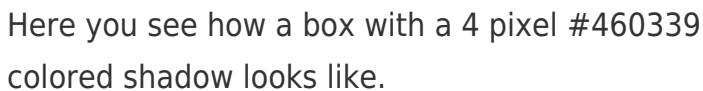
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#460339 }
```

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

```
.border{ border-color:#460339 }
```

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



Here you see how a box with a 4 pixel #460339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460339; -webkit-box-shadow:4px 4px  
4px 4px #460339; box-shadow:4px 4px 4px  
4px #460339 }
```

Background

The CSS property to change the background color of an element to Hex 460339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460339 }
```

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

```
.background{ background-color:#460339 }
```

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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