

Converting Colors

Hex(431446)

Have a look what the booklet for
Hex(431446) contains.

Hex(431446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(431446)

Conversions

Conversions Part 1

Format	Color
Hex	431446
RGB	67, 20, 70
RGB Percent	26%, 8%, 27%
CMY	0.7373, 0.9216, 0.7255
CMYK	0.04, 0.71, 0.00, 0.73
HSL	296°, 56%, 18%
HSV	296°, 71%, 27%
XYZ	3.6704, 2.1358, 6.0132
YIQ	39.7530, 11.9620, 25.5140

Conversions

Conversions Part 2

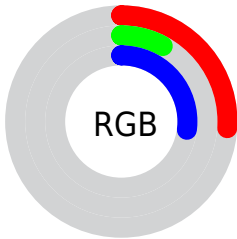
Format	Color
RYB	67, 20, 70
Decimal	4396102
CIELab	16.18, 30.28, -20.67
CIELCh	16, 36.662, 325.676
Yxy	2.1358, 0.3105, 0.1807
Android (android.graphics.Color)	4282586182 (0xFF431446)
YUV	39.7530, 14.9118, 23.8956
Hunter-Lab	14.6144, 19.2549, -14.1651

Details

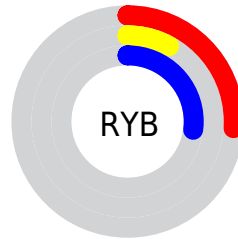
The Hex color **431446** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174614**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **754377**, and **12001A** is the 20% darker color. If you saturate the color by 10%, you get **430D46**, and if you desaturate by 10%, it is **431B46**.

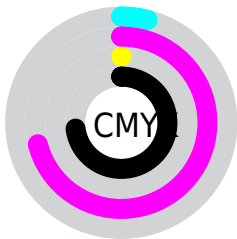
Distribution



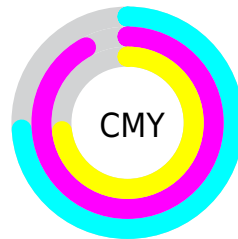
- Red (26%)
- Green (8%)
- Blue (27%)



- Red (26%)
- Yellow (8%)
- Blue (27%)



- Cyan (4%)
- Magenta (71%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431446 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 431446 by changing the saturation by 10% instead.

■ 431446

■ 431446

FFFEFF

■ 2C002F

■ 754377

■ 12001A

■ 8F5B90

■ 000000

■ AA74AB

■ C68EC6

■ E2A9E2

■ FFC5FF

■ FFE1FF

■ 431446

■ 431446

■ 430D46

■ 431B46

■ 420646

■ 442246

■ 420046

■ 442946

■ 453046

■ 453746

■ 463E46

■ 464546

■ 464C46

■ 475346

Harmonies

Analogous

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



1B2358



431446



53052D

Triad

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



431446



362600



00333E

Complementary

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



431446



174614

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.



003323



431446



1E2D00

Square

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



431446



491A00



003105



003253

Rectangle

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



431446



55061C



003105



003336

Sweetspot

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



431446



5B495C



141746



2D222E



ADADAD



2E2E2E

Same Dimension

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



431446



570D5C



461430



232024



5D0063



D500E3

Inverse Universe

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



461417



5C0D12



14462A



242020



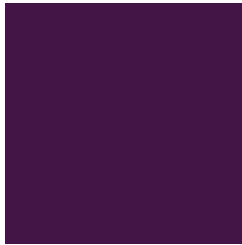
630006



E3000E

Previews

White Background



This preview shows how the Hex color 431446 looks on a white background.

Color Contrast Check

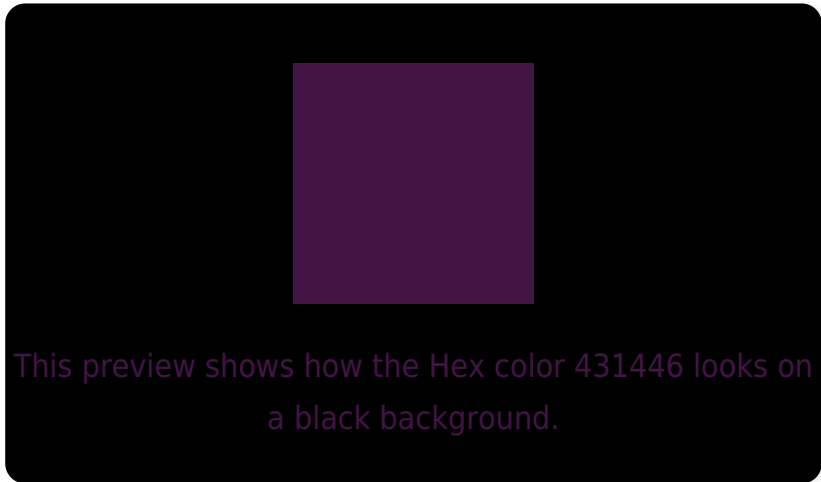
Large Text (above 18pt) WCAG AA ✓ Pass

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

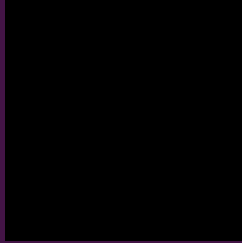
Any Text WCAG AA × Fail

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 431446 Background



This preview shows how black text looks on a background with the Hex color 431446.



This preview shows how white text looks on a background with the Hex color 431446.

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
431446

Protanopia
002855

Deuteranopia
1B2A43

Trichromacy



Original Color
431446

Protanomaly
182150

Deuteranomaly
2A2244

Tritanomaly
401C30

Monochromacy



Original Color
431446

Achromatopsia
282828

Achromatomaly
322133

CSS Examples

Text

The CSS property to change the color of the text to Hex 431446 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 #431446 looks like.

```
.text, #text, p{  
    color:#431446  
}
```

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 #431446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431446
}
```

Border

The CSS property to change the border of an element to Hex 431446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

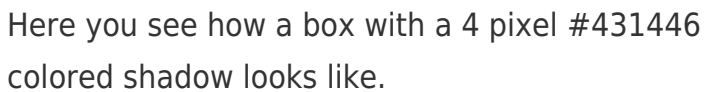
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431446 }
```

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

```
.border{ border-color:#431446 }
```

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



Here you see how a box with a 4 pixel #431446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431446; -webkit-box-shadow:4px 4px  
4px 4px #431446; box-shadow:4px 4px 4px  
4px #431446 }
```

Background

The CSS property to change the background color of an element to Hex 431446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431446 }
```

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

```
.background{ background-color:#431446 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor