

Converting Colors

Hex(431046)

Have a look what the booklet for
Hex(431046) contains.

Hex(431046)	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(431046)

Conversions

Conversions Part 1

Format	Color
Hex	431046
RGB	67, 16, 70
RGB Percent	26%, 6%, 27%
CMY	0.7373, 0.9373, 0.7255
CMYK	0.04, 0.77, 0.00, 0.73
HSL	297°, 63%, 17%
HSV	297°, 77%, 27%
XYZ	3.6055, 2.0061, 5.9915
YIQ	37.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

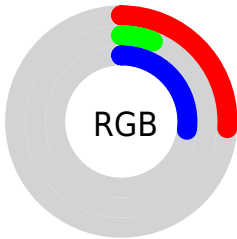
Format	Color
RYB	67, 16, 70
Decimal	4395078
CIELab	15.52, 32.14, -21.73
CIELCh	16, 38.799, 325.942
Yxy	2.0061, 0.3107, 0.1729
Android (android.graphics.Color)	4282585158 (0xFF431046)
YUV	37.4050, 16.0693, 25.9548
Hunter-Lab	14.1636, 20.6532, -15.1666

Details

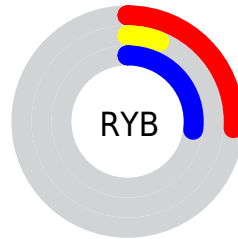
The Hex color **431046** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **134610**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **754077**, and **10001A** is the 20% darker color. If you saturate the color by 10%, you get **430946**, and if you desaturate by 10%, it is **431746**.

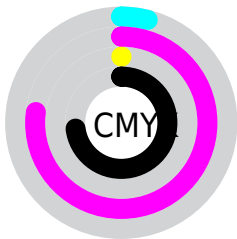
Distribution



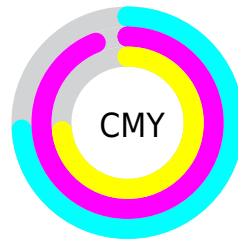
- Red (26%)
- Green (6%)
- Blue (27%)



- Red (26%)
- Yellow (6%)
- Blue (27%)



- Cyan (4%)
- Magenta (77%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (94%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431046 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 431046 by changing the saturation by 10% instead.

 431046

 431046

 FFFBFF

 2C002F

 754077

 10001A

 8F5890

 000000

 AB71AB

 C68BC6

 E3A6E3

 FFC2FF

 FFDEFF

 431046

 431046

■ 430946

■ 431746

■ 420246

■ 441E46

■ 420046

■ 442546

■ 452C46

■ 453346

■ 453A46

■ 464146

■ 464846

■ 474F46

Harmonies

Analogous

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



182159



431046



54002C

Triad

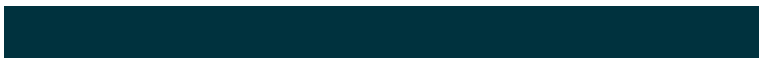
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



431046



342400



00323E

Complementary

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



431046



134610

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.



003222



431046



1A2C00

Square

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



431046



481700



003000



003154

Rectangle

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



431046



55001A



003000



003235

Sweetspot

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



431046



5B475C



101446



2D212E



ADADAD



2E2E2E

Same Dimension

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



431046



57065C



46102F



242024



5E0063



D600E3

Inverse Universe

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



461013



5C060B



104627



242020



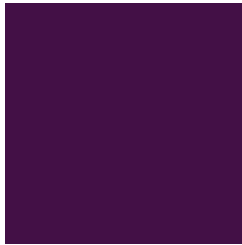
630006



E3000D

Previews

White Background



This preview shows how the Hex color 431046 looks on a white background.

Color Contrast Check

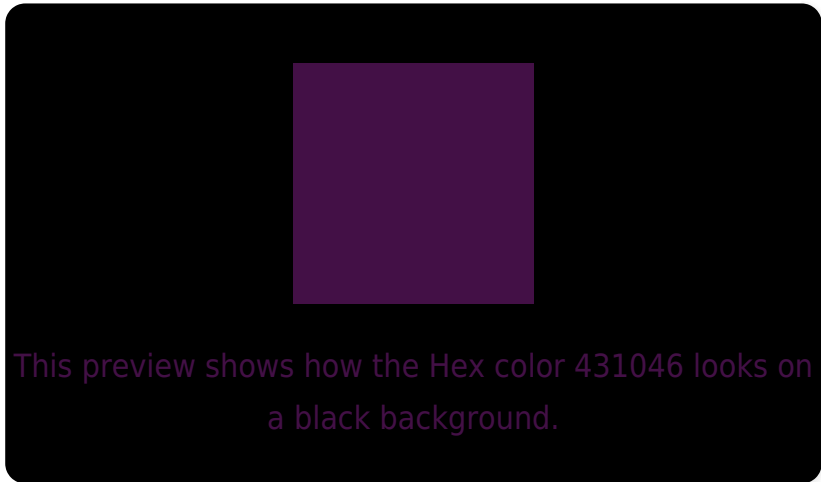
Large Text (above 18pt) WCAG AA ✓ Pass

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

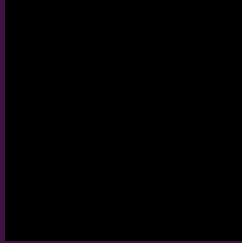
Any Text WCAG AA × Fail

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 431046 Background



This preview shows how black text looks on a background with the Hex color 431046.



This preview shows how white text looks on a background with the Hex color 431046.

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
431046

Protanopia
002753

Deuteranopia
192942

Trichromacy



Original Color
431046

Protanomaly
181F4E

Deuteranomaly
282043

Tritanomaly
40192E

Monochromacy



Original Color
431046

Achromatopsia
252525

Achromatomaly
301D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 431046 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 #431046 looks like.

```
.text, #text, p{  
    color:#431046  
}
```

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 #431046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431046
}
```

Border

The CSS property to change the border of an element to Hex 431046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

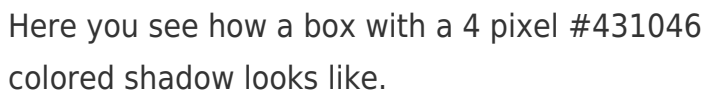
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431046 }
```

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

```
.border{ border-color:#431046 }
```

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



Here you see how a box with a 4 pixel #431046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431046; -webkit-box-shadow:4px 4px  
4px 4px #431046; box-shadow:4px 4px 4px  
4px #431046 }
```

Background

The CSS property to change the background color of an element to Hex 431046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431046 }
```

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

```
.background{ background-color:#431046 }
```

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