

Converting Colors

Hex(431A00)

Have a look what the booklet for
Hex(431A00) contains.

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Color

Hex(431A00)

Conversions

Conversions Part 1

Format	Color
Hex	431A00
RGB	67, 26, 0
RGB Percent	26%, 10%, 0%
CMY	0.7373, 0.8980, 1.0000
CMYK	0.00, 0.61, 1.00, 0.74
HSL	23°, 100%, 13%
HSV	23°, 100%, 26%
XYZ	2.6841, 1.9321, 0.2315
YIQ	35.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

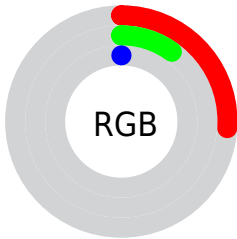
Format	Color
R_{YB}	67, 42, 0
Decimal	4397568
CIE _{Lab}	15.13, 18.10, 22.77
CIE _{LCh}	15, 29.084, 51.526
Yxy	1.9321, 0.5537, 0.3986
Android (android.graphics.Color)	4282587648 (0xFF431A00)
YUV	35.2950, -17.4004, 27.8053
Hunter-Lab	13.8999, 10.1442, 8.7427

Details

The Hex color **431A00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002943**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **77472F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **431A00**, and if you desaturate by 10%, it is **431E07**.

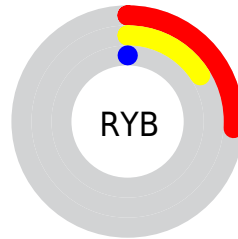
Distribution



Red (26%)

Green (10%)

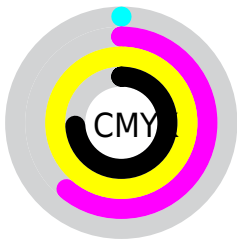
Blue (0%)



Red (26%)

Yellow (16%)

Blue (0%)

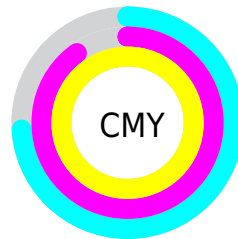


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431A00 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 431A00 by changing the saturation by 10% instead.

 431A00

 431A00

 FFFFE2

 2A0400

 77472F

 000000

 925F46

 AE775E

 CA9176

 E7AC90

 FFC7AB

 FFE3C6

 431A00

■ 431E07

■ 43220D

■ 432614

■ 432A1B

■ 432F22

■ 433328

■ 43372F

■ 433B36

■ 433F3C

Harmonies

Analogous

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



4A1118



431A00



352300

Triad

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



431A00



002F1F



19234C

Complementary

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



431A00



002943

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.



002A4F



431A00



002F34

Square

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



431A00



052D08



002E46



391940

Rectangle

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



431A00



292700



002E46



01264E

Sweetspot

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



431A00



57473D



430029



2B221C



ABABAB



2B2B2B

Same Dimension

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



431A00



572200



433B00



211F1E



612600



E05700

Inverse Universe

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



002943



003557



000843



1E2021



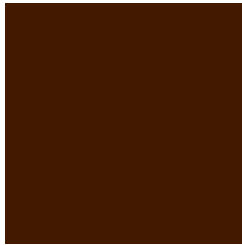
003B61



0089E0

Previews

White Background



This preview shows how the Hex color 431A00 looks on a white background.

Color Contrast Check

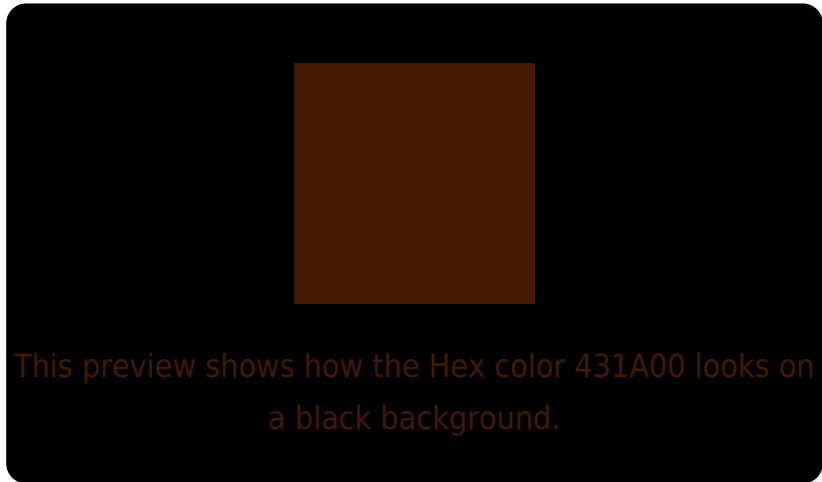
Large Text (above 18pt) WCAG AA ✓ Pass

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

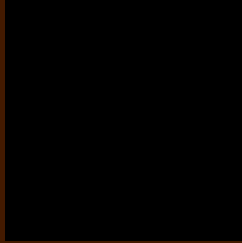
Any Text WCAG AA × Fail

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 431A00 Background



This preview shows how black text looks on a background with the Hex color 431A00.

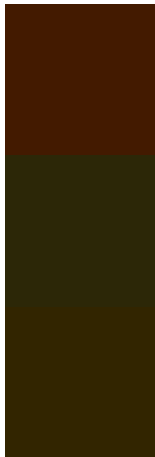


This preview shows how white text looks on a background with the Hex color 431A00.

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
431A00

Protanopia
2C2707

Deuteranopia
322500



Tritanopia
44181A

Trichromacy



Original Color
431A00

Protanomaly
342204

Deuteranomaly
382100

Tritanomaly
441911

Monochromacy



Original Color
431A00

Achromatopsia
232323

Achromatomaly
2F2016

CSS Examples

Text

The CSS property to change the color of the text to Hex 431A00 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 #431A00 looks like.

```
.text, #text, p{  
    color:#431A00  
}
```

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 #431A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431A00
}
```

Border

The CSS property to change the border of an element to Hex 431A00 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
#431A00 }
```

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

```
.border{ border-color:#431A00 }
```

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

Here you see how a box with a 4 pixel #431A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431A00; -webkit-box-shadow:4px 4px  
4px 4px #431A00; box-shadow:4px 4px 4px  
4px #431A00 }
```

Background

The CSS property to change the background color of an element to Hex 431A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431A00 }
```

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

```
.background{ background-color:#431A00 }
```

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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