

Converting Colors

Hex(431B04)

Have a look what the booklet for
Hex(431B04) contains.

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Color

Hex(431B04)

Conversions

Conversions Part 1

Format	Color
Hex	431B04
RGB	67, 27, 4
RGB Percent	26%, 11%, 2%
CMY	0.7373, 0.8941, 0.9843
CMYK	0.00, 0.60, 0.94, 0.74
HSL	22°, 89%, 14%
HSV	22°, 94%, 26%
XYZ	2.7286, 1.9859, 0.3544
YIQ	36.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

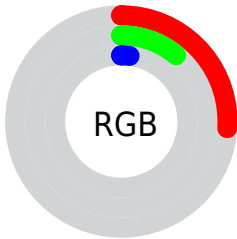
Format	Color
RYB	67, 40, 4
Decimal	4397828
CIELab	15.41, 17.70, 21.51
CIElCh	15, 27.851, 50.550
Yxy	1.9859, 0.5383, 0.3918
Android (android.graphics.Color)	4282587908 (0xFF431B04)
YUV	36.3380, -15.9426, 26.8906
Hunter-Lab	14.0923, 9.9002, 8.3737

Details

The Hex color **431B04** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **042C43**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **774832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **431800**, and if you desaturate by 10%, it is **431F0B**.

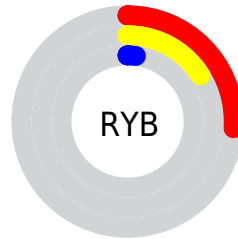
Distribution



Red (26%)

Green (11%)

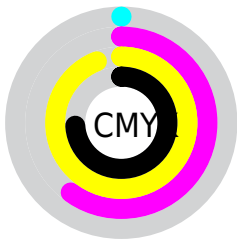
Blue (2%)



Red (26%)

Yellow (16%)

Blue (2%)

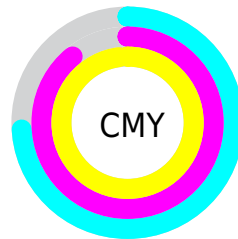


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (74%)



Cyan (74%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431B04 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 431B04 by changing the saturation by 10% instead.

 431B04

 431B04

 FFFFE5

 2A0500

 774832

 000000

 926048

 AD7860

 CA9279

 E7AD93

 FFC8AE

 FFE5C9

 431B04

 431B04

■ 431800

■ 431F0B

■ 432411

■ 432818

■ 432C1F

■ 433026

■ 43352C

■ 433933

■ 433D3A

■ 434140

Harmonies

Analogous

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



49131A



431B04



362300

Triad

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



431B04



002F1F



19244C

Complementary

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



431B04



042C43

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.



002B4D



431B04



003034

Square

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



431B04



092D0A



002E45



381B40

Rectangle

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



431B04



2B2800



002E45



03274D

Sweetspot

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



431B04



57473E



43042D



2B221D



ABABAB



2B2B2B

Same Dimension

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



431B04



572000



433A04



211F1E



612300



E05200

Inverse Universe

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



042C43



003757



040D43



1E2021



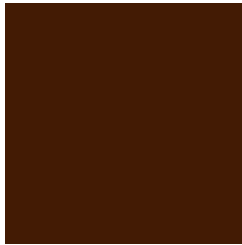
003E61



008EE0

Previews

White Background



This preview shows how the Hex color 431B04 looks on a white background.

Color Contrast Check

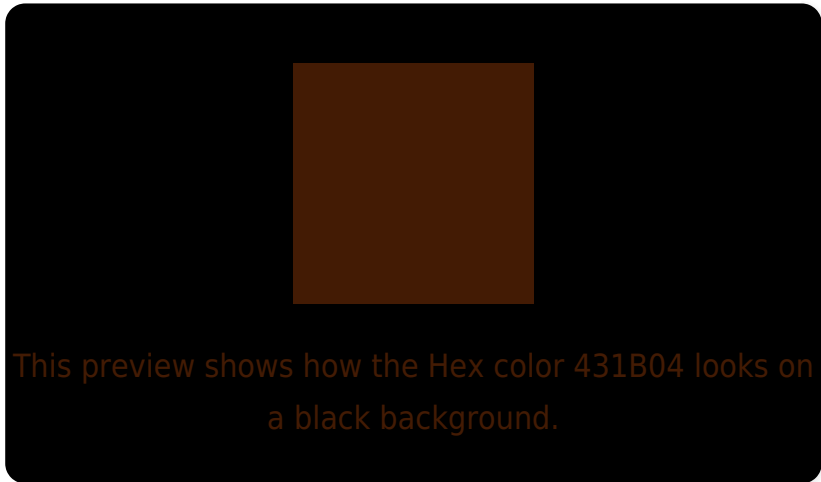
Large Text (above 18pt) WCAG AA ✓ Pass

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

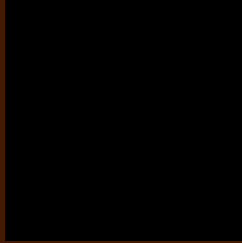
Any Text WCAG AA × Fail

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 431B04 Background



This preview shows how black text looks on a background with the Hex color 431B04.

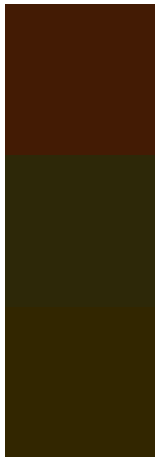


This preview shows how white text looks on a background with the Hex color 431B04.

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
431B04

Protanopia
2D2808

Deuteranopia
322600



Tritanopia
44191B

Trichromacy



Original Color
431B04

Protanomaly
352307

Deuteranomaly
382201

Tritanomaly
441A13

Monochromacy



Original Color
431B04

Achromatopsia
242424

Achromatomaly
2F2118

CSS Examples

Text

The CSS property to change the color of the text to Hex 431B04 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 #431B04 looks like.

```
.text, #text, p{  
    color:#431B04  
}
```

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 #431B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431B04
}
```

Border

The CSS property to change the border of an element to Hex 431B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

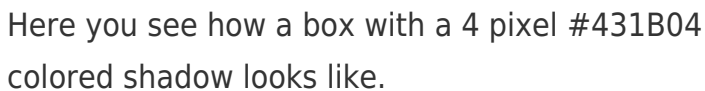
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431B04 }
```

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

```
.border{ border-color:#431B04 }
```

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



Here you see how a box with a 4 pixel #431B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431B04; -webkit-box-shadow:4px 4px  
4px 4px #431B04; box-shadow:4px 4px 4px  
4px #431B04 }
```

Background

The CSS property to change the background color of an element to Hex 431B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431B04 }
```

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

```
.background{ background-color:#431B04 }
```

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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