

Converting Colors

Hex(431B29)

Have a look what the booklet for
Hex(431B29) contains.

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Color

Hex(431B29)

Conversions

Conversions Part 1

Format	Color
Hex	431B29
RGB	67, 27, 41
RGB Percent	26%, 11%, 16%
CMY	0.7373, 0.8941, 0.8392
CMYK	0.00, 0.60, 0.39, 0.74
HSL	339°, 43%, 18%
HSV	339°, 60%, 26%
XYZ	3.1069, 2.1373, 2.3466
YIQ	40.5560, 19.3460, 12.8340

Conversions

Conversions Part 2

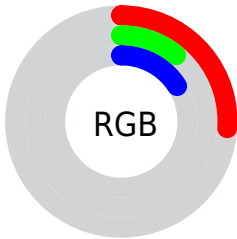
Format	Color
RYB	67, 27, 41
Decimal	4397865
CIELab	16.19, 21.11, -0.15
CIELCh	16, 21.113, 359.581
Yxy	2.1373, 0.4093, 0.2816
Android (android.graphics.Color)	4282587945 (0xFF431B29)
YUV	40.5560, 0.2189, 23.1914
Hunter-Lab	14.6193, 12.3510, 0.7167




Details

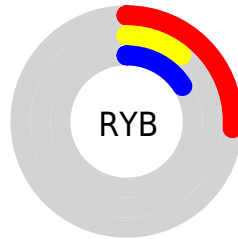
The Hex color **431B29** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1B4335**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **754856**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **431425**, and if you desaturate by 10%, it is **43222D**.

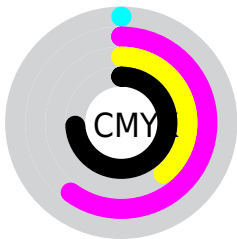
Distribution







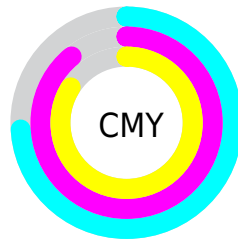
-  Red (26%)
-  Green (11%)
-  Blue (16%)






-  Red (26%)
-  Yellow (11%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (39%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (89%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431B29 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 431B29 by changing the saturation by 10% instead.

■ 431B29

■ 431B29

FFFFFF

■ 2C0515

■ 754856

■ 0C0000

■ 8F606E

■ 000000

■ AA7988

■ C693A2

■ E2AEBD

■ FFCAD9

■ FFE6F5

■ 431B29

■ 431B29

■ 431425

■ 43222D

■ 430E20

■ 432832

■ 43071C

■ 432F36

■ 430018

■ 43363A

■ 430017

■ 433D3F

■ 434343

■ 434A47

■ 43514C

■ 435750

Harmonies

Analogous

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



3A1E38



431B29



431D1A

Triad

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



431B29



222C0C



002E42

Complementary

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



431B29



1B4335

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.



002F37



431B29



0E2E18

Square

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



431B29



312706



003027



072A46

Rectangle

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



431B29



3F2012



003027



002E3F

Sweetspot

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



431B29



57474D



351B43



2B2225



ABABAB



2B2B2B

Same Dimension

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



431B29



57182E



43211B



211E1F



610022



E0004F

Inverse Universe

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



431B29



57182E



1B3D43



211E1F



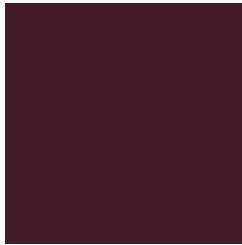
610022



E0004F

Previews

White Background



This preview shows how the Hex color 431B29 looks on a white background.

Color Contrast Check

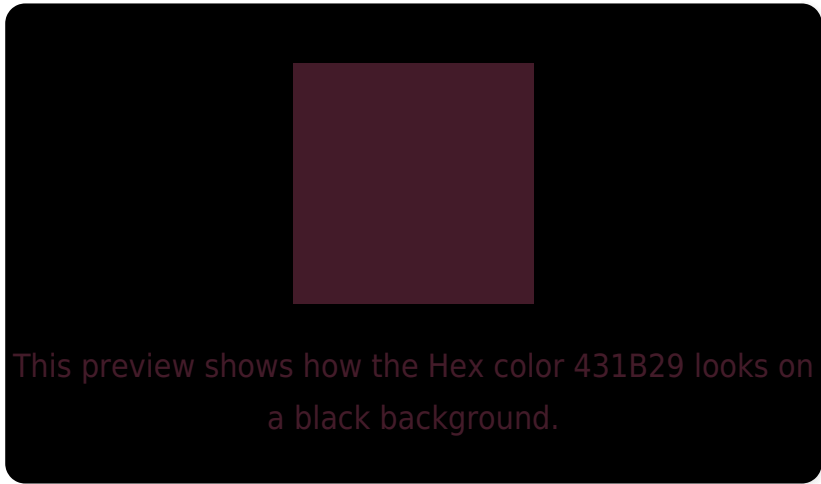
Large Text (above 18pt) WCAG AA ✓ Pass

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

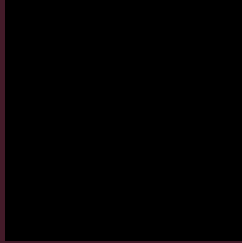
Any Text WCAG AA × Fail

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 431B29 Background



This preview shows how black text looks on a background with the Hex color 431B29.



This preview shows how white text looks on a background with the Hex color 431B29.

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
431B29

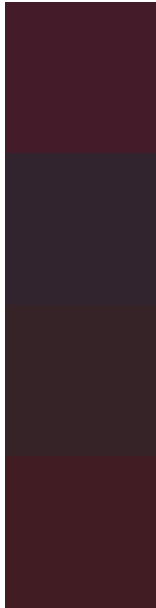
Protanopia
272931

Deuteranopia
2E2827



Tritanopia
421D1F

Trichromacy



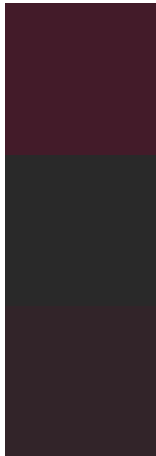
Original Color
431B29

Protanomaly
31242E

Deuteranomaly
362328

Tritanomaly
421C23

Monochromacy



Original Color
431B29

Achromatopsia
292929

Achromatomaly
322429

CSS Examples

Text

The CSS property to change the color of the text to Hex 431B29 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 #431B29 looks like.

```
.text, #text, p{  
    color:#431B29  
}
```

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 #431B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431B29
}
```

Border

The CSS property to change the border of an element to Hex 431B29 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".

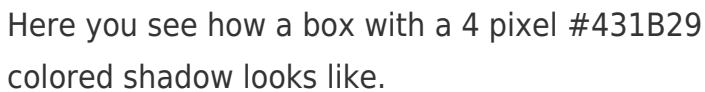
```
.border, #border, table{ border:4px solid
#431B29 }
```

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

```
.border{ border-color:#431B29 }
```

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

Here you see how a box with a 4 pixel #431B29 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431B29; -webkit-box-shadow:4px 4px  
4px 4px #431B29; box-shadow:4px 4px 4px  
4px #431B29 }
```

Background

The CSS property to change the background color of an element to Hex 431B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431B29 }
```

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

```
.background{ background-color:#431B29 }
```

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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