

Converting Colors

Hex(431B27)

Have a look what the booklet for
Hex(431B27) contains.

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Color

Hex(431B27)

Conversions

Conversions Part 1

Format	Color
Hex	431B27
RGB	67, 27, 39
RGB Percent	26%, 11%, 15%
CMY	0.7373, 0.8941, 0.8471
CMYK	0.00, 0.60, 0.42, 0.74
HSL	342°, 43%, 18%
HSV	342°, 60%, 26%
XYZ	3.0729, 2.1236, 2.1674
YIQ	40.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

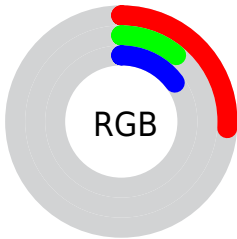
Format	Color
RYB	67, 27, 39
Decimal	4397863
CIELab	16.12, 20.82, 1.18
CIElCh	16, 20.856, 3.248
Yxy	2.1236, 0.4173, 0.2884
Android (android.graphics.Color)	4282587943 (0xFF431B27)
YUV	40.3280, -0.6547, 23.3913
Hunter-Lab	14.5727, 12.1372, 1.3827

Details

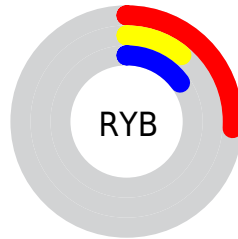
The Hex color **431B27** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1B4337**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **754854**, and **0B0000** is the 20% darker color. If you saturate the color by 10%, you get **431422**, and if you desaturate by 10%, it is **43222C**.

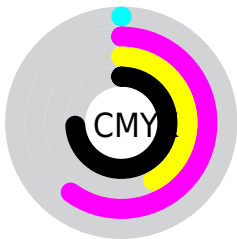
Distribution



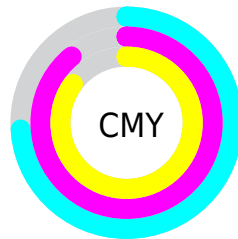
- Red (26%)
- Green (11%)
- Blue (15%)



- Red (26%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (74%)



- Cyan (74%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431B27 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 431B27 by changing the saturation by 10% instead.

■ 431B27

■ 431B27

FFFFFF

■ 2C0512

■ 754854

■ 0B0000

■ 8F606C

■ 000000

■ AA7985

■ C6939F

■ E2AEBA

■ FFCAD6

■ FFE6F2

■ 431B27

■ 431B27

■ 431422

■ 43222C

■ 430E1E

■ 432830

■ 430719

■ 432F35

■ 430014

■ 43363A

■ 433D3E

■ 434343

■ 434A48

■ 43514D

■ 435751

Harmonies

Analogous

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



3B1E36



431B27



421D19

Triad

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



431B27



202C0D



002D42

Complementary

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



431B27



1B4337

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.



002F38



431B27



0A2E1A

Square

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



431B27



2F2806



002F29



0E2946

Rectangle

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



431B27



3E2010



002F29



002E3F

Sweetspot

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



431B27



57474C



371B43



2B2225



ABABAB



2B2B2B

Same Dimension

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



431B27



57182B



43231B



211E1F



61001D



E00043

Inverse Universe

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



431B27



57182B



1B3B43



211E1F



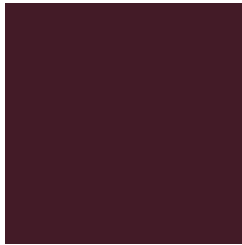
61001D



E00043

Previews

White Background



This preview shows how the Hex color 431B27 looks on a white background.

Color Contrast Check

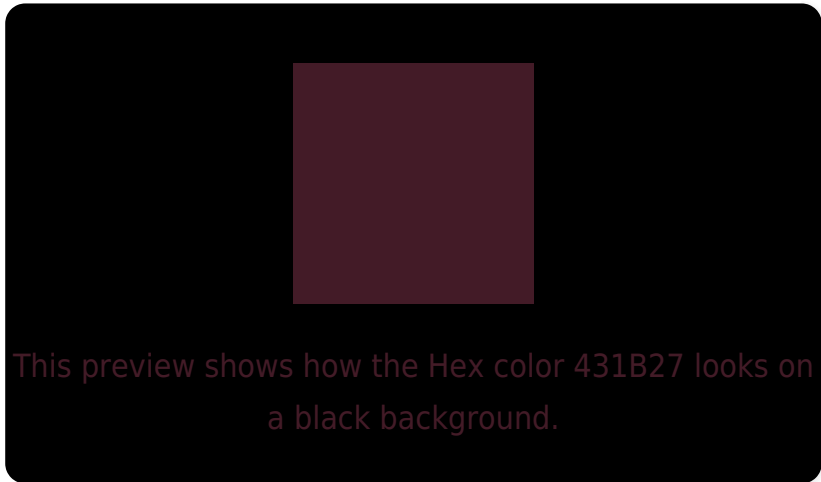
Large Text (above 18pt) WCAG AA ✓ Pass

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

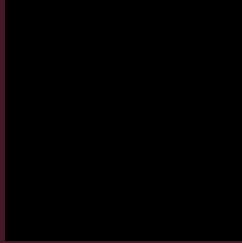
Any Text WCAG AA × Fail

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 431B27 Background



This preview shows how black text looks on a background with the Hex color 431B27.



This preview shows how white text looks on a background with the Hex color 431B27.

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
431B27

Protanopia
28292F

Deuteranopia
2E2825



Tritanopia
421D1F

Trichromacy



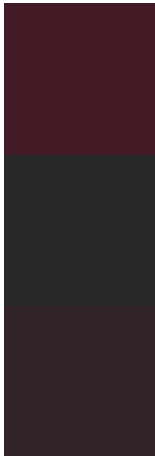
Original Color
431B27

Protanomaly
32242C

Deuteranomaly
362326

Tritanomaly
421C22

Monochromacy



Original Color
431B27

Achromatopsia
282828

Achromatomaly
322328

CSS Examples

Text

The CSS property to change the color of the text to Hex 431B27 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 #431B27 looks like.

```
.text, #text, p{  
    color:#431B27  
}
```

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 #431B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431B27
}
```

Border

The CSS property to change the border of an element to Hex 431B27 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
#431B27 }
```

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

```
.border{ border-color:#431B27 }
```

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

Here you see how a box with a 4 pixel #431B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431B27; -webkit-box-shadow:4px 4px  
4px 4px #431B27; box-shadow:4px 4px 4px  
4px #431B27 }
```

Background

The CSS property to change the background color of an element to Hex 431B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431B27 }
```

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

```
.background{ background-color:#431B27 }
```

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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