

Converting Colors

Hex(431A16)

Have a look what the booklet for
Hex(431A16) contains.

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Color

Hex(431A16)

Conversions

Conversions Part 1

Format	Color
Hex	431A16
RGB	67, 26, 22
RGB Percent	26%, 10%, 9%
CMY	0.7373, 0.8980, 0.9137
CMYK	0.00, 0.61, 0.67, 0.74
HSL	5°, 51%, 17%
HSV	5°, 67%, 26%
XYZ	2.8290, 1.9900, 0.9941
YIQ	37.8030, 25.7200, 7.4480

Conversions

Conversions Part 2

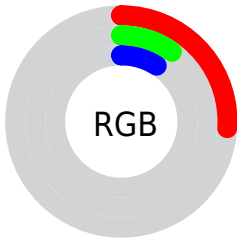
Format	Color
RYB	67, 26, 22
Decimal	4397590
CIELab	15.43, 19.46, 12.40
CIELCh	15, 23.072, 32.502
Yxy	1.9900, 0.4867, 0.3423
Android (android.graphics.Color)	4282587670 (0xFF431A16)
YUV	37.8030, -7.7909, 25.6058
Hunter-Lab	14.1068, 11.1093, 5.6967

Details

The Hex color **431A16** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **163F43**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **764740**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **43140F**, and if you desaturate by 10%, it is **43201D**.

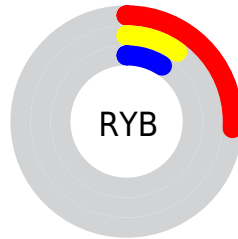
Distribution



 Red (26%)

 Green (10%)

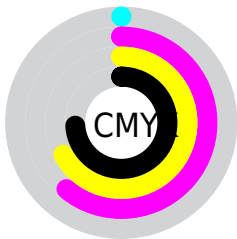
 Blue (9%)



 Red (26%)

 Yellow (10%)

 Blue (9%)

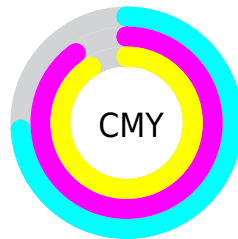


 Cyan (0%)

 Magenta (61%)

 Yellow (67%)

 Black (74%)



 Cyan (74%)

 Magenta (90%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431A16 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 431A16 by changing the saturation by 10% instead.

 431A16


 431A16

 FFFFF7

 2C0300

 764740

 000000

 915F58

 AC7870

 C8928A

 E5ACA4

 FFC8BF

 FFE4DB

 431A16

 431A16

■ 43140F

■ 43201D

■ 430E09

■ 432623

■ 430802

■ 432C2A

■ 430600

■ 433231

■ 433938

■ 433F3E

■ 434545

■ 434B4C

■ 435152

Harmonies

Analogous

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



441726



431A16



3B2006

Triad

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



431A16



042D17



032847

Complementary

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



431A16



163F43

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.



002C43



431A16



002E27

Square

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



431A16



1E2B07



002E38



292242

Rectangle

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



431A16



332400



002E38



002A47

Sweetspot

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



431A16



574745



43163F



2B2221



ABABAB



2B2B2B

Same Dimension

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



431A16



571710



433016



211E1E



610900



E01400

Inverse Universe

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



163F43



105057



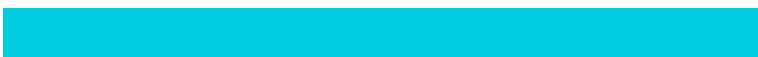
162943



1E2121



005861



00CCE0

Previews

White Background



This preview shows how the Hex color 431A16 looks on a white background.

Color Contrast Check

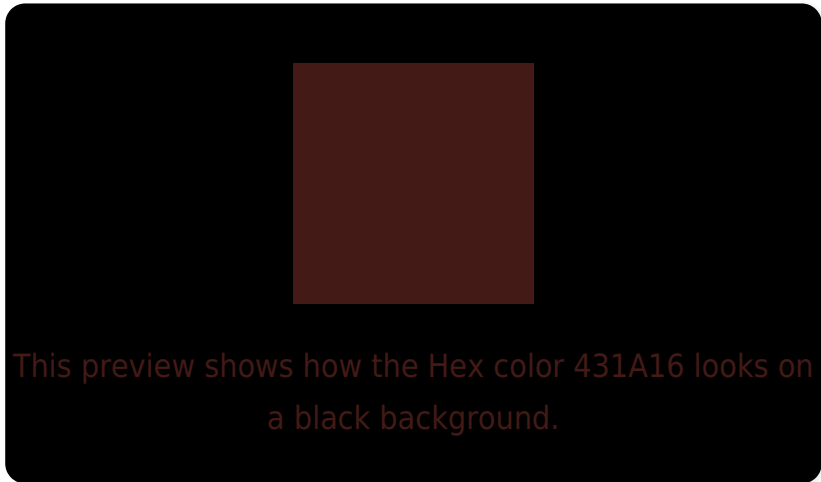
Large Text (above 18pt) WCAG AA ✓ Pass

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

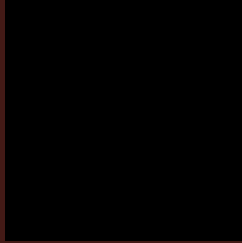
Any Text WCAG AA × Fail

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 431A16 Background



This preview shows how black text looks on a background with the Hex color 431A16.

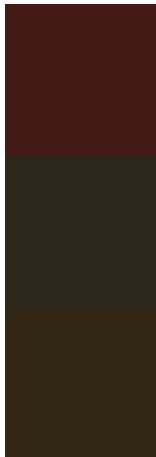


This preview shows how white text looks on a background with the Hex color 431A16.

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
431A16

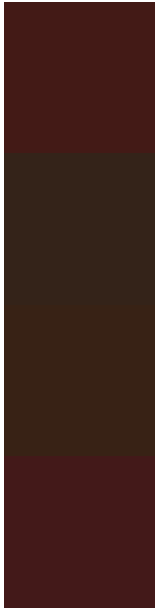
Protanopia
2B281B

Deuteranopia
312614



Tritanopia
43191B

Trichromacy



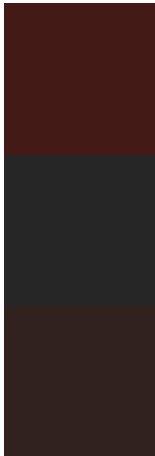
Original Color
431A16

Protanomaly
342319

Deuteranomaly
382215

Tritanomaly
431919

Monochromacy



Original Color
431A16

Achromatopsia
262626

Achromatomaly
312220

CSS Examples

Text

The CSS property to change the color of the text to Hex 431A16 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 #431A16 looks like.

```
.text, #text, p{  
    color:#431A16  
}
```

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 #431A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431A16
}
```

Border

The CSS property to change the border of an element to Hex 431A16 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
#431A16 }
```

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

```
.border{ border-color:#431A16 }
```

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

Here you see how a box with a 4 pixel #431A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431A16; -webkit-box-shadow:4px 4px  
4px 4px #431A16; box-shadow:4px 4px 4px  
4px #431A16 }
```

Background

The CSS property to change the background color of an element to Hex 431A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431A16 }
```

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

```
.background{ background-color:#431A16 }
```

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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