

Converting Colors

Hex(431E44)

Have a look what the booklet for
Hex(431E44) contains.

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Color

Hex(431E44)

Conversions

Conversions Part 1

Format	Color
Hex	431E44
RGB	67, 30, 68
RGB Percent	26%, 12%, 27%
CMY	0.7373, 0.8824, 0.7333
CMYK	0.01, 0.56, 0.00, 0.73
HSL	298°, 39%, 19%
HSV	298°, 56%, 27%
XYZ	3.8224, 2.5392, 5.7575
YIQ	45.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

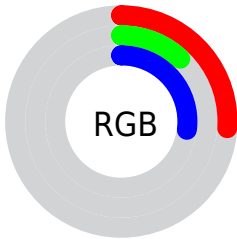
Format	Color
RYB	67, 30, 68
Decimal	4398660
CIELab	18.09, 24.34, -16.28
CIElCh	18, 29.288, 326.221
Yxy	2.5392, 0.3154, 0.2095
Android (android.graphics.Color)	4282588740 (0xFF431E44)
YUV	45.3950, 11.1443, 18.9476
Hunter-Lab	15.9348, 14.9320, -10.2679

Details

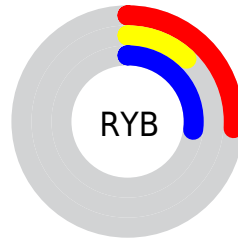
The Hex color **431E44** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F441E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **744C74**, and **160019** is the 20% darker color. If you saturate the color by 10%, you get **431744**, and if you desaturate by 10%, it is **432544**.

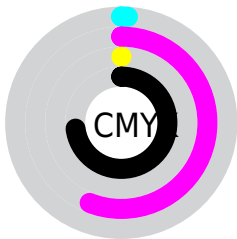
Distribution



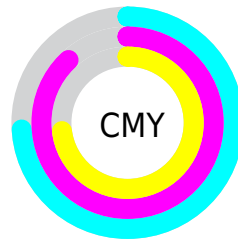
- Red (26%)
- Green (12%)
- Blue (27%)



- Red (26%)
- Yellow (12%)
- Blue (27%)



- Cyan (1%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431E44 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 431E44 by changing the saturation by 10% instead.

■ 431E44

■ 431E44

FFFFFF

■ 2C082E

■ 744C74

■ 160019

■ 8E648E

■ 000000

■ A97DA8

■ C598C4

■ E1B2E0

■ FECEFC

■ FFEAFF

■ 431E44

■ 431E44

■ 431744

■ 432544

■ 431044

■ 432C44

■ 420A44

■ 443244

■ 420344

■ 443944

■ 420044

■ 444044

■ 444744

■ 444E44

■ 445444

■ 455B44

Harmonies

Analogous

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



272852



431E44



501730

Triad

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



431E44



3A2A00



00363E

Complementary

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



431E44



1F441E

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.



003629



431E44



253000

Square

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



431E44



492206



043413



00344F

Rectangle

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



431E44



521722



043413



003637

Sweetspot

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



431E44



594A59



1E1F44



2E252E



ADADAD



2E2E2E

Same Dimension

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



431E44



581D59



441E32



211E21



5E0061



DA00E0

Inverse Universe

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



441E1F



591D1F



1E4430



211E1E



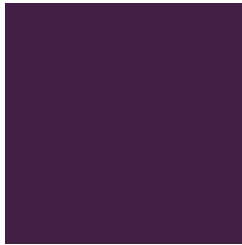
610003



E00006

Previews

White Background



This preview shows how the Hex color 431E44 looks on a white background.

Color Contrast Check

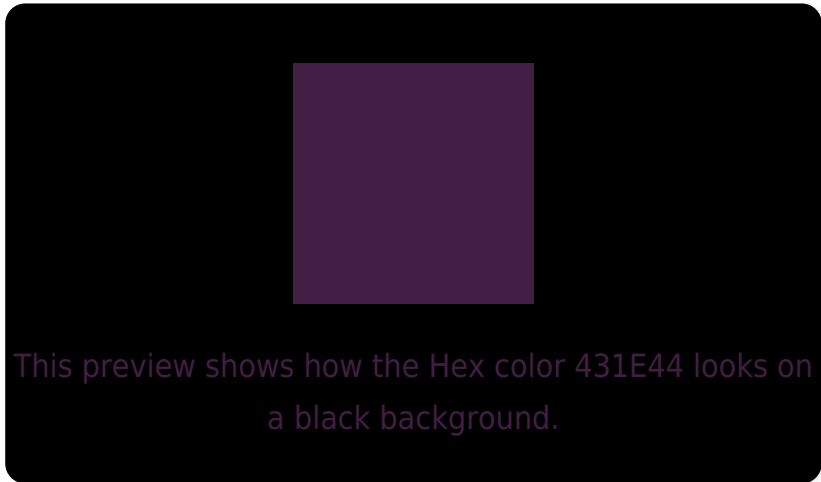
Large Text (above 18pt) WCAG AA ✓ Pass

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

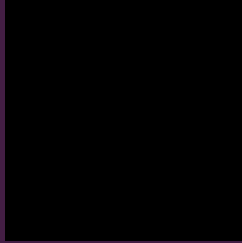
Any Text WCAG AA × Fail

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 431E44 Background



This preview shows how black text looks on a background with the Hex color 431E44.



This preview shows how white text looks on a background with the Hex color 431E44.

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](#).

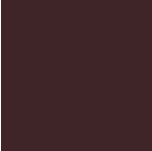
Dichromacy



Original Color
431E44

Protanopia
1C2C50

Deuteranopia
252D41



Tritanopia
402528

Trichromacy



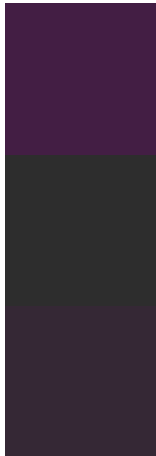
Original Color
431E44

Protanomaly
2A274C

Deuteranomaly
302842

Tritanomaly
412232

Monochromacy



Original Color
431E44

Achromatopsia
2D2D2D

Achromatomaly
352835

CSS Examples

Text

The CSS property to change the color of the text to Hex 431E44 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 #431E44 looks like.

```
.text, #text, p{  
    color:#431E44  
}
```

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 #431E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431E44
}
```

Border

The CSS property to change the border of an element to Hex 431E44 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
#431E44 }
```

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

```
.border{ border-color:#431E44 }
```

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

Here you see how a box with a 4 pixel #431E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431E44; -webkit-box-shadow:4px 4px  
4px 4px #431E44; box-shadow:4px 4px 4px  
4px #431E44 }
```

Background

The CSS property to change the background color of an element to Hex 431E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431E44 }
```

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

```
.background{ background-color:#431E44 }
```

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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