

# Converting Colors

Hex(431640)

Have a look what the booklet for  
Hex(431640) contains.

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# Color

**Hex(431640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	431640
RGB	67, 22, 64
RGB Percent	26%, 9%, 25%
CMY	0.7373, 0.9137, 0.7490
CMYK	0.00, 0.67, 0.04, 0.74
HSL	304°, 51%, 17%
HSV	304°, 67%, 26%
XYZ	3.5271, 2.1373, 5.0771
YIQ	40.2430, 13.3380, 22.6020

# Conversions

## Conversions Part 2

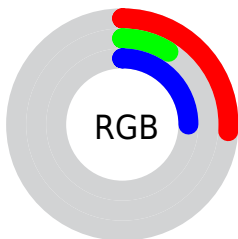
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 22, 64
Decimal	4396608
CIELab	16.19, 28.02, -16.48
CIElCh	16, 32.506, 329.530
Yxy	2.1373, 0.3284, 0.1990
Android (android.graphics.Color)	4282586688 (0xFF431640)
YUV	40.2430, 11.7122, 23.4659
Hunter-Lab	14.6194, 17.4807, -10.3570

# Details

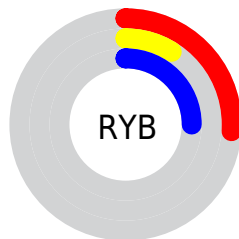
The Hex color **431640** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164319**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **754470**, and **110015** is the 20% darker color. If you saturate the color by 10%, you get **430F40**, and if you desaturate by 10%, it is **431D40**.

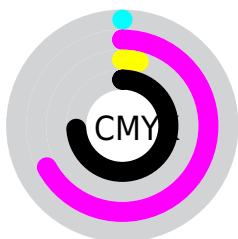
# Distribution



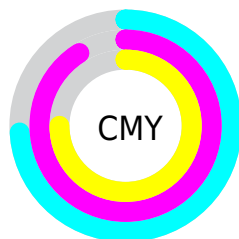
- Red (26%)
- Green (9%)
- Blue (25%)



- Red (26%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (4%)
- Black (74%)



- Cyan (74%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 431640 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 431640 by changing the saturation by 10% instead.



■ 431640

■ 431640

FFFFFF

■ 2C002A

■ 754470

■ 110015

■ 8F5D89

■ 000000

■ AA76A4

■ C590BF

■ E2ABDB

■ FFC6F7

■ FFE2FF

■ 431640

■ 431640

■ 430F40

■ 431D40

■ 43093F

■ 432341

■ 43023F

■ 432A41

■ 43003F

■ 433142

■ 433842

■ 433E43

■ 434543

■ 434C44

■ 435244

# Harmonies

## Analogous

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



252251



431640



4F0D2A

# Triad

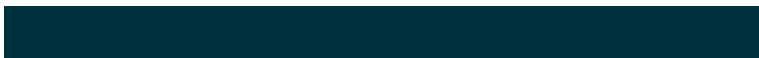
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



431640



332700



00323E

# Complementary

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



431640



164319

# 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.



003227



431640



1E2D00

# Square

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



431640



451D00



00310F



003050

# Rectangle

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



431640



500F1A



00310F



003237



# Sweetspot

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



431640



574556



191643



2B212B



ABABAB



2B2B2B



# Same Dimension

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



431640



571052



43162A



211E21



61005A



E000D1



# Inverse Universe

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



431640



571052



164330



211E21



61005A

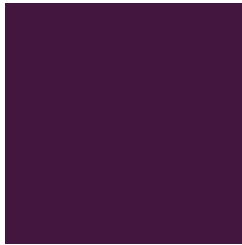


E000D1



# Previews

## White Background



This preview shows how the Hex color 431640 looks on a white background.

## Color Contrast Check

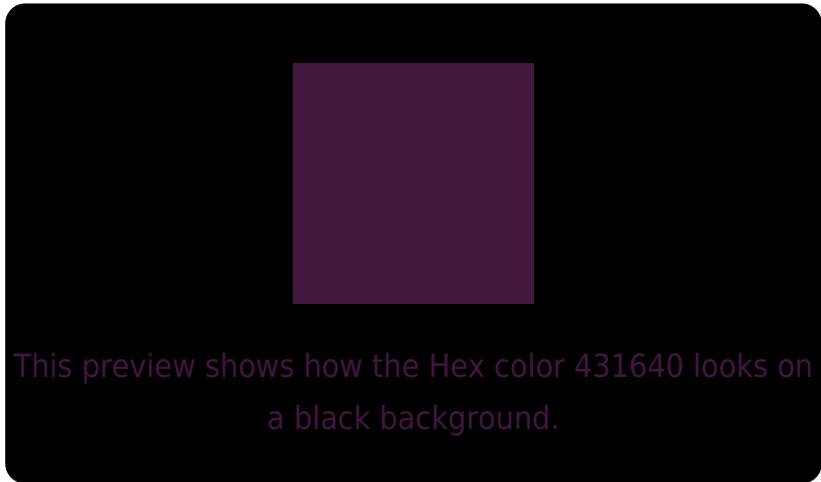
Large Text (above 18pt) WCAG AA ✓ Pass

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

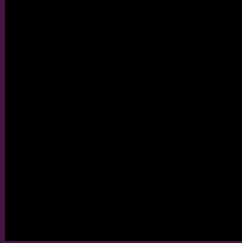
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 431640 Background



This preview shows how black text looks on a background with the Hex color 431640.



This preview shows how white text looks on a background with the Hex color 431640.

# 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**  
431640

**Protanopia**  
122850

**Deuteranopia**  
212930



**Tritanopia**  
401F22

# Trichromacy



**Original Color**  
431640

**Protanomaly**  
24214A

**Deuteranomaly**  
2D223E

**Tritanomaly**  
411C2D

# Monochromacy



**Original Color**  
431640

**Achromatopsia**  
282828

**Achromatomaly**  
322131

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 431640 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 #431640 looks like.

```
.text, #text, p{  
    color:#431640  
}
```

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 #431640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431640
}
```

## Border

The CSS property to change the border of an element to Hex 431640 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
#431640 }
```

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

```
.border{ border-color:#431640 }
```

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

Here you see how a box with a 4 pixel #431640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431640; -webkit-box-shadow:4px 4px  
4px 4px #431640; box-shadow:4px 4px 4px  
4px #431640 }
```

# Background

The CSS property to change the background color of an element to Hex 431640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431640 }
```

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

```
.background{ background-color:#431640 }
```

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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