

Converting Colors

Hex(431734)

Have a look what the booklet for
Hex(431734) contains.

Hex(431734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(431734)

Conversions

Conversions Part 1

Format	Color
Hex	431734
RGB	67, 23, 52
RGB Percent	26%, 9%, 20%
CMY	0.7373, 0.9098, 0.7961
CMYK	0.00, 0.66, 0.22, 0.74
HSL	320°, 49%, 18%
HSV	320°, 66%, 26%
XYZ	3.2410, 2.0540, 3.4745
YIQ	39.4620, 16.9150, 18.3470

Conversions

Conversions Part 2

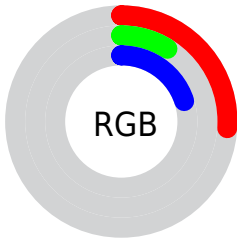
Format	Color
RYB	67, 23, 52
Decimal	4396852
CIELab	15.77, 25.21, -8.66
CIELCh	16, 26.652, 341.031
Yxy	2.0540, 0.3696, 0.2342
Android (android.graphics.Color)	4282586932 (0xFF431734)
YUV	39.4620, 6.1812, 24.1508
Hunter-Lab	14.3318, 15.2848, -4.3413

Details

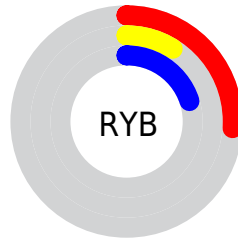
The Hex color **431734** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174326**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **754562**, and **100004** is the 20% darker color. If you saturate the color by 10%, you get **431032**, and if you desaturate by 10%, it is **431E36**.

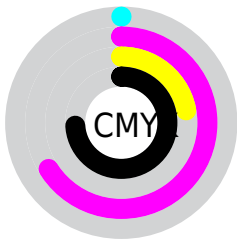
Distribution



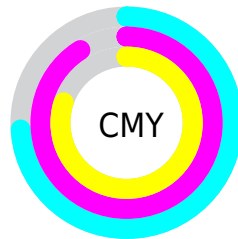
- Red (26%)
- Green (9%)
- Blue (20%)



- Red (26%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (22%)
- Black (74%)



- Cyan (74%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431734 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 431734 by changing the saturation by 10% instead.

■ 431734

■ 431734

FFFFFF

■ 2C001F

■ 754562

■ 100004

■ 8F5D7B

■ 000000

■ AA7695

■ C590B0

■ E2ABCB

■ FFC6E7

■ FFE2FF

■ 431734

■ 431734

■ 431032

■ 431E36

■ 430A2F

■ 432439

■ 43032D

■ 432B3B

■ 43002C

■ 43323D

■ 43393F

■ 433F42

■ 434644

■ 434D46

■ 435349

Harmonies

Analogous

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



311F44



431734



491521

Triad

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



431734



2B2800



002F40

Complementary

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



431734



174326

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.



00302E



431734



162D06

Square

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



431734



3B2200



002F1A



002D4B

Rectangle

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



431734



481815



002F1A



00303A

Sweetspot

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



431734



574551



261743



2B2128



ABABAB



2B2B2B

Same Dimension

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



431734



57123F



43171E



211E20



610040



E00094

Inverse Universe

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



431734



57123F



17433C



211E20



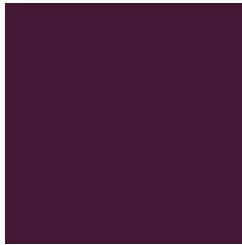
610040



E00094

Previews

White Background



This preview shows how the Hex color 431734 looks on a white background.

Color Contrast Check

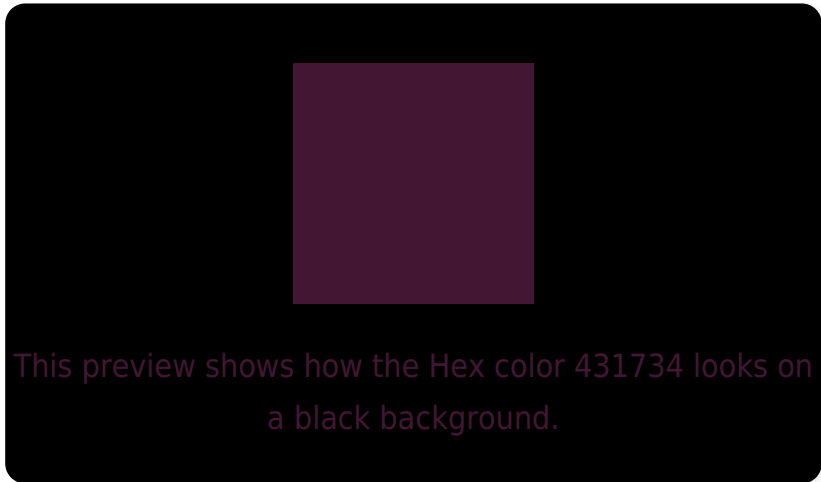
Large Text (above 18pt) WCAG AA ✓ Pass

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

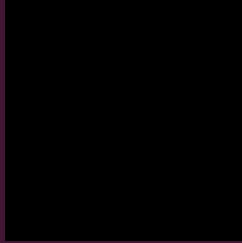
Any Text WCAG AA × Fail

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 431734 Background



This preview shows how black text looks on a background with the Hex color 431734.



This preview shows how white text looks on a background with the Hex color 431734.

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
431734

Protanopia
1F2841

Deuteranopia
282832



Tritanopia
411D1F

Trichromacy



Original Color
431734

Protanomaly
2C223C

Deuteranomaly
322233

Tritanomaly
421B27

Monochromacy



Original Color
431734

Achromatopsia
272727

Achromatomaly
31212C

CSS Examples

Text

The CSS property to change the color of the text to Hex 431734 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 #431734 looks like.

```
.text, #text, p{  
    color:#431734  
}
```

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 #431734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431734
}
```

Border

The CSS property to change the border of an element to Hex 431734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

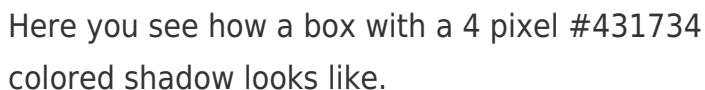
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431734 }
```

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

```
.border{ border-color:#431734 }
```

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



Here you see how a box with a 4 pixel #431734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431734; -webkit-box-shadow:4px 4px  
4px 4px #431734; box-shadow:4px 4px 4px  
4px #431734 }
```

Background

The CSS property to change the background color of an element to Hex 431734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431734 }
```

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

```
.background{ background-color:#431734 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor