

Converting Colors

Hex(433147)

Have a look what the booklet for
Hex(433147) contains.

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Color

Hex(433147)

Conversions

Conversions Part 1

Format	Color
Hex	433147
RGB	67, 49, 71
RGB Percent	26%, 19%, 28%
CMY	0.7373, 0.8078, 0.7216
CMYK	0.06, 0.31, 0.00, 0.72
HSL	289°, 18%, 24%
HSV	289°, 31%, 28%
XYZ	4.5504, 3.8448, 6.4635
YIQ	56.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

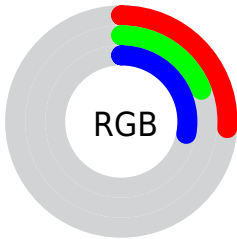
Format	Color
RYB	67, 49, 71
Decimal	4403527
CIELab	23.15, 12.80, -10.52
CIElCh	23, 16.563, 320.588
Yxy	3.8448, 0.3062, 0.2588
Android (android.graphics.Color)	4282593607 (0xFF433147)
YUV	56.8900, 6.9562, 8.8665
Hunter-Lab	19.6083, 7.1090, -5.8181

Details

The Hex color **433147** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **354731**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **735F77**, and **19031C** is the 20% darker color. If you saturate the color by 10%, you get **422A47**, and if you desaturate by 10%, it is **443847**.

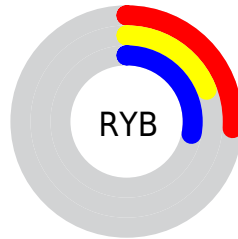
Distribution



 Red (26%)

 Green (19%)

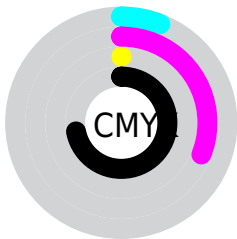
 Blue (28%)



 Red (26%)

 Yellow (19%)

 Blue (28%)

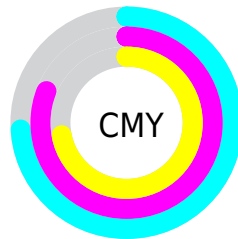


 Cyan (6%)

 Magenta (31%)

 Yellow (0%)

 Black (72%)



 Cyan (74%)

 Magenta (81%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433147 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 433147 by changing the saturation by 10% instead.

■ 433147

■ 433147

FFFFFF

■ 2D1C31

■ 735F77

■ 19031C

■ 8D7891

■ 000000

■ A792AC

■ C3ADC7

■ DFC8E3

■ FBE4FF

■ 433147

■ 433147

■ 422A47

■ 443847

■ 402347

■ 463F47

■ 3F1C47

■ 474647

■ 3E1547

■ 484D47

■ 3D0D47

■ 495547

■ 3B0647

■ 4B5C47

■ 3A0047

■ 4C6347

■ 4D6A47

■ 4F7147

Harmonies

Analogous

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



33354E



433147



4D2E3C

Triad

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



433147



43351F



093E3F

Complementary

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



433147



354731

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.



193E33



433147



373920

Square

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



433147



4C3125



293C27



0B3C4A

Rectangle

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



433147



4F2E33



293C27



0E3E3B

Sweetspot

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



433147



5A545C



313547



2D292E



ADADAD



2E2E2E

Same Dimension

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



433147



563A5C



473140



232024



510063



BA00E3

Inverse Universe

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



473135



5C3A40



314738



242021



630012



E30029

Previews

White Background



This preview shows how the Hex color 433147 looks on a white background.

Color Contrast Check

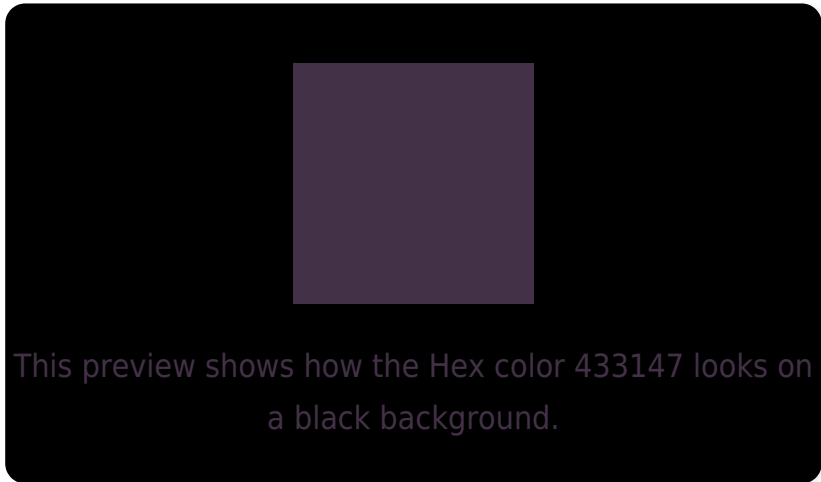
Large Text (above 18pt) WCAG AA ✓ Pass

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

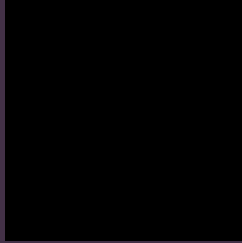
Any Text WCAG AA × Fail

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 433147 Background



This preview shows how black text looks on a background with the Hex color 433147.

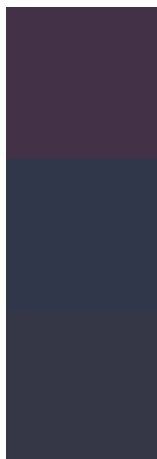


This preview shows how white text looks on a background with the Hex color 433147.

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](#).

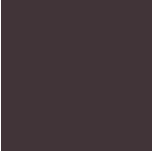
Dichromacy



Original Color
433147

Protanopia
31374B

Deuteranopia
353646



Tritanopia
413438

Trichromacy



Original Color
433147

Protanomaly
38354A

Deuteranomaly
3A3446

Tritanomaly
42333D

Monochromacy



Original Color
433147

Achromatopsia
393939

Achromatomaly
3D363E

CSS Examples

Text

The CSS property to change the color of the text to Hex 433147 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 #433147 looks like.

```
.text, #text, p{  
    color:#433147  
}
```

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 #433147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433147
}
```

Border

The CSS property to change the border of an element to Hex 433147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

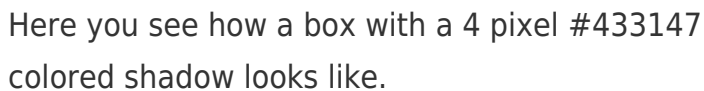
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433147 }
```

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

```
.border{ border-color:#433147 }
```

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



Here you see how a box with a 4 pixel #433147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433147; -webkit-box-shadow:4px 4px  
4px 4px #433147; box-shadow:4px 4px 4px  
4px #433147 }
```

Background

The CSS property to change the background color of an element to Hex 433147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433147 }
```

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

```
.background{ background-color:#433147 }
```

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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