

Converting Colors

Hex(441E3F)

Have a look what the booklet for
Hex(441E3F) contains.

Hex(441E3F)	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(441E3F)

Conversions

Conversions Part 1

Format	Color
Hex	441E3F
RGB	68, 30, 63
RGB Percent	27%, 12%, 25%
CMY	0.7333, 0.8824, 0.7529
CMYK	0.00, 0.56, 0.07, 0.73
HSL	308°, 39%, 19%
HSV	308°, 56%, 27%
XYZ	3.7454, 2.5164, 4.9909
YIQ	45.1240, 12.0550, 18.3190

Conversions

Conversions Part 2

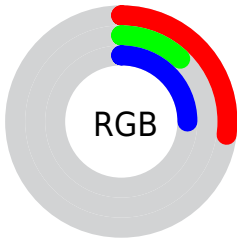
Format	Color
RYB	68, 30, 63
Decimal	4464191
CIELab	17.99, 23.63, -12.97
CIElCh	18, 26.952, 331.238
Yxy	2.5164, 0.3328, 0.2236
Android (android.graphics.Color)	4282654271 (0xFF441E3F)
YUV	45.1240, 8.8129, 20.0623
Hunter-Lab	15.8631, 14.3846, -7.5500

Details

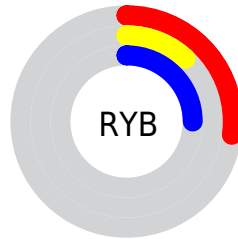
The Hex color **441E3F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1E4423**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **754C6F**, and **170014** is the 20% darker color. If you saturate the color by 10%, you get **44173E**, and if you desaturate by 10%, it is **442540**.

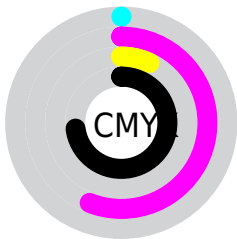
Distribution



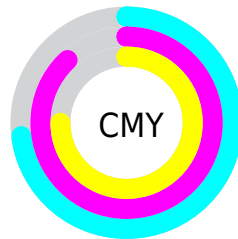
- Red (27%)
- Green (12%)
- Blue (25%)



- Red (27%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (7%)
- Black (73%)



- Cyan (73%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 441E3F 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 441E3F by changing the saturation by 10% instead.



441E3F



441E3F

FFFFFF



2D0829



754C6F



170014



8F6488



000000



AA7DA2



C697BE



E2B2D9



FFCE6



FFEAFF



441E3F



441E3F

■ 44173E

■ 442540

■ 44103D

■ 442C41

■ 440A3C

■ 443242

■ 44033B

■ 443943

■ 44003B

■ 444043

■ 444744

■ 444E45

■ 445446

■ 445B47

Harmonies

Analogous

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



2D264D



441E3F



4E192C

Triad

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



441E3F



362B00



003540

Complementary

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



441E3F



1E4423

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.



00352C



441E3F



223106

Square

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



441E3F



452407



023418



00334E

Rectangle

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



441E3F



4F1A1F



023418



003539

Sweetspot

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



441E3F



594A57



221E44



2E252D



ADADAD



2E2E2E

Same Dimension

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



441E3F



591D51



441E2D



211E21



610054



E000C3

Inverse Universe

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



441E3F



591D51



1E4435



211E21



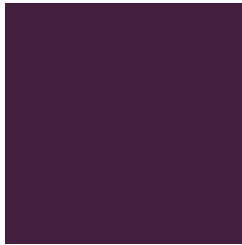
610054



E000C3

Previews

White Background



This preview shows how the Hex color 441E3F looks on a white background.

Color Contrast Check

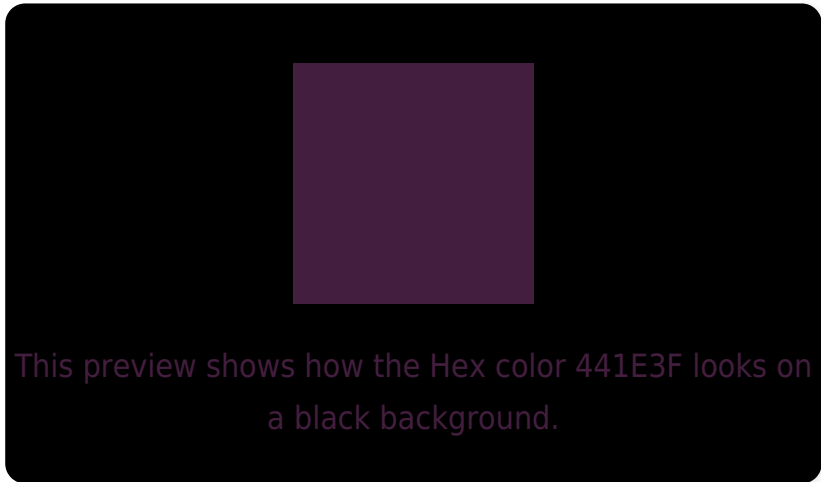
Large Text (above 18pt) WCAG AA ✓ Pass

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

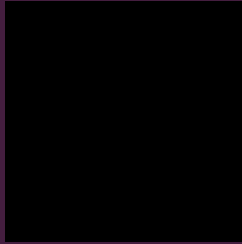
Any Text WCAG AA × Fail

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 441E3F Background



This preview shows how black text looks on a background with the Hex color 441E3F.



This preview shows how white text looks on a background with the Hex color 441E3F.

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
441E3F

Protanopia
202C4B

Deuteranopia
282C3D



Tritanopia
412427

Trichromacy



Original Color
441E3F

Protanomaly
2D2747

Deuteranomaly
32273E

Tritanomaly
422230

Monochromacy



Original Color
441E3F

Achromatopsia
2D2D2D

Achromatomaly
352834

CSS Examples

Text

The CSS property to change the color of the text to Hex 441E3F 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 #441E3F looks like.

```
.text, #text, p{  
    color:#441E3F  
}
```

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 #441E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #441E3F
}
```

Border

The CSS property to change the border of an element to Hex 441E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

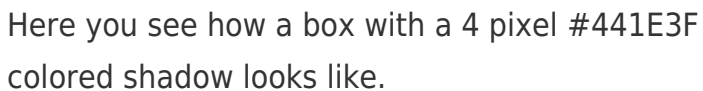
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#441E3F }
```

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

```
.border{ border-color:#441E3F }
```

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



Here you see how a box with a 4 pixel #441E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #441E3F; -webkit-box-shadow:4px 4px  
4px 4px #441E3F; box-shadow:4px 4px 4px  
4px #441E3F }
```

Background

The CSS property to change the background color of an element to Hex 441E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#441E3F }
```

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

```
.background{ background-color:#441E3F }
```

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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