

Converting Colors

Hex(443440)

Have a look what the booklet for
Hex(443440) contains.

Hex(443440)	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(443440)

Conversions

Conversions Part 1

Format	Color
Hex	443440
RGB	68, 52, 64
RGB Percent	27%, 20%, 25%
CMY	0.7333, 0.7961, 0.7490
CMYK	0.00, 0.24, 0.06, 0.73
HSL	315°, 13%, 24%
HSV	315°, 24%, 27%
XYZ	4.5373, 4.0551, 5.3941
YIQ	58.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

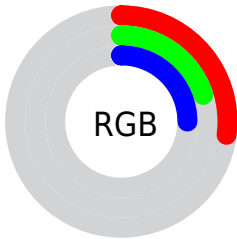
Format	Color
RYB	68, 52, 64
Decimal	4469824
CIELab	23.85, 9.60, -4.74
CIELCh	24, 10.708, 333.714
Yxy	4.0551, 0.3244, 0.2899
Android (android.graphics.Color)	4282659904 (0xFF443440)
YUV	58.1520, 2.8831, 8.6367
Hunter-Lab	20.1373, 4.9792, -1.7856

Details

The Hex color **443440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **344438**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **746370**, and **1A0716** is the 20% darker color. If you saturate the color by 10%, you get **442D3E**, and if you desaturate by 10%, it is **443B42**.

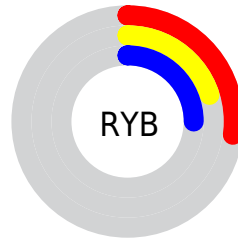
Distribution



Red (27%)

Green (20%)

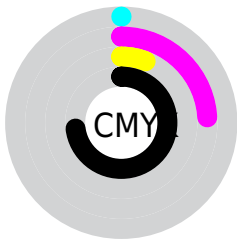
Blue (25%)



Red (27%)

Yellow (20%)

Blue (25%)

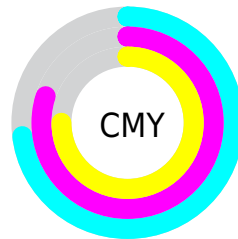


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (73%)



Cyan (73%)

Magenta (80%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 443440 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 443440 by changing the saturation by 10% instead.

■ 443440

■ 443440

FFFFFF

■ 2E1F2A

■ 746370

■ 1A0716

■ 8E7B89

■ 000000

■ A895A3

■ C4B0BE

■ E0CBDA

■ FCE8F7

■ 443440

■ 443440

■ 442D3E

■ 443B42

■ 44263D

■ 444243

■ 44203B

■ 444845

■ 441939

■ 444F47

■ 441238

■ 445649

■ 440B36

■ 445D4A

■ 440434

■ 44644C

■ 440033

■ 446A4E

■ 44714F

Harmonies

Analogous

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



3B3646



443440



493338

Triad

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



443440



3E3929



223D41

Complementary

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



443440



344438

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.



243D39



443440



353B2B

Square

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



443440



45362B



2C3D31



273B47

Rectangle

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



443440



493333



2C3D31



223D3F

Sweetspot

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



443440



595358



383444



2E2A2D



ADADAD



2E2E2E

Same Dimension

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



443440



594053



443438



211E20



610049



E000A8

Inverse Universe

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



443440



594053



344440



211E20



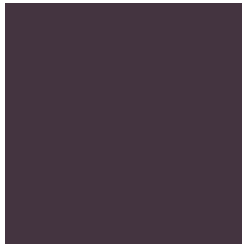
610049



E000A8

Previews

White Background



This preview shows how the Hex color 443440 looks on a white background.

Color Contrast Check

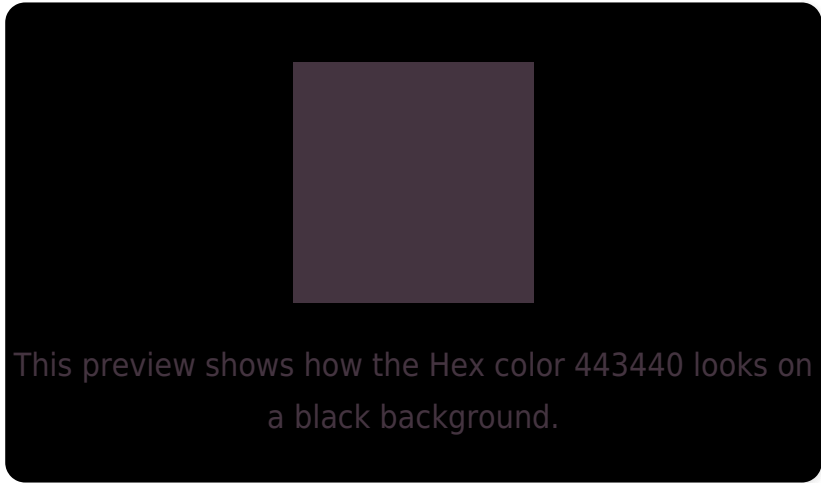
Large Text (above 18pt) WCAG AA ✓ Pass

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

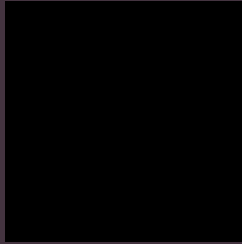
Any Text WCAG AA × Fail

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 443440 Background



This preview shows how black text looks on a background with the Hex color 443440.



This preview shows how white text looks on a background with the Hex color 443440.

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

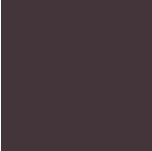
443440

Protanopia

373843

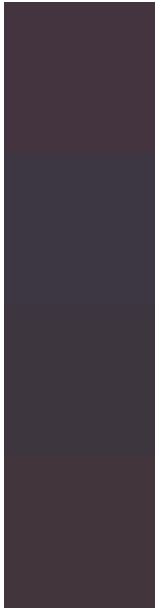
Deuteranopia

3B373F



Tritanopia
433539

Trichromacy



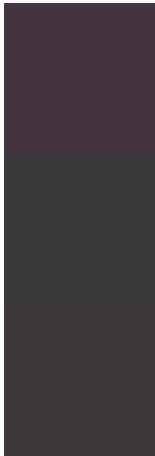
Original Color
443440

Protanomaly
3C3742

Deuteranomaly
3E363F

Tritanomaly
43353C

Monochromacy



Original Color
443440

Achromatopsia
3A3A3A

Achromatomaly
3E383C

CSS Examples

Text

The CSS property to change the color of the text to Hex 443440 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 #443440 looks like.

```
.text, #text, p{  
    color:#443440  
}
```

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 #443440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443440
}
```

Border

The CSS property to change the border of an element to Hex 443440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

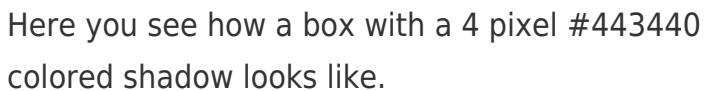
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#443440 }
```

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

```
.border{ border-color:#443440 }
```

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



Here you see how a box with a 4 pixel #443440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443440; -webkit-box-shadow:4px 4px  
4px 4px #443440; box-shadow:4px 4px 4px  
4px #443440 }
```

Background

The CSS property to change the background color of an element to Hex 443440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443440 }
```

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

```
.background{ background-color:#443440 }
```

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