

Converting Colors

Hex(403E47)

Have a look what the booklet for
Hex(403E47) contains.

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Color

Hex(403E47)

Conversions

Conversions Part 1

Format	Color
Hex	403E47
RGB	64, 62, 71
RGB Percent	25%, 24%, 28%
CMY	0.7490, 0.7569, 0.7216
CMYK	0.10, 0.13, 0.00, 0.72
HSL	253°, 7%, 26%
HSV	253°, 13%, 28%
XYZ	4.9743, 4.9902, 6.6623
YIQ	63.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

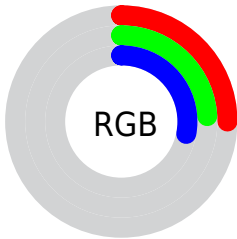
Format	Color
RYB	64, 62, 71
Decimal	4210247
CIELab	26.71, 2.94, -5.18
CIELCh	27, 5.957, 299.628
Yxy	4.9902, 0.2992, 0.3001
Android (android.graphics.Color)	4282400327 (0xFF403E47)
YUV	63.6240, 3.6364, 0.3298
Hunter-Lab	22.3387, 0.6551, -2.0455

Details

The Hex color **403E47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45473E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **706D77**, and **16141C** is the 20% darker color. If you saturate the color by 10%, you get **3A3747**, and if you desaturate by 10%, it is **464547**.

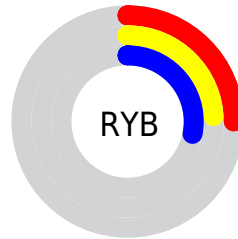
Distribution



Red (25%)

Green (24%)

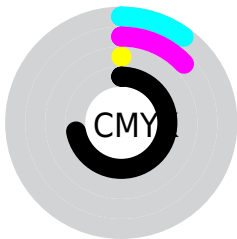
Blue (28%)



Red (25%)

Yellow (24%)

Blue (28%)

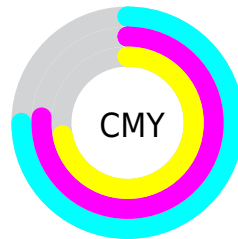


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403E47 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 403E47 by changing the saturation by 10% instead.

■ 403E47

■ 403E47

FFFFFF

■ 2A2831

■ 706D77

■ 16141C

■ 898791

■ 000000

■ A3A1AC

■ BEBCC7

■ DAD8E3

■ F7F4FF

■ 403E47

■ 403E47

■ 3A3747

■ 464547

■ 353047

■ 4B4C47

■ 2F2947

■ 515347

■ 2A2247

■ 565A47

■ 241A47

■ 5C6247

■ 1F1347

■ 616947

■ 190C47

■ 677047

■ 140547

■ 6C7747

■ 100047

■ 727E47

Harmonies

Analogous

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



3A4048



403E47



453D44

Triad

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



403E47



473D37



35423F

Complementary

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



403E47



45473E

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.



39413A



403E47



433F36

Square

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



403E47



493C3B



3E4037



344243

Rectangle

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



403E47



473C41



3E4037



36423D

Sweetspot

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



403E47



59585C



3E4547



2C2C2E



ADADAD



2E2E2E

Same Dimension

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



403E47



514E5C



443E47



212024



160063



3200E3

Inverse Universe

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



473E45



5C4E59



41473E



242023



63004D



E300B1

Previews

White Background



This preview shows how the Hex color 403E47 looks on a white background.

Color Contrast Check

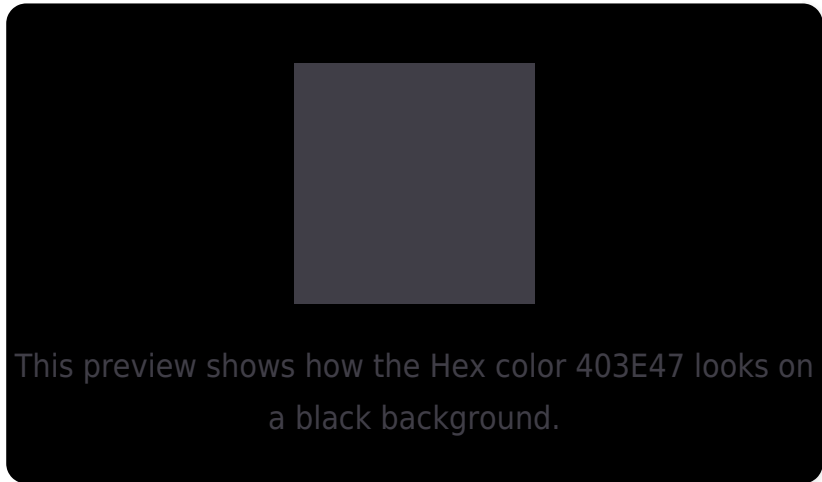
Large Text (above 18pt) WCAG AA ✓ Pass

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

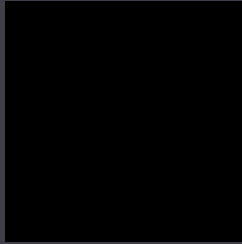
Any Text WCAG AA × Fail

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 403E47 Background



This preview shows how black text looks on a background with the Hex color 403E47.



This preview shows how white text looks on a background with the Hex color 403E47.

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
403E47

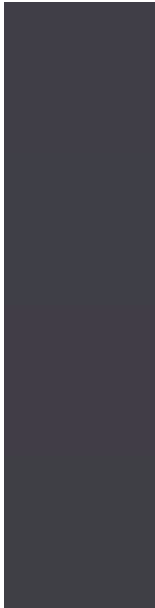
Protanopia
3E3F47

Deuteranopia
423D47



Tritanopia
3F3F44

Trichromacy



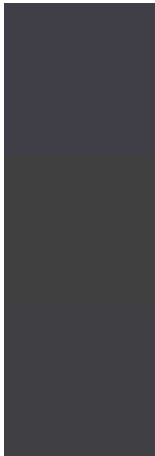
Original Color
403E47

Protanomaly
3F3F47

Deuteranomaly
413D47

Tritanomaly
3F3F45

Monochromacy



Original Color
403E47

Achromatopsia
404040

Achromatomaly
403F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 403E47 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 #403E47 looks like.

```
.text, #text, p{  
    color:#403E47  
}
```

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 #403E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403E47
}
```

Border

The CSS property to change the border of an element to Hex 403E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

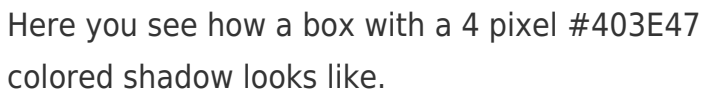
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403E47 }
```

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

```
.border{ border-color:#403E47 }
```

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



Here you see how a box with a 4 pixel #403E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403E47; -webkit-box-shadow:4px 4px  
4px 4px #403E47; box-shadow:4px 4px 4px  
4px #403E47 }
```

Background

The CSS property to change the background color of an element to Hex 403E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403E47 }
```

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

```
.background{ background-color:#403E47 }
```

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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