

Converting Colors

Hex(463A46)

Have a look what the booklet for
Hex(463A46) contains.

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Color

Hex(463A46)

Conversions

Conversions Part 1

Format	Color
Hex	463A46
RGB	70, 58, 70
RGB Percent	27%, 23%, 27%
CMY	0.7255, 0.7725, 0.7255
CMYK	0.00, 0.17, 0.00, 0.73
HSL	300°, 9%, 25%
HSV	300°, 17%, 27%
XYZ	5.1443, 4.7704, 6.4440
YIQ	62.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

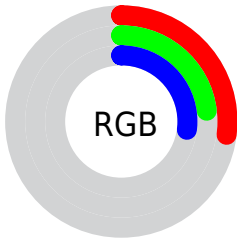
Format	Color
R_{YB}	70, 58, 70
Decimal	4602438
CIE Lab	26.07, 7.80, -5.41
CIE LCh	26, 9.486, 325.262
Yxy	4.7704, 0.3145, 0.2916
Android (android.graphics.Color)	4282792518 (0xFF463A46)
YUV	62.9560, 3.4727, 6.1776
Hunter-Lab	21.8412, 3.8205, -2.2039

Details

The Hex color **463A46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A463A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **766976**, and **1B101B** is the 20% darker color. If you saturate the color by 10%, you get **463346**, and if you desaturate by 10%, it is **464146**.

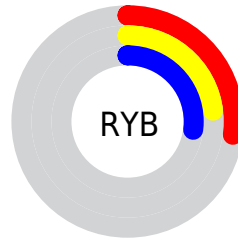
Distribution



Red (27%)

Green (23%)

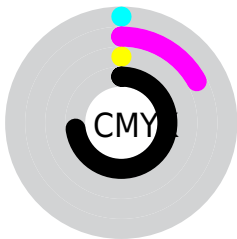
Blue (27%)



Red (27%)

Yellow (23%)

Blue (27%)

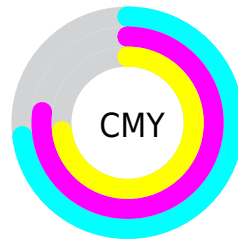


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463A46 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 463A46 by changing the saturation by 10% instead.

 463A46

 463A46

FFFFFF

 302430

 766976

 1B101B

 908290

 000000

 AB9CAA

 C6B7C6

 E2D3E2

 FFEFFE

 463A46

 463A46

 463346

 464146

■ 462C46

■ 464846

■ 462546

■ 464F46

■ 461E46

■ 465646

■ 461746

■ 465D46

■ 461046

■ 466446

■ 460946

■ 466B46

■ 460246

■ 467246

■ 460046

■ 467946

Harmonies

Analogous

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



3E3C4B



463A46



4B393F

Triad

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



463A46



443D2F



2A4244

Complementary

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



463A46



3A463A

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.



2D423C



463A46



3D3F31

Square

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



463A46



4A3B32



344135



2C4149

Rectangle

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



463A46



4D393A



344135



2B4241

Sweetspot

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



463A46



5C575C



3A3A46



2E2B2E



ADADAD



2E2E2E

Same Dimension

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



463A46



5C495C



463A40



242024



630063



E300E3

Inverse Universe

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



463A46



5C495C



3A4640



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 463A46 looks on a white background.

Color Contrast Check

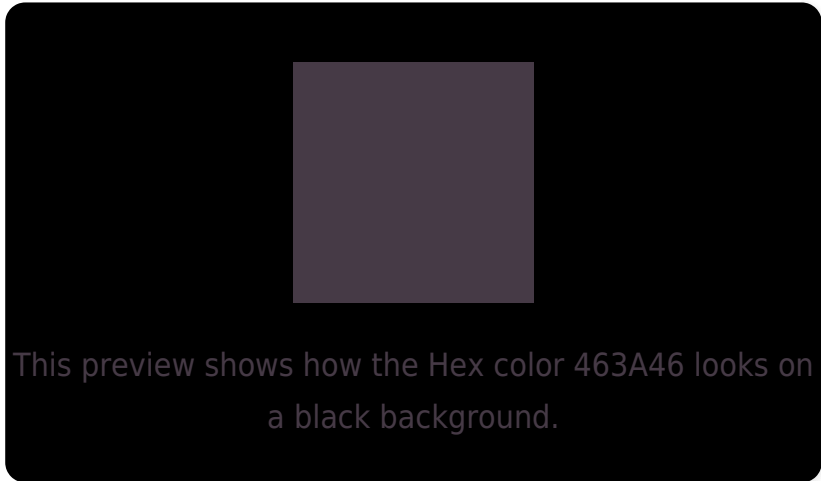
Large Text (above 18pt) WCAG AA ✓ Pass

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

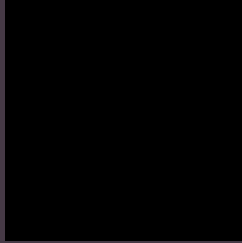
Any Text WCAG AA × Fail

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 463A46 Background



This preview shows how black text looks on a background with the Hex color 463A46.



This preview shows how white text looks on a background with the Hex color 463A46.

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](#).

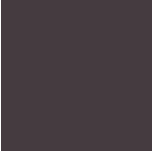
Dichromacy



Original Color
463A46

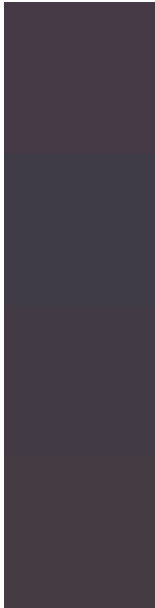
Protanopia
3C3D48

Deuteranopia
403C46



Tritanopia
453B40

Trichromacy



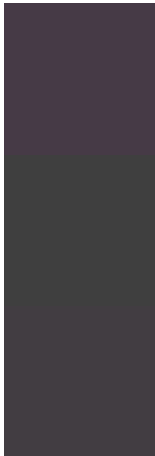
Original Color
463A46

Protanomaly
403C47

Deuteranomaly
423B46

Tritanomaly
453B42

Monochromacy



Original Color
463A46

Achromatopsia
3F3F3F

Achromatomaly
423D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 463A46 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 #463A46 looks like.

```
.text, #text, p{  
    color:#463A46  
}
```

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 #463A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A46
}
```

Border

The CSS property to change the border of an element to Hex 463A46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

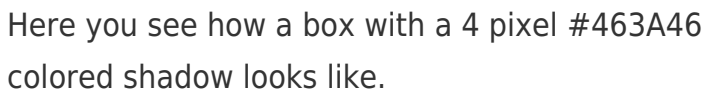
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463A46 }
```

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

```
.border{ border-color:#463A46 }
```

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



Here you see how a box with a 4 pixel #463A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A46; -webkit-box-shadow:4px 4px  
4px 4px #463A46; box-shadow:4px 4px 4px  
4px #463A46 }
```

Background

The CSS property to change the background color of an element to Hex 463A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A46 }
```

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

```
.background{ background-color:#463A46 }
```

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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