

Converting Colors

Hex(463730)

Have a look what the booklet for
Hex(463730) contains.

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Color

Hex(463730)

Conversions

Conversions Part 1

Format	Color
Hex	463730
RGB	70, 55, 48
RGB Percent	27%, 22%, 19%
CMY	0.7255, 0.7843, 0.8118
CMYK	0.00, 0.21, 0.31, 0.73
HSL	19°, 19%, 23%
HSV	19°, 31%, 27%
XYZ	4.4255, 4.2479, 3.3830
YIQ	58.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

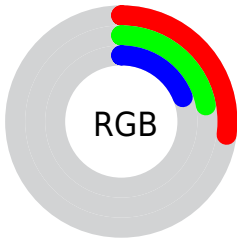
Format	Color
R_{YB}	70, 58, 48
Decimal	4601648
CIE Lab	24.47, 5.42, 6.91
CIE LCh	24, 8.780, 51.893
Yxy	4.2479, 0.3671, 0.3523
Android (android.graphics.Color)	4282791728 (0xFF463730)
YUV	58.6870, -5.2687, 9.9215
Hunter-Lab	20.6104, 2.2596, 4.6954

Details

The Hex color **463730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **303F46**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **77665E**, and **1C0B00** is the 20% darker color. If you saturate the color by 10%, you get **463229**, and if you desaturate by 10%, it is **463C37**.

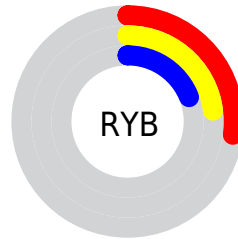
Distribution



Red (27%)

Green (22%)

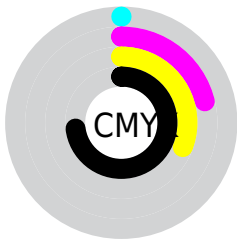
Blue (19%)



Red (27%)

Yellow (23%)

Blue (19%)

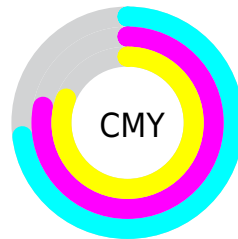


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (73%)



Cyan (73%)

Magenta (78%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463730 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 463730 by changing the saturation by 10% instead.

■ 463730

■ 463730

FFFFFF

■ 2F221B

■ 77665E

■ 1C0B00

■ 917F77

■ 000000

■ AB9990

■ C7B3AB

■ E3CFC6

■ FFEBE2

■ 463730

■ 463730

■ 463229

■ 463C37

■ 462D22

■ 46413E

■ 46291B

■ 464545

■ 462414

■ 464A4C

■ 461F0D

■ 464F53

■ 461A06

■ 46545A

■ 461600

■ 465861

■ 465D68

■ 46626F

Harmonies

Analogous

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



483635



463730



41392D

Triad

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



463730



2C3E38



393946

Complementary

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



463730



303F46

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.



303B47



463730



283E3F

Square

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



463730



333D32



2A3D44



413742

Rectangle

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



463730



3D3B2D



2A3D44



363A47

Sweetspot

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



463730



5C5654



46303F



2E2A29



ADADAD



2E2E2E

Same Dimension

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



463730



5C4439



464230



242120



632000



E34800

Inverse Universe

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



303F46



39515C



303446



202324



004463



009BE3

Previews

White Background



This preview shows how the Hex color 463730 looks on a white background.

Color Contrast Check

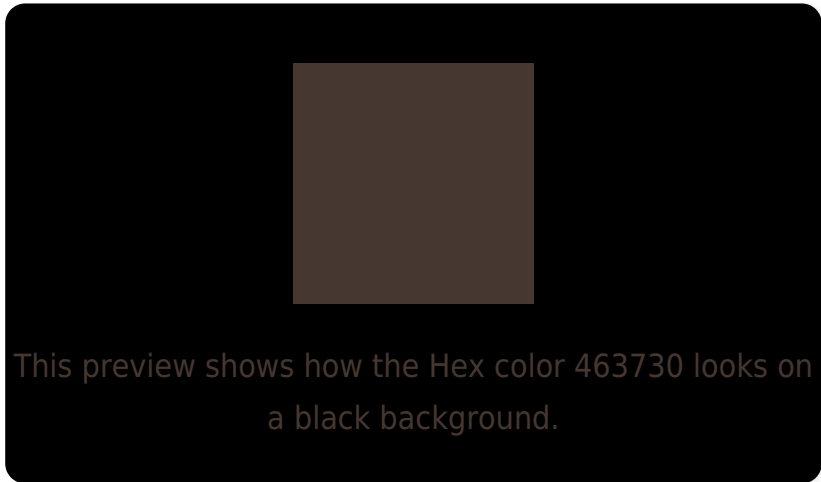
Large Text (above 18pt) WCAG AA ✓ Pass

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

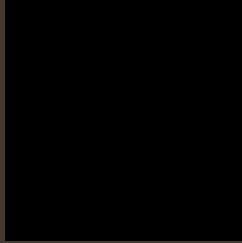
Any Text WCAG AA × Fail

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 463730 Background



This preview shows how black text looks on a background with the Hex color 463730.

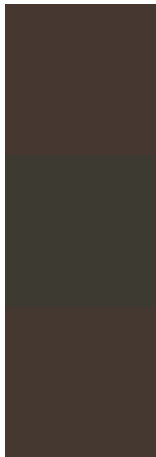


This preview shows how white text looks on a background with the Hex color 463730.

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](#).

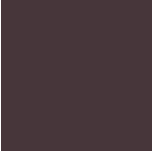
Dichromacy



Original Color
463730

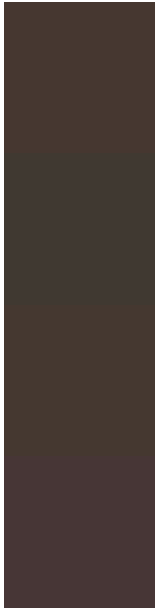
Protanopia
3D3A32

Deuteranopia
443830



Tritanopia
47363A

Trichromacy



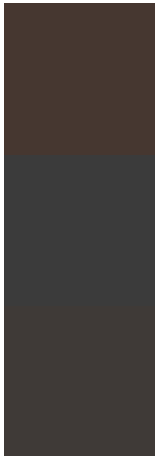
Original Color
463730

Protanomaly
403931

Deuteranomaly
453830

Tritanomaly
473636

Monochromacy



Original Color
463730

Achromatopsia
3B3B3B

Achromatomaly
3F3A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 463730 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 #463730 looks like.

```
.text, #text, p{  
    color:#463730  
}
```

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 #463730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463730
}
```

Border

The CSS property to change the border of an element to Hex 463730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

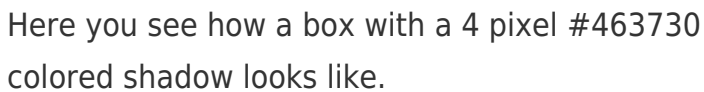
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463730 }
```

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

```
.border{ border-color:#463730 }
```

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



Here you see how a box with a 4 pixel #463730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463730; -webkit-box-shadow:4px 4px  
4px 4px #463730; box-shadow:4px 4px 4px  
4px #463730 }
```

Background

The CSS property to change the background color of an element to Hex 463730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463730 }
```

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

```
.background{ background-color:#463730 }
```

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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