

Converting Colors

Hex(463D37)

Have a look what the booklet for
Hex(463D37) contains.

Hex(463D37)	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(463D37)

Conversions

Conversions Part 1

Format	Color
Hex	463D37
RGB	70, 61, 55
RGB Percent	27%, 24%, 22%
CMY	0.7255, 0.7608, 0.7843
CMYK	0.00, 0.13, 0.21, 0.73
HSL	24°, 12%, 25%
HSV	24°, 21%, 27%
XYZ	4.8841, 4.9154, 4.3058
YIQ	63.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

Format	Color
R_{YB}	70, 65, 55
Decimal	4603191
CIE _{Lab}	26.49, 2.73, 5.12
CIE _{LCh}	26, 5.807, 61.938
Yxy	4.9154, 0.3463, 0.3485
Android (android.graphics.Color)	4282793271 (0xFF463D37)
YUV	63.0070, -3.9475, 6.1329
Hunter-Lab	22.1707, 0.5240, 4.0048

Details

The Hex color **463D37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **374046**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **766C66**, and **1B130B** is the 20% darker color. If you saturate the color by 10%, you get **463930**, and if you desaturate by 10%, it is **46413E**.

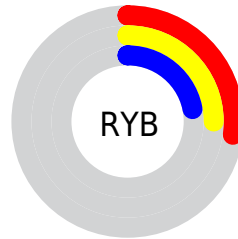
Distribution



Red (27%)

Green (24%)

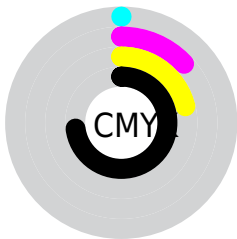
Blue (22%)



Red (27%)

Yellow (25%)

Blue (22%)

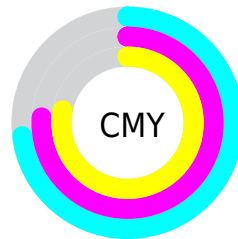


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463D37 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 463D37 by changing the saturation by 10% instead.

■ 463D37

■ 463D37

FFFFFF

■ 302722

■ 766C66

■ 1B130B

■ 90867F

■ 000000

■ ABA099

■ C6BBB3

■ E2D6CF

■ FFF3EB

■ 463D37

■ 463D37

■ 463930

■ 46413E

■ 463529

■ 464545

■ 463022

■ 464A4C

■ 462C1B

■ 464E53

■ 462814

■ 46525A

■ 46240D

■ 465661

■ 462006

■ 465A68

■ 461C00

■ 465F6F

■ 466376

Harmonies

Analogous

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



483C3A



463D37



423E36

Triad

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



463D37



35413F



403D46

Complementary

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



463D37



374046

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.



3A3F47



463D37



344143

Square

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



463D37



38413A



364046



453C43

Rectangle

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



463D37



3F3F36



364046



3E3E47

Sweetspot

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



463D37



5C5856



463740



2E2C2B



ADADAD



2E2E2E

Same Dimension

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



463D37



5C4D44



464437



242220



632800



E35B00

Inverse Universe

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



374046



44525C



373946



202224



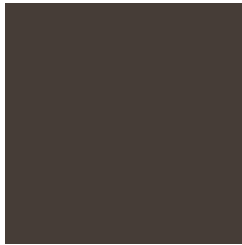
003C63



0088E3

Previews

White Background



This preview shows how the Hex color 463D37 looks on a white background.

Color Contrast Check

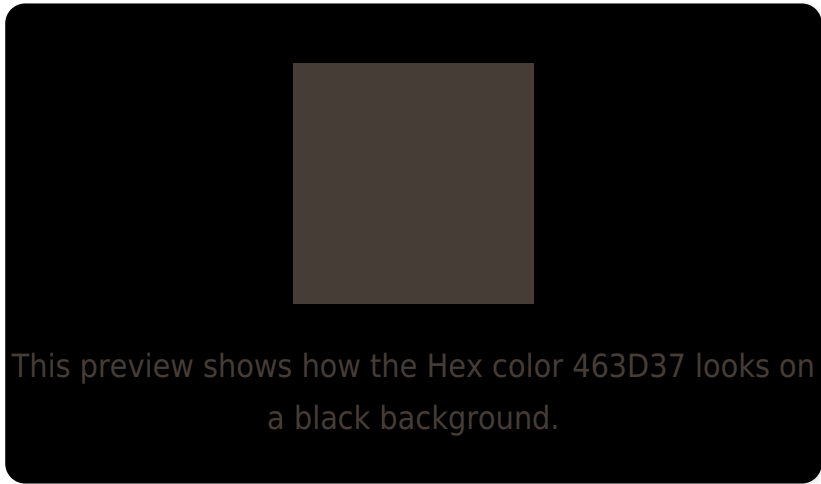
Large Text (above 18pt) WCAG AA ✓ Pass

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

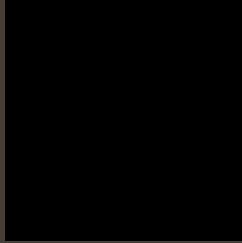
Any Text WCAG AA × Fail

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 463D37 Background



This preview shows how black text looks on a background with the Hex color 463D37.

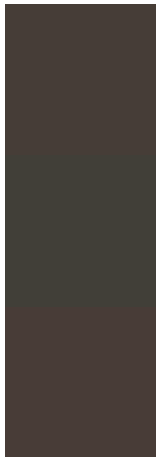


This preview shows how white text looks on a background with the Hex color 463D37.

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](#).

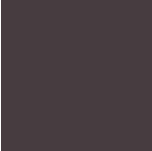
Dichromacy



Original Color
463D37

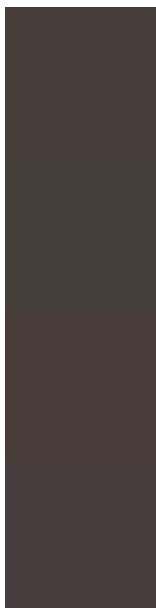
Protanopia
413F38

Deuteranopia
483C37



Tritanopia
473C40

Trichromacy



Original Color

463D37

Protanomaly

433E38

Deuteranomaly

473C37

Tritanomaly

473C3D

Monochromacy



Original Color

463D37

Achromatopsia

3F3F3F

Achromatomaly

423E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 463D37 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 #463D37 looks like.

```
.text, #text, p{  
    color:#463D37  
}
```

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 #463D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463D37  
}
```

Border

The CSS property to change the border of an element to Hex 463D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

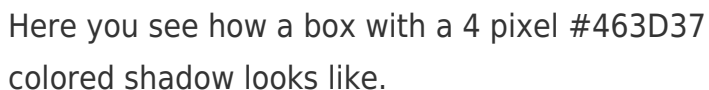
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#463D37 }
```

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

```
.border{ border-color:#463D37 }
```

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



Here you see how a box with a 4 pixel #463D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463D37; -webkit-box-shadow:4px 4px  
4px 4px #463D37; box-shadow:4px 4px 4px  
4px #463D37 }
```

Background

The CSS property to change the background color of an element to Hex 463D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463D37 }
```

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

```
.background{ background-color:#463D37 }
```

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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