

Converting Colors

Hex(463B3A)

Have a look what the booklet for
Hex(463B3A) contains.

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Color

Hex(463B3A)

Conversions

Conversions Part 1

Format	Color
Hex	463B3A
RGB	70, 59, 58
RGB Percent	27%, 23%, 23%
CMY	0.7255, 0.7686, 0.7725
CMYK	0.00, 0.16, 0.17, 0.73
HSL	5°, 9%, 25%
HSV	5°, 17%, 27%
XYZ	4.8535, 4.7355, 4.6612
YIQ	62.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

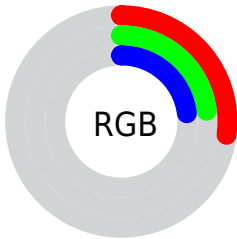
Format	Color
R_{YB}	70, 59, 58
Decimal	4602682
CIE Lab	25.97, 4.60, 2.39
CIE LCh	26, 5.189, 27.467
Yxy	4.7355, 0.3406, 0.3323
Android (android.graphics.Color)	4282792762 (0xFF463B3A)
YUV	62.1750, -2.0583, 6.8625
Hunter-Lab	21.7612, 1.7293, 2.5330

Details

The Hex color **463B3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4546**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **766A69**, and **1B110F** is the 20% darker color. If you saturate the color by 10%, you get **463533**, and if you desaturate by 10%, it is **464141**.

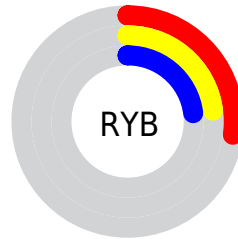
Distribution



Red (27%)

Green (23%)

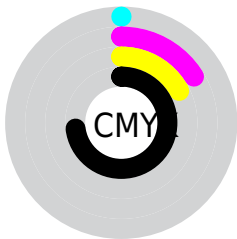
Blue (23%)



Red (27%)

Yellow (23%)

Blue (23%)

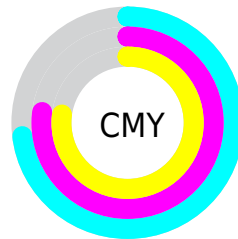


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463B3A 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 463B3A by changing the saturation by 10% instead.

■ 463B3A

■ 463B3A

FFFFFF

■ 302524

■ 766A69

■ 1B110F

■ 908382

■ 000000

■ AB9D9C

■ C6B8B7

■ E2D4D3

■ FFF0EF

■ 463B3A

■ 463B3A

■ 463533

■ 464141

■ 462E2C

■ 464848

■ 462825

■ 464E4F

■ 46211E

■ 465556

■ 461B17

■ 465B5D

■ 461510

■ 466264

■ 460E09

■ 46686B

■ 460802

■ 466E72

■ 460600

■ 467579

Harmonies

Analogous

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



453B3E



463B3A



443C37

Triad

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



463B3A



383F39



393E45

Complementary

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



463B3A



3A4546

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.



353F44



463B3A



35403D

Square

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



463B3A



3D3E36



344041



3E3D44

Rectangle

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



463B3A



423D36



344041



373E45

Sweetspot

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



463B3A



5C5857



463A45



2E2B2B



ADADAD



2E2E2E

Same Dimension

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



463B3A



5C4A49



46413A



242020



630800



E31300

Inverse Universe

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



3A4546



495A5C



3A3F46



202324



005B63



00D0E3

Previews

White Background



This preview shows how the Hex color 463B3A looks on a white background.

Color Contrast Check

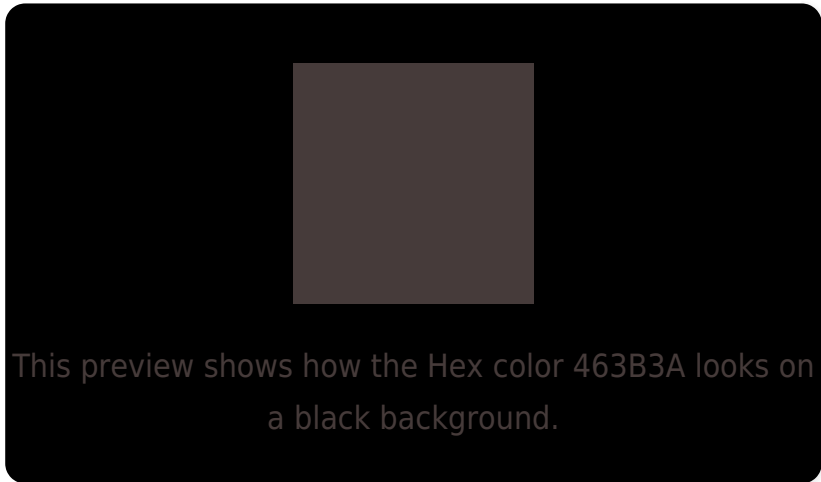
Large Text (above 18pt) WCAG AA ✓ Pass

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

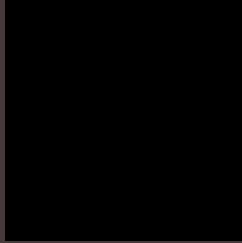
Any Text WCAG AA × Fail

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 463B3A Background



This preview shows how black text looks on a background with the Hex color 463B3A.

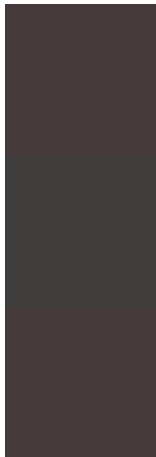


This preview shows how white text looks on a background with the Hex color 463B3A.

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
463B3A

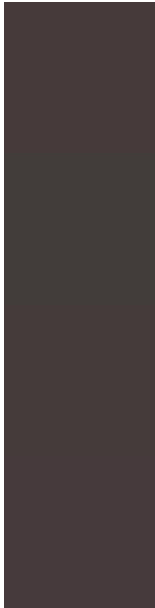
Protanopia
3F3D3B

Deuteranopia
453B3A



Tritanopia
473A3F

Trichromacy



Original Color

463B3A

Protanomaly

423C3B

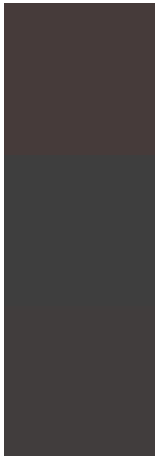
Deuteranomaly

453B3A

Tritanomaly

473A3D

Monochromacy



Original Color

463B3A

Achromatopsia

3E3E3E

Achromatomaly

413D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 463B3A 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 #463B3A looks like.

```
.text, #text, p{  
    color:#463B3A  
}
```

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 #463B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463B3A
}
```

Border

The CSS property to change the border of an element to Hex 463B3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

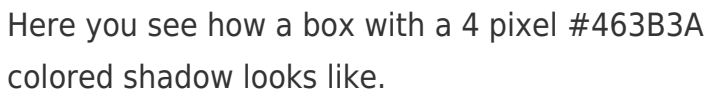
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463B3A }
```

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

```
.border{ border-color:#463B3A }
```

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



Here you see how a box with a 4 pixel #463B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463B3A; -webkit-box-shadow:4px 4px  
4px 4px #463B3A; box-shadow:4px 4px 4px  
4px #463B3A }
```

Background

The CSS property to change the background color of an element to Hex 463B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463B3A }
```

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

```
.background{ background-color:#463B3A }
```

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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