

Converting Colors

Hex(463A2A)

Have a look what the booklet for
Hex(463A2A) contains.

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Color

Hex(463A2A)

Conversions

Conversions Part 1

Format	Color
Hex	463A2A
RGB	70, 58, 42
RGB Percent	27%, 23%, 16%
CMY	0.7255, 0.7725, 0.8353
CMYK	0.00, 0.17, 0.40, 0.73
HSL	34°, 25%, 22%
HSV	34°, 40%, 27%
XYZ	4.4568, 4.4954, 2.8233
YIQ	59.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

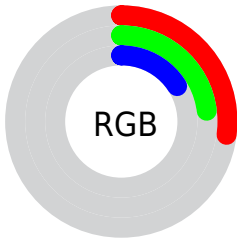
Format	Color
RYB	63, 70, 42
Decimal	4602410
CIELab	25.25, 2.52, 11.92
CIELCh	25, 12.180, 78.074
Yxy	4.4954, 0.3785, 0.3818
Android (android.graphics.Color)	4282792490 (0xFF463A2A)
YUV	59.7640, -8.7577, 8.9770
Hunter-Lab	21.2023, 0.4170, 6.9466

Details

The Hex color **463A2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3646**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **776957**, and **1B0F00** is the 20% darker color. If you saturate the color by 10%, you get **463723**, and if you desaturate by 10%, it is **463D31**.

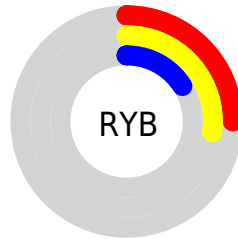
Distribution



Red (27%)

Green (23%)

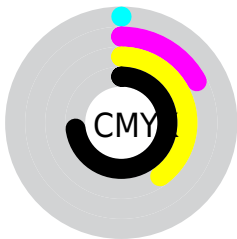
Blue (16%)



Red (25%)

Yellow (27%)

Blue (16%)

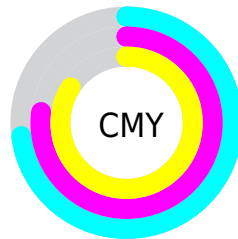


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463A2A 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 463A2A by changing the saturation by 10% instead.



463A2A



463A2A

FFFFFF



2F2415



776957



1B0F00



918270



000000



AC9C89



C7B7A4



E3D3BF



FFEFD8



FFFFE0



463A2A



463A2A

■ 463723

■ 463D31

■ 46341C

■ 464038

■ 463115

■ 46433F

■ 462E0E

■ 464646

■ 462B07

■ 46494D

■ 462800

■ 464C54

■ 464F5B

■ 465262

■ 465569

Harmonies

Analogous

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



4C372F



463A2A



3D3D2A

Triad

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



463A2A



214141



443848

Complementary

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



463A2A



2A3646

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.



383B4D



463A2A



224049

Square

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



463A2A



284138



2C3E4E



4C3640

Rectangle

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



463A2A



363F2D



2C3E4E



40394A

Sweetspot

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



463A2A



5C5751



462A36



2E2B27



ADADAD



2E2E2E

Same Dimension

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



463A2A



5C4930



44462A



242220



633900



E38200

Inverse Universe

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



2A3646



30435C



2C2A46



202224



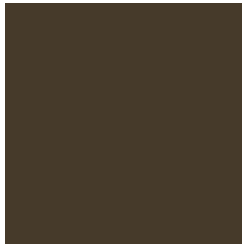
002B63



0061E3

Previews

White Background



This preview shows how the Hex color 463A2A looks on a white background.

Color Contrast Check

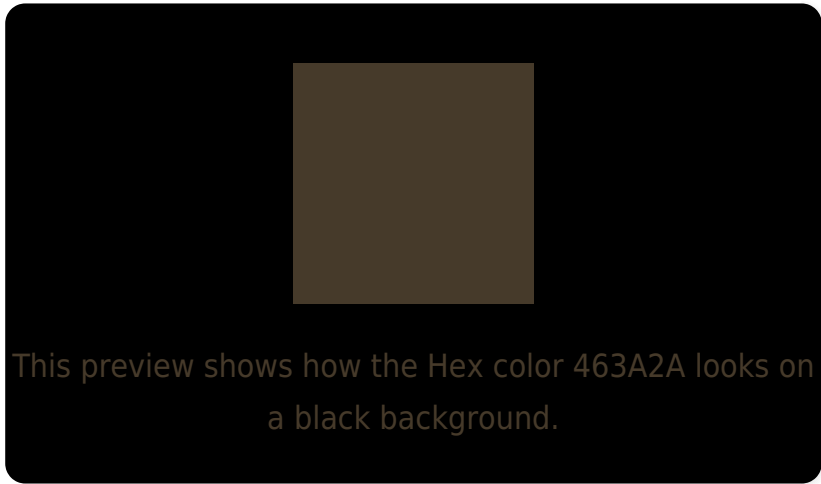
Large Text (above 18pt) WCAG AA ✓ Pass

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

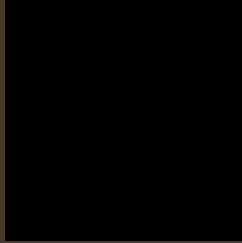
Any Text WCAG AA × Fail

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 463A2A Background



This preview shows how black text looks on a background with the Hex color 463A2A.

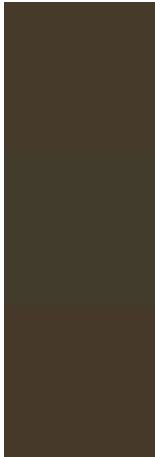


This preview shows how white text looks on a background with the Hex color 463A2A.

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](#).

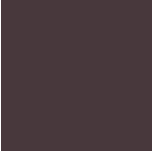
Dichromacy



Original Color
463A2A

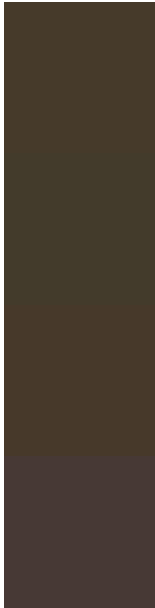
Protanopia
413C2B

Deuteranopia
47392A



Tritanopia
48383C

Trichromacy



Original Color
463A2A

Protanomaly
433B2B

Deuteranomaly
47392A

Tritanomaly
473935

Monochromacy



Original Color
463A2A

Achromatopsia
3C3C3C

Achromatomaly
403B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 463A2A 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 #463A2A looks like.

```
.text, #text, p{  
    color:#463A2A  
}
```

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 #463A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A2A
}
```

Border

The CSS property to change the border of an element to Hex 463A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

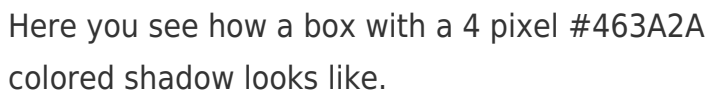
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463A2A }
```

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

```
.border{ border-color:#463A2A }
```

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



Here you see how a box with a 4 pixel #463A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A2A; -webkit-box-shadow:4px 4px  
4px 4px #463A2A; box-shadow:4px 4px 4px  
4px #463A2A }
```

Background

The CSS property to change the background color of an element to Hex 463A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A2A }
```

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

```
.background{ background-color:#463A2A }
```

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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