

Converting Colors

Hex(4A463B)

Have a look what the booklet for
Hex(4A463B) contains.

Hex(4A463B)	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(4A463B)

Conversions

Conversions Part 1

Format	Color
Hex	4A463B
RGB	74, 70, 59
RGB Percent	29%, 27%, 23%
CMY	0.7098, 0.7255, 0.7686
CMYK	0.00, 0.05, 0.20, 0.71
HSL	44°, 11%, 26%
HSV	44°, 20%, 29%
XYZ	5.8036, 6.1519, 5.0192
YIQ	69.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

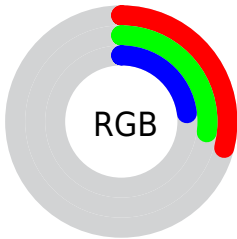
Format	Color
RYB	64, 74, 59
Decimal	4867643
CIELab	29.79, -0.49, 7.24
CIELCh	30, 7.258, 93.886
Yxy	6.1519, 0.3419, 0.3624
Android (android.graphics.Color)	4283057723 (0xFF4A463B)
YUV	69.9420, -5.3944, 3.5589
Hunter-Lab	24.8031, -1.6386, 5.3640

Details

The Hex color **4A463B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3F4A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7B766A**, and **1E1B11** is the 20% darker color. If you saturate the color by 10%, you get **4A4434**, and if you desaturate by 10%, it is **4A4842**.

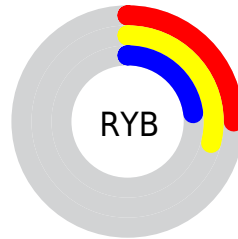
Distribution



Red (29%)

Green (27%)

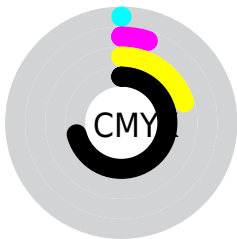
Blue (23%)



Red (25%)

Yellow (29%)

Blue (23%)

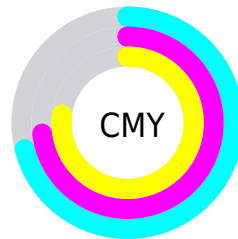


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A463B 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 4A463B by changing the saturation by 10% instead.



4A463B



4A463B

FFFFFF



333025



7B766A



1E1B11



959083



000000



AFAA9D



CBC6B8



E7E2D4



FFFEFO



4A463B



4A463B



4A4434



4A4842

■ 4A422C

■ 4A4A4A

■ 4A4025

■ 4A4C51

■ 4A3E1D

■ 4A4E59

■ 4A3C16

■ 4A5060

■ 4A3A0F

■ 4A5267

■ 4A3807

■ 4A546F

■ 4A3600

■ 4A5676

■ 4A587E

Harmonies

Analogous

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



4F443C



4A463B



44483D

Triad

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



4A463B



38494C



4E434B

Complementary

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



4A463B



3B3F4A

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.



48444F



4A463B



3B4850

Square

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



4A463B



394A47



414651



524246

Rectangle

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



4A463B



3F493F



414651



4C434D

Sweetspot

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



4A463B



615F5B



4A3B3F



30302D



B0B0B0



303030

Same Dimension

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



4A463B



615B4A



474A3B



262522



664B00



E6A800

Inverse Universe

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



3B3F4A



4A5061



3F3B4A



222326



001B66



003DE6

Previews

White Background



This preview shows how the Hex color 4A463B looks on a white background.

Color Contrast Check

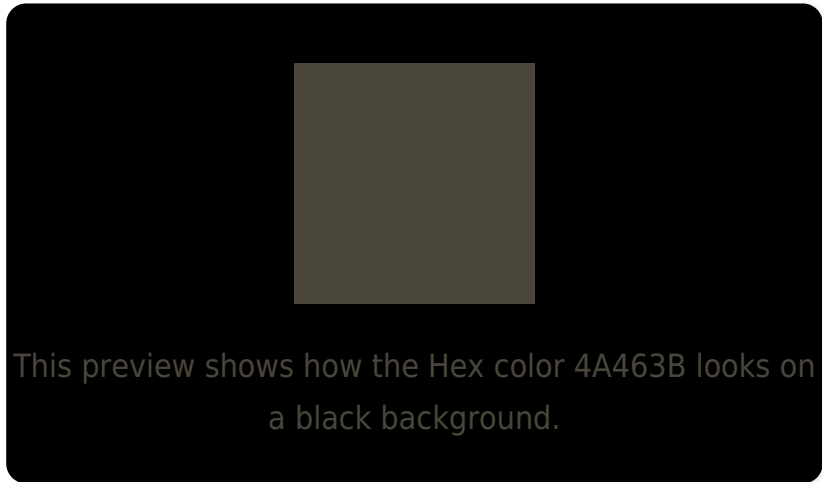
Large Text (above 18pt) WCAG AA ✓ Pass

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

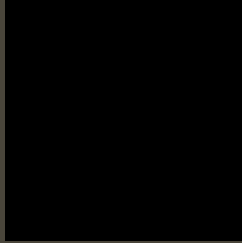
Any Text WCAG AA × Fail

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 4A463B Background



This preview shows how black text looks on a background with the Hex color 4A463B.

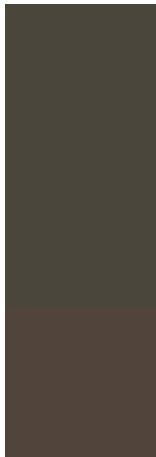


This preview shows how white text looks on a background with the Hex color 4A463B.

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
4A463B

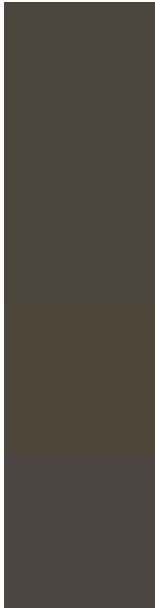
Protanopia
4A463B

Deuteranopia
51443B



Tritanopia
4C4449

Trichromacy



Original Color

4A463B

Protanomaly

4A463B

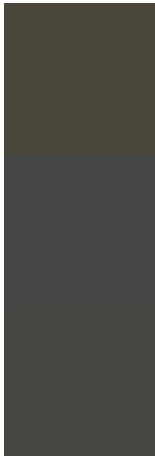
Deuteranomaly

4E453B

Tritanomaly

4B4544

Monochromacy



Original Color

4A463B

Achromatopsia

464646

Achromatomaly

474642

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A463B 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 #4A463B looks like.

```
.text, #text, p{  
    color:#4A463B  
}
```

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 #4A463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A463B
}
```

Border

The CSS property to change the border of an element to Hex 4A463B is called "border". The border property can be set on classes, ids or directly on the HTML element.

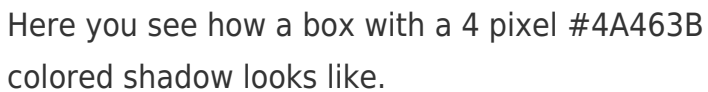
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A463B }
```

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

```
.border{ border-color:#4A463B }
```

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



Here you see how a box with a 4 pixel #4A463B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A463B; -webkit-box-shadow:4px 4px  
4px 4px #4A463B; box-shadow:4px 4px 4px  
4px #4A463B }
```

Background

The CSS property to change the background color of an element to Hex 4A463B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A463B }
```

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

```
.background{ background-color:#4A463B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor