

Converting Colors

Hex(463F33)

Have a look what the booklet for
Hex(463F33) contains.

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Color

Hex(463F33)

Conversions

Conversions Part 1

Format	Color
Hex	463F33
RGB	70, 63, 51
RGB Percent	27%, 25%, 20%
CMY	0.7255, 0.7529, 0.8000
CMYK	0.00, 0.10, 0.27, 0.73
HSL	38°, 16%, 24%
HSV	38°, 27%, 27%
XYZ	4.9008, 5.0961, 3.8573
YIQ	63.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

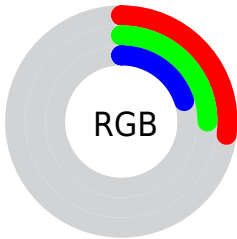
Format	Color
RYB	62, 70, 51
Decimal	4603699
CIELab	27.01, 0.73, 8.46
CIELCh	27, 8.495, 85.098
Yxy	5.0961, 0.3537, 0.3678
Android (android.graphics.Color)	4282793779 (0xFF463F33)
YUV	63.7250, -6.2734, 5.5032
Hunter-Lab	22.5746, -0.7540, 5.6713

Details

The Hex color **463F33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333A46**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **776F61**, and **1B1505** is the 20% darker color. If you saturate the color by 10%, you get **463C2C**, and if you desaturate by 10%, it is **46423A**.

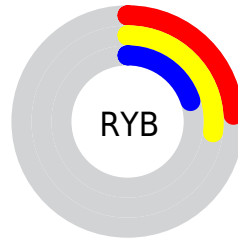
Distribution



Red (27%)

Green (25%)

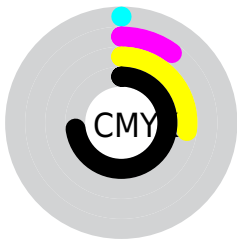
Blue (20%)



Red (24%)

Yellow (27%)

Blue (20%)

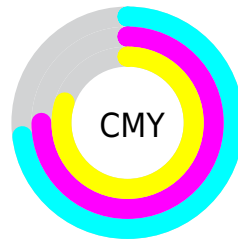


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463F33 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 463F33 by changing the saturation by 10% instead.

■ 463F33

■ 463F33

FFFFFF

■ 2F291E

■ 776F61

■ 1B1505

■ 90887A

■ 000000

■ ABA294

■ C6BDAF

■ E2D9CA

■ FFF5E6

■ 463F33

■ 463F33

■ 463C2C

■ 46423A

■ 463A25

■ 464441

■ 46371E

■ 464748

■ 463517

■ 46494F

■ 463210

■ 464C56

■ 463009

■ 464E5D

■ 462D02

■ 465164

■ 462C00

■ 46546B

■ 465672

Harmonies

Analogous

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



4B3D35



463F33



3F4134

Triad

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



463F33



2F4345



473D47

Complementary

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



463F33



333A46

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.



403F4C



463F33



31424A

Square

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



463F33



31443E



37414D



4C3B41

Rectangle

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



463F33



3A4237



37414D



453D49

Sweetspot

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



463F33



5C5954



46333A



2E2C29



ADADAD



2E2E2E

Same Dimension

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



463F33



5C513E



444633



242220



633F00



E38F00

Inverse Universe

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



333A46



3E495C



353346



202124



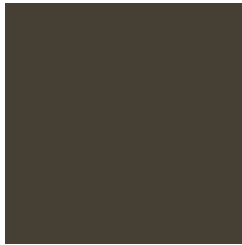
002563



0054E3

Previews

White Background



This preview shows how the Hex color 463F33 looks on a white background.

Color Contrast Check

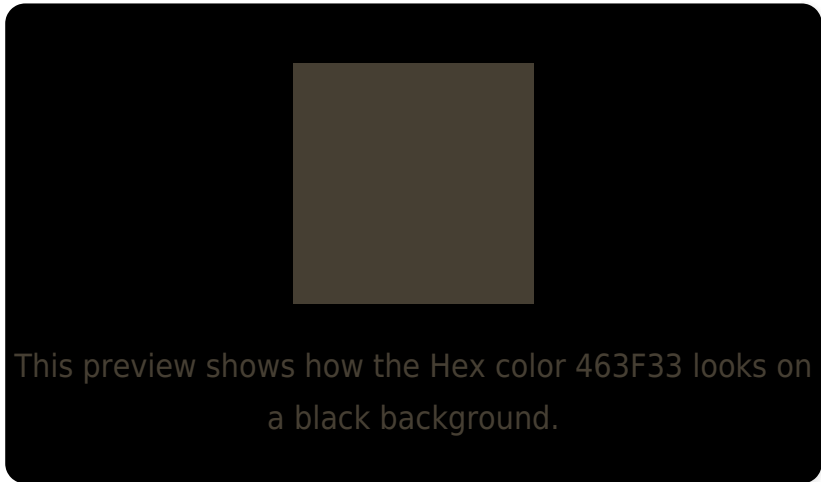
Large Text (above 18pt) WCAG AA ✓ Pass

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

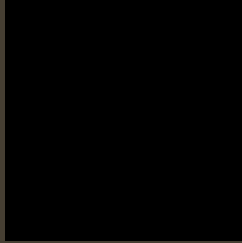
Any Text WCAG AA × Fail

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 463F33 Background



This preview shows how black text looks on a background with the Hex color 463F33.

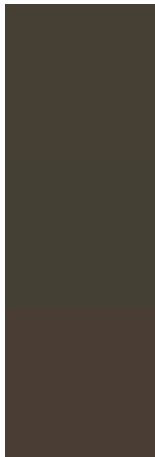


This preview shows how white text looks on a background with the Hex color 463F33.

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](#).

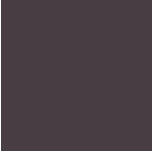
Dichromacy



Original Color
463F33

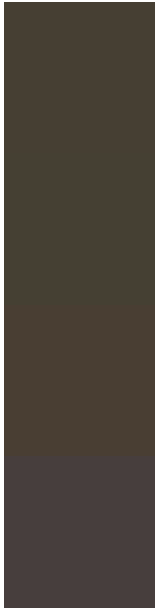
Protanopia
444033

Deuteranopia
4A3D33



Tritanopia
483D42

Trichromacy



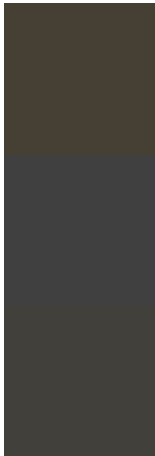
Original Color
463F33

Protanomaly
454033

Deuteranomaly
493E33

Tritanomaly
473E3D

Monochromacy



Original Color
463F33

Achromatopsia
404040

Achromatomaly
42403B

CSS Examples

Text

The CSS property to change the color of the text to Hex 463F33 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 #463F33 looks like.

```
.text, #text, p{  
    color:#463F33  
}
```

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 #463F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463F33
}
```

Border

The CSS property to change the border of an element to Hex 463F33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

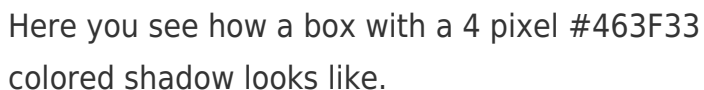
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463F33 }
```

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

```
.border{ border-color:#463F33 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #463F33 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #463F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463F33; -webkit-box-shadow:4px 4px  
4px 4px #463F33; box-shadow:4px 4px 4px  
4px #463F33 }
```

Background

The CSS property to change the background color of an element to Hex 463F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463F33 }
```

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

```
.background{ background-color:#463F33 }
```

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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