

Converting Colors

Hex(462C3E)

Have a look what the booklet for
Hex(462C3E) contains.

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Color

Hex(462C3E)

Conversions

Conversions Part 1

Format	Color
Hex	462C3E
RGB	70, 44, 62
RGB Percent	27%, 17%, 24%
CMY	0.7255, 0.8275, 0.7569
CMYK	0.00, 0.37, 0.11, 0.73
HSL	318°, 23%, 22%
HSV	318°, 37%, 27%
XYZ	4.2960, 3.4513, 4.9972
YIQ	53.8260, 9.7180, 11.1100

Conversions

Conversions Part 2

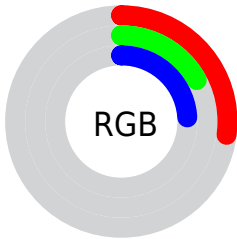
Format	Color
RYB	70, 44, 62
Decimal	4598846
CIELab	21.77, 15.32, -6.49
CIElCh	22, 16.634, 337.034
Yxy	3.4513, 0.3371, 0.2708
Android (android.graphics.Color)	4282788926 (0xFF462C3E)
YUV	53.8260, 4.0298, 14.1846
Hunter-Lab	18.5776, 8.7665, -2.9441

Details

The Hex color **462C3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C4634**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **775A6D**, and **1C0014** is the 20% darker color. If you saturate the color by 10%, you get **46253C**, and if you desaturate by 10%, it is **463340**.

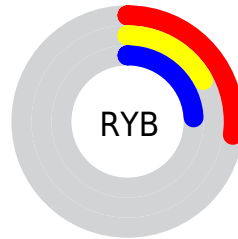
Distribution



Red (27%)

Green (17%)

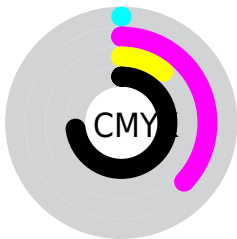
Blue (24%)



Red (27%)

Yellow (17%)

Blue (24%)

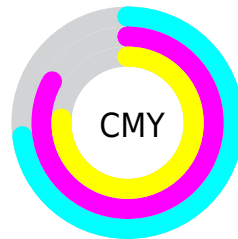


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (73%)



Cyan (73%)

Magenta (83%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462C3E 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 462C3E by changing the saturation by 10% instead.

■ 462C3E

■ 462C3E

FFFFFF

■ 2F1728

■ 775A6D

■ 1C0014

■ 917387

■ 000000

■ AB8CA1

■ C7A7BC

■ E3C2D8

■ FFDEF4

■ FFFBFF

■ 462C3E

■ 462C3E

■ 46253C

■ 463340

■ 461E3A

■ 463A42

■ 461738

■ 464144

■ 461035

■ 464847

■ 460933

■ 464F49

■ 460231

■ 46564B

■ 460030

■ 465D4D

■ 46644F

■ 466B51

Harmonies

Analogous

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



393048



462C3E



4C2B32

Triad

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



462C3E



39341B



023A43

Complementary

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



462C3E



2C4634

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.



0C3B37



462C3E



2C3820

Square

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



462C3E



44301E



1D3A2A



11384B

Rectangle

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



462C3E



4C2B2A



1D3A2A



023B3F

Sweetspot

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



462C3E



5C5259



342C46



2E282C



ADADAD



2E2E2E

Same Dimension

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



462C3E



5C324F



462C31



242023



630045



E3009D

Inverse Universe

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



462C3E



5C324F



2C4641



242023



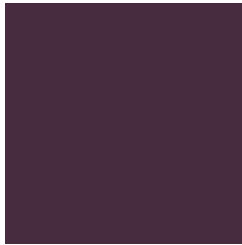
630045



E3009D

Previews

White Background



This preview shows how the Hex color 462C3E looks on a white background.

Color Contrast Check

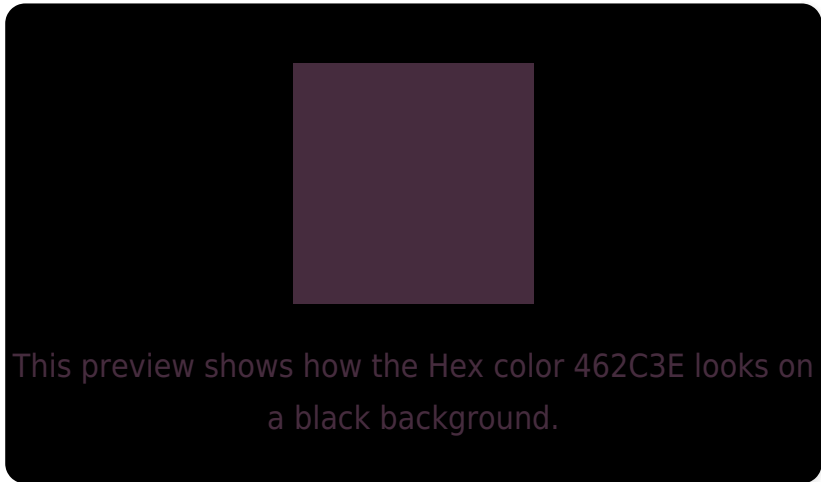
Large Text (above 18pt) WCAG AA ✓ Pass

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

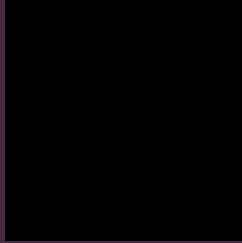
Any Text WCAG AA × Fail

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 462C3E Background



This preview shows how black text looks on a background with the Hex color 462C3E.



This preview shows how white text looks on a background with the Hex color 462C3E.

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
462C3E

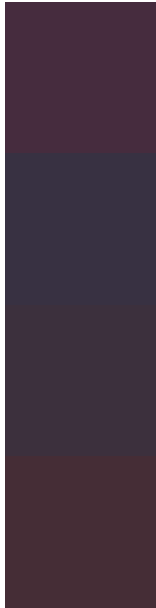
Protanopia
303444

Deuteranopia
36333D



Tritanopia
452E32

Trichromacy



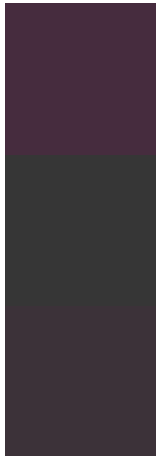
Original Color
462C3E

Protanomaly
383142

Deuteranomaly
3C303D

Tritanomaly
452D36

Monochromacy



Original Color
462C3E

Achromatopsia
363636

Achromatomaly
3C3239

CSS Examples

Text

The CSS property to change the color of the text to Hex 462C3E 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 #462C3E looks like.

```
.text, #text, p{  
    color:#462C3E  
}
```

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 #462C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462C3E
}
```

Border

The CSS property to change the border of an element to Hex 462C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

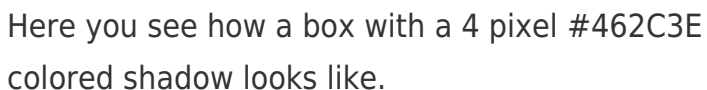
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462C3E }
```

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

```
.border{ border-color:#462C3E }
```

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



Here you see how a box with a 4 pixel #462C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462C3E; -webkit-box-shadow:4px 4px  
4px 4px #462C3E; box-shadow:4px 4px 4px  
4px #462C3E }
```

Background

The CSS property to change the background color of an element to Hex 462C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462C3E }
```

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

```
.background{ background-color:#462C3E }
```

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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