

Converting Colors

Hex(462E2E)

Have a look what the booklet for
Hex(462E2E) contains.

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Color

Hex(462E2E)

Conversions

Conversions Part 1

Format	Color
Hex	462E2E
RGB	70, 46, 46
RGB Percent	27%, 18%, 18%
CMY	0.7255, 0.8196, 0.8196
CMYK	0.00, 0.34, 0.34, 0.73
HSL	0°, 21%, 23%
HSV	0°, 34%, 27%
XYZ	3.9959, 3.4533, 3.0407
YIQ	53.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

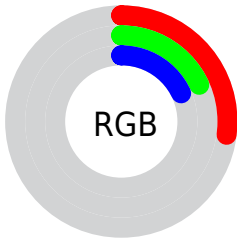
Format	Color
R_{YB}	70, 46, 46
Decimal	4599342
CIE _{Lab}	21.77, 11.04, 4.45
CIE _{LCh}	22, 11.899, 21.965
Yxy	3.4533, 0.3809, 0.3292
Android (android.graphics.Color)	4282789422 (0xFF462E2E)
YUV	53.1760, -3.5378, 14.7546
Hunter-Lab	18.5832, 5.8622, 3.3067

Details

The Hex color **462E2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E4646**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **775C5C**, and **1C0000** is the 20% darker color. If you saturate the color by 10%, you get **462727**, and if you desaturate by 10%, it is **463535**.

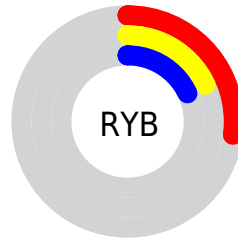
Distribution



Red (27%)

Green (18%)

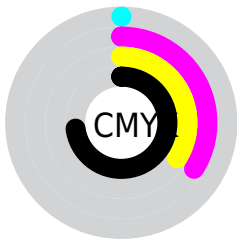
Blue (18%)



Red (27%)

Yellow (18%)

Blue (18%)

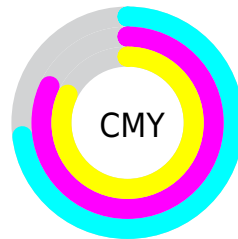


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462E2E 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 462E2E by changing the saturation by 10% instead.



462E2E



462E2E

FFFFFF



2F1919



775C5C



1C0000



917574



000000



AC8E8E



C7A9A8



E4C4C3



FFE0DF



FFFDFC



462E2E



462E2E

■ 462727

■ 463535

■ 462020

■ 463C3C

■ 461919

■ 464343

■ 461212

■ 464A4A

■ 460B0B

■ 465151

■ 460404

■ 465858

■ 460000

■ 465F5F

■ 466666

■ 466D6D

Harmonies

Analogous

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



442E37



462E2E



433027

Triad

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



462E2E



2A3829



263645

Complementary

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



462E2E



2E4646

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.



1C3842



462E2E



203931

Square

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



462E2E



343624



1A393A



323344

Rectangle

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



462E2E



3F3224



1A393A



223745

Sweetspot

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



462E2E



5C5353



462E46



2E2828



ADADAD



2E2E2E

Same Dimension

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



462E2E



5C3636



463A2E



242020



630000



E30000

Inverse Universe

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



2E4646



365C5C



2E3A46



202424



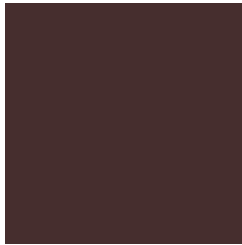
006363



00E3E3

Previews

White Background



This preview shows how the Hex color 462E2E looks on a white background.

Color Contrast Check

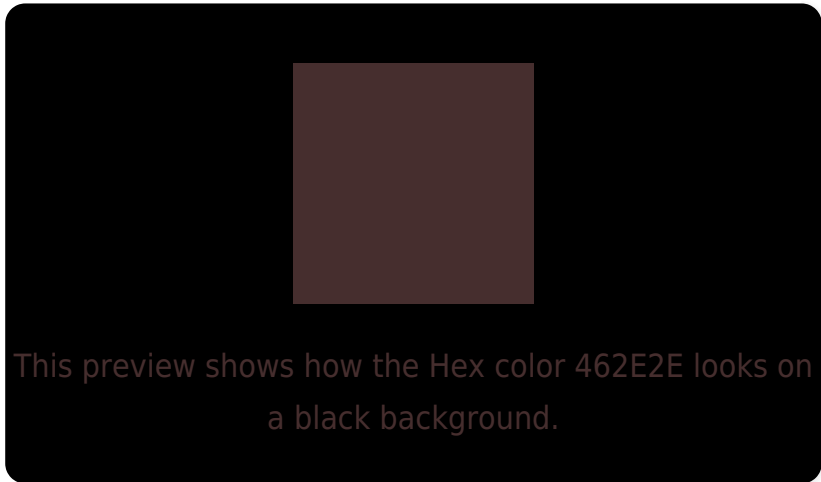
Large Text (above 18pt) WCAG AA ✓ Pass

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

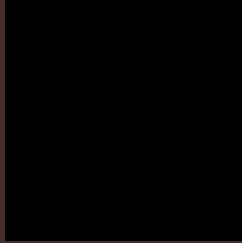
Any Text WCAG AA × Fail

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 462E2E Background



This preview shows how black text looks on a background with the Hex color 462E2E.

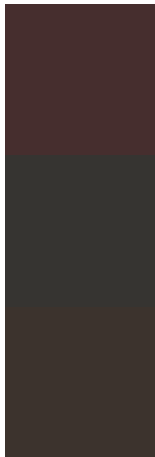


This preview shows how white text looks on a background with the Hex color 462E2E.

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
462E2E

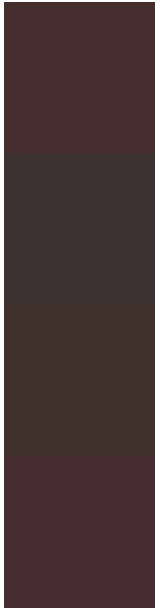
Protanopia
363431

Deuteranopia
3C332D



Tritanopia
462E31

Trichromacy



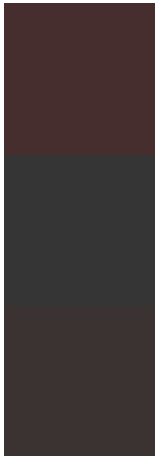
Original Color
462E2E

Protanomaly
3C3230

Deuteranomaly
40312D

Tritanomaly
462E30

Monochromacy



Original Color
462E2E

Achromatopsia
353535

Achromatomaly
3B3232

CSS Examples

Text

The CSS property to change the color of the text to Hex 462E2E 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 #462E2E looks like.

```
.text, #text, p{  
    color:#462E2E  
}
```

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 #462E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462E2E
}
```

Border

The CSS property to change the border of an element to Hex 462E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

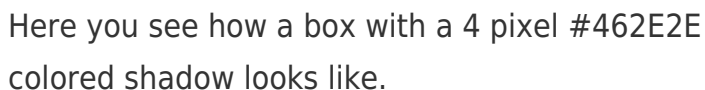
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462E2E }
```

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

```
.border{ border-color:#462E2E }
```

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



Here you see how a box with a 4 pixel #462E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462E2E; -webkit-box-shadow:4px 4px  
4px 4px #462E2E; box-shadow:4px 4px 4px  
4px #462E2E }
```

Background

The CSS property to change the background color of an element to Hex 462E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462E2E }
```

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

```
.background{ background-color:#462E2E }
```

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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