

Converting Colors

Hex(46312E)

Have a look what the booklet for
Hex(46312E) contains.

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Color

Hex(46312E)

Conversions

Conversions Part 1

Format	Color
Hex	46312E
RGB	70, 49, 46
RGB Percent	27%, 19%, 18%
CMY	0.7255, 0.8078, 0.8196
CMYK	0.00, 0.30, 0.34, 0.73
HSL	8°, 21%, 23%
HSV	8°, 34%, 27%
XYZ	4.1172, 3.6960, 3.0812
YIQ	54.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

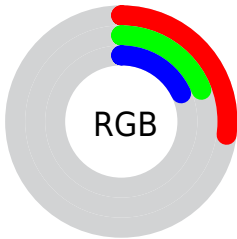
Format	Color
R_YB	70, 49, 46
Decimal	4600110
CIE Lab	22.64, 9.05, 5.67
CIE LCh	23, 10.682, 32.086
Yxy	3.6960, 0.3779, 0.3393
Android (android.graphics.Color)	4282790190 (0xFF46312E)
YUV	54.9370, -4.4059, 13.2103
Hunter-Lab	19.2249, 4.5843, 3.9551

Details

The Hex color **46312E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E4346**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **775F5C**, and **1C0200** is the 20% darker color. If you saturate the color by 10%, you get **462B27**, and if you desaturate by 10%, it is **463735**.

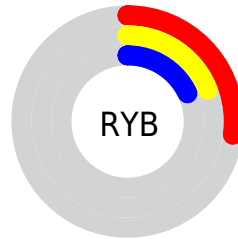
Distribution



Red (27%)

Green (19%)

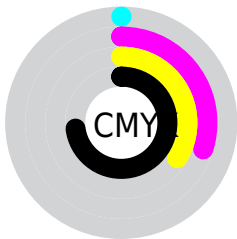
Blue (18%)



Red (27%)

Yellow (19%)

Blue (18%)

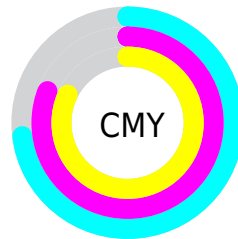


Cyan (0%)

Magenta (30%)

Yellow (34%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46312E 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 46312E by changing the saturation by 10% instead.



46312E



46312E

FFFFFF



2F1C19



775F5C



1C0200



917874



000000



AC928E



C7ACA8



E3C8C3



FFE4DF



FFFFFC



46312E



46312E

■ 462B27

■ 463735

■ 462520

■ 463D3C

■ 461F19

■ 464343

■ 461912

■ 464A4A

■ 46120B

■ 465051

■ 460C04

■ 465658

■ 460900

■ 465C5F

■ 466266

■ 46686D

Harmonies

Analogous

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



463036



46312E



423328

Triad

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



46312E



2A3A2E



2D3746

Complementary

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



46312E



2E4346

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.



233944



46312E



223B36

Square

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



46312E



333828



1F3A3E



383443

Rectangle

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



46312E



3E3526



1F3A3E



2A3746

Sweetspot

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



46312E



5C5453



462E43



2E2928



ADADAD



2E2E2E

Same Dimension

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



46312E



5C3B36



463D2E



242120



630C00



E31C00

Inverse Universe

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



2E4346



36575C



2E3746



202324



005763



00C7E3

Previews

White Background



This preview shows how the Hex color 46312E looks on a white background.

Color Contrast Check

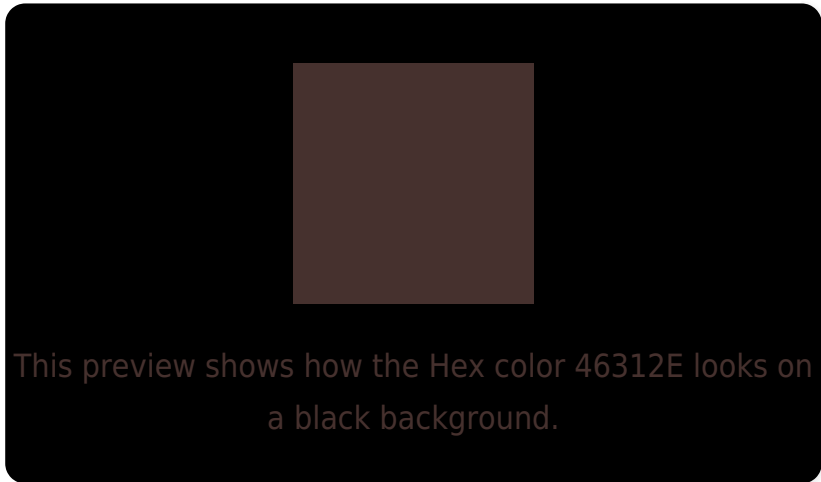
Large Text (above 18pt) WCAG AA ✓ Pass

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

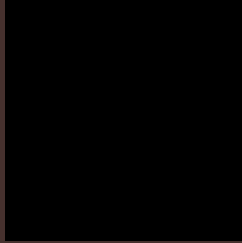
Any Text WCAG AA × Fail

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 46312E Background



This preview shows how black text looks on a background with the Hex color 46312E.

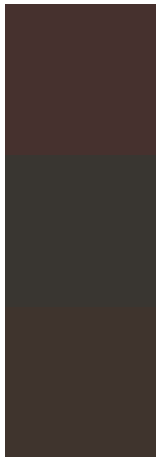


This preview shows how white text looks on a background with the Hex color 46312E.

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
46312E

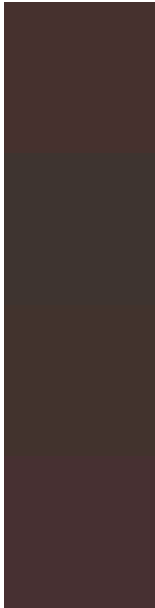
Protanopia
393631

Deuteranopia
3F342D



Tritanopia
473034

Trichromacy



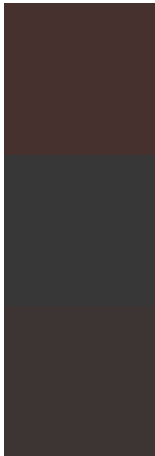
Original Color
46312E

Protanomaly
3E3430

Deuteranomaly
42332D

Tritanomaly
473032

Monochromacy



Original Color
46312E

Achromatopsia
373737

Achromatomaly
3C3534

CSS Examples

Text

The CSS property to change the color of the text to Hex 46312E 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 #46312E looks like.

```
.text, #text, p{  
    color:#46312E  
}
```

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 #46312E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46312E
}
```

Border

The CSS property to change the border of an element to Hex 46312E is called "border". The border property can be set on classes, ids or directly on the HTML element.

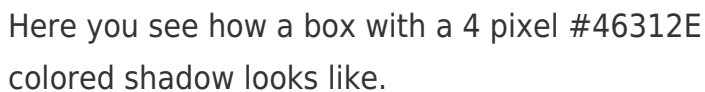
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46312E }
```

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

```
.border{ border-color:#46312E }
```

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



Here you see how a box with a 4 pixel #46312E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46312E; -webkit-box-shadow:4px 4px  
4px 4px #46312E; box-shadow:4px 4px 4px  
4px #46312E }
```

Background

The CSS property to change the background color of an element to Hex 46312E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46312E }
```

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

```
.background{ background-color:#46312E }
```

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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