

Converting Colors

Hex(46402A)

Have a look what the booklet for
Hex(46402A) contains.

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Color

Hex(46402A)

Conversions

Conversions Part 1

Format	Color
Hex	46402A
RGB	70, 64, 42
RGB Percent	27%, 25%, 16%
CMY	0.7255, 0.7490, 0.8353
CMYK	0.00, 0.09, 0.40, 0.73
HSL	47°, 25%, 22%
HSV	47°, 40%, 27%
XYZ	4.7771, 5.1361, 2.9301
YIQ	63.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

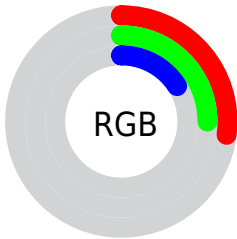
Format	Color
R_{YB}	50, 70, 42
Decimal	4603946
CIE Lab	27.12, -1.34, 14.41
CIE LCh	27, 14.471, 95.299
Yxy	5.1361, 0.3720, 0.3999
Android (android.graphics.Color)	4282794026 (0xFF46402A)
YUV	63.2860, -10.4940, 5.8882
Hunter-Lab	22.6629, -2.0340, 8.1984

Details

The Hex color **46402A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3046**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **777058**, and **1B1600** is the 20% darker color. If you saturate the color by 10%, you get **463F23**, and if you desaturate by 10%, it is **464231**.

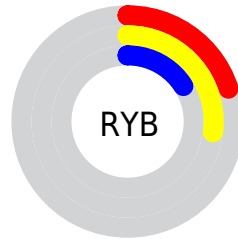
Distribution



Red (27%)

Green (25%)

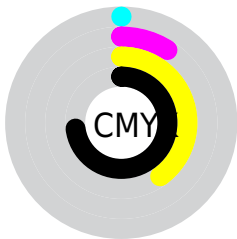
Blue (16%)



Red (20%)

Yellow (27%)

Blue (16%)

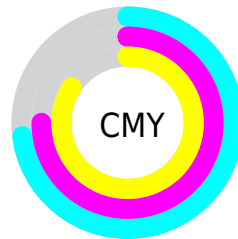


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46402A 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 46402A by changing the saturation by 10% instead.

■ 46402A

■ 46402A

FFFFFF

■ 2F2A15

■ 777058

■ 1B1600

■ 918970

■ 000000

■ ABA38A

■ C7BEA4

■ E3DABF

■ FFF6DB

■ FFFFF7

■ 46402A

■ 46402A

■ 463F23

■ 464231

■ 463D1C

■ 464338

■ 463B15

■ 46453F

■ 463A0E

■ 464646

■ 463907

■ 46484D

■ 463700

■ 464954

■ 464B5B

■ 464C62

■ 464E69

Harmonies

Analogous

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



503C2C



46402A



3A432E

Triad

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



46402A



1D464C



50394A

Complementary

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



46402A



2A3046

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.



443D52



46402A



254454

Square

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



46402A



224642



354056



56383E

Rectangle

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



46402A



314533



354056



4D3A4D

Sweetspot

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



46402A



5C5951



462A30



2E2D27



ADADAD



2E2E2E

Same Dimension

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



46402A



5C5230



3E462A



242320



634E00



E3B200

Inverse Universe

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



2A3046



30395C



322A46



202124



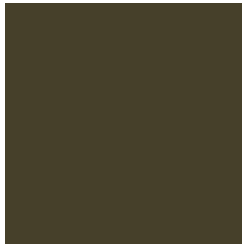
001563



0031E3

Previews

White Background



This preview shows how the Hex color 46402A looks on a white background.

Color Contrast Check

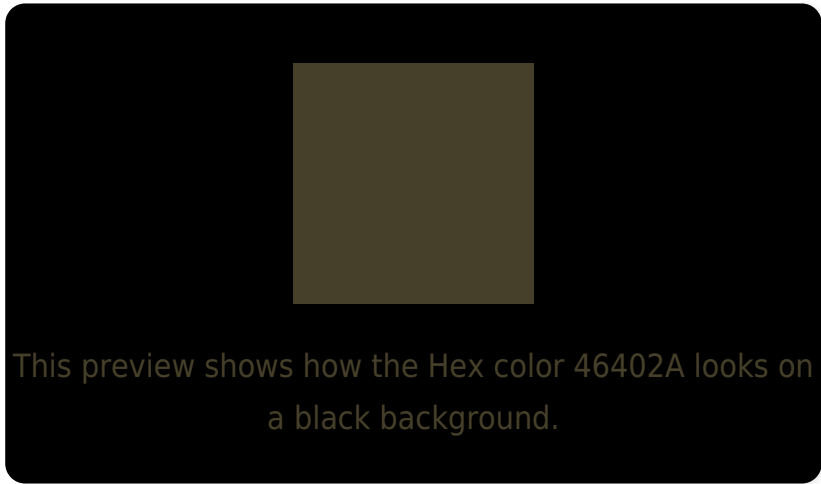
Large Text (above 18pt) WCAG AA ✓ Pass

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

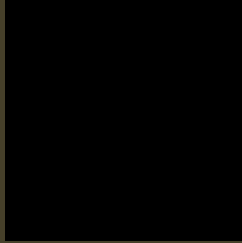
Any Text WCAG AA × Fail

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 46402A Background



This preview shows how black text looks on a background with the Hex color 46402A.

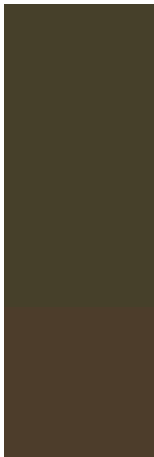


This preview shows how white text looks on a background with the Hex color 46402A.

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](#).

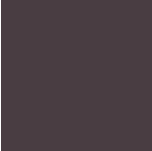
Dichromacy



Original Color
46402A

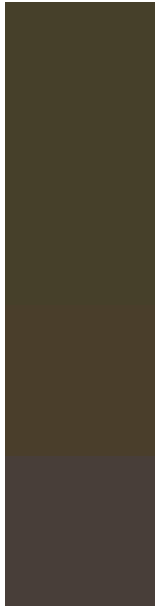
Protanopia
46402A

Deuteranopia
4D3D2B



Tritanopia
493D42

Trichromacy



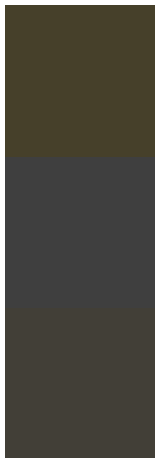
Original Color
46402A

Protanomaly
46402A

Deuteranomaly
4A3E2B

Tritanomaly
483E39

Monochromacy



Original Color
46402A

Achromatopsia
3F3F3F

Achromatomaly
423F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 46402A 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 #46402A looks like.

```
.text, #text, p{  
    color:#46402A  
}
```

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 #46402A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46402A
}
```

Border

The CSS property to change the border of an element to Hex 46402A 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".

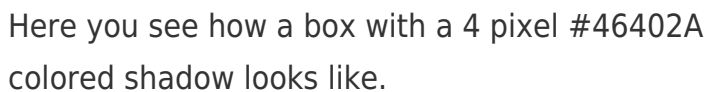
```
.border, #border, table{ border:4px solid
#46402A }
```

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

```
.border{ border-color:#46402A }
```

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

Here you see how a box with a 4 pixel #46402A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46402A; -webkit-box-shadow:4px 4px  
4px 4px #46402A; box-shadow:4px 4px 4px  
4px #46402A }
```

Background

The CSS property to change the background color of an element to Hex 46402A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46402A }
```

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

```
.background{ background-color:#46402A }
```

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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