

Converting Colors

Hex(464A3B)

Have a look what the booklet for
Hex(464A3B) contains.

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Color

Hex(464A3B)

Conversions

Conversions Part 1

Format	Color
Hex	464A3B
RGB	70, 74, 59
RGB Percent	27%, 29%, 23%
CMY	0.7255, 0.7098, 0.7686
CMYK	0.05, 0.00, 0.20, 0.71
HSL	76°, 11%, 26%
HSV	76°, 20%, 29%
XYZ	5.7640, 6.5154, 5.0915
YIQ	71.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

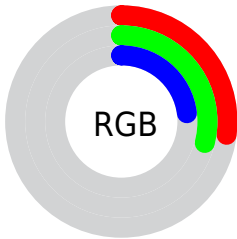
Format	Color
RYB	59, 74, 63
Decimal	4606523
CIELab	30.68, -4.75, 8.42
CIElCh	31, 9.673, 119.440
Yxy	6.5154, 0.3318, 0.3751
Android (android.graphics.Color)	4282796603 (0xFF464A3B)
YUV	71.0940, -5.9623, -0.9594
Hunter-Lab	25.5253, -4.3614, 6.0413

Details

The Hex color **464A3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3B4A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **767B6A**, and **1B1E11** is the 20% darker color. If you saturate the color by 10%, you get **444A34**, and if you desaturate by 10%, it is **484A42**.

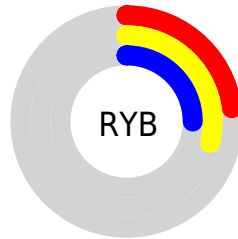
Distribution



Red (27%)

Green (29%)

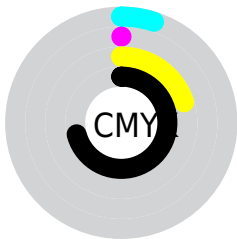
Blue (23%)



Red (23%)

Yellow (29%)

Blue (25%)

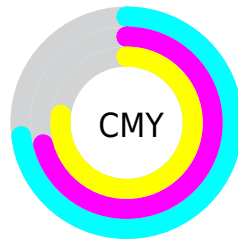


Cyan (5%)

Magenta (0%)

Yellow (20%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464A3B 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 464A3B by changing the saturation by 10% instead.



464A3B



464A3B

FFFFFF



303325



767B6A



1B1E11



909483



000500



ABAF9E



000000



C6CAB8



E2E6D4



FFFFFF0



464A3B



464A3B



444A34



484A42

■ 424A2C

■ 4A4A4A

■ 404A25

■ 4C4A51

■ 3E4A1D

■ 4E4A59

■ 3C4A16

■ 504A60

■ 3A4A0F

■ 524A67

■ 384A07

■ 544A6F

■ 364A00

■ 564A76

■ 584A7E

Harmonies

Analogous

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



4E4839



464A3B



3D4C40

Triad

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



464A3B



374B55



574349

Complementary

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



464A3B



3F3B4A

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.



524450



464A3B



404957

Square

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



464A3B



344C4F



494655



584341

Rectangle

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



464A3B



394C45



494655



56434B

Sweetspot

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



464A3B



5F615B



4A3F3B



30302D



B0B0B0



303030

Same Dimension

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



464A3B



5B614A



3F4A3B



252622



4B6600



A8E600

Inverse Universe

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



3F3B4A



504A61



473B4A



232226



1B0066



3D00E6

Previews

White Background



This preview shows how the Hex color 464A3B looks on a white background.

Color Contrast Check

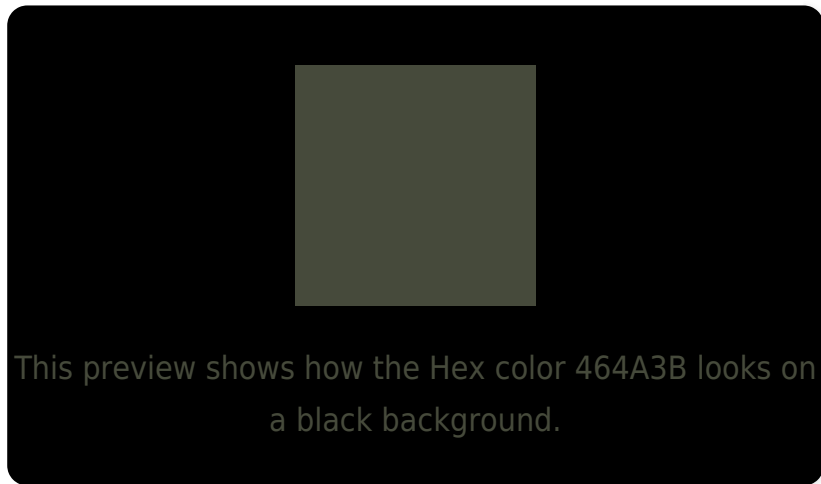
Large Text (above 18pt) WCAG AA ✓ Pass

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

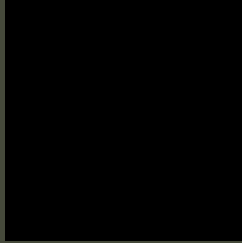
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

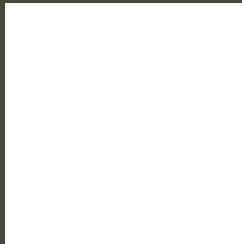
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 464A3B Background



This preview shows how black text looks on a background with the Hex color 464A3B.

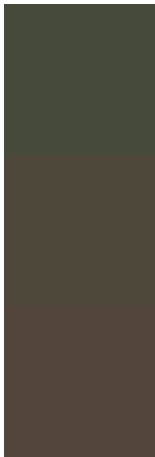


This preview shows how white text looks on a background with the Hex color 464A3B.

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
464A3B

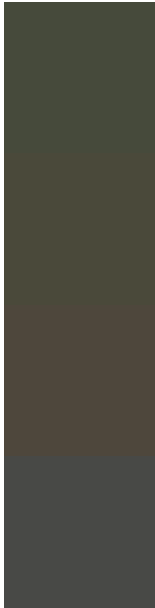
Protanopia
4D483A

Deuteranopia
53453C



Tritanopia
49484D

Trichromacy



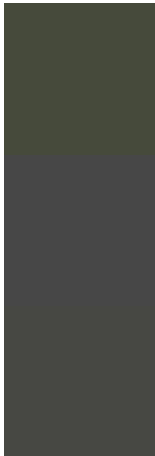
Original Color
464A3B

Protanomaly
4A493A

Deuteranomaly
4E473C

Tritanomaly
484946

Monochromacy



Original Color
464A3B

Achromatopsia
474747

Achromatomaly
474843

CSS Examples

Text

The CSS property to change the color of the text to Hex 464A3B 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 #464A3B looks like.

```
.text, #text, p{  
    color:#464A3B  
}
```

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 #464A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464A3B
}
```

Border

The CSS property to change the border of an element to Hex 464A3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

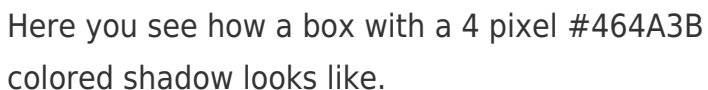
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464A3B }
```

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

```
.border{ border-color:#464A3B }
```

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



Here you see how a box with a 4 pixel #464A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464A3B; -webkit-box-shadow:4px 4px  
4px 4px #464A3B; box-shadow:4px 4px 4px  
4px #464A3B }
```

Background

The CSS property to change the background color of an element to Hex 464A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464A3B }
```

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

```
.background{ background-color:#464A3B }
```

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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