

Converting Colors

Hex(48453A)

Have a look what the booklet for
Hex(48453A) contains.

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Color

Hex(48453A)

Conversions

Conversions Part 1

Format	Color
Hex	48453A
RGB	72, 69, 58
RGB Percent	28%, 27%, 23%
CMY	0.7176, 0.7294, 0.7725
CMYK	0.00, 0.04, 0.19, 0.72
HSL	47°, 11%, 25%
HSV	47°, 19%, 28%
XYZ	5.5643, 5.9394, 4.8561
YIQ	68.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

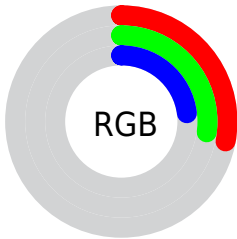
Format	Color
RYB	62, 72, 58
Decimal	4736314
CIELab	29.26, -0.94, 7.11
CIElCh	29, 7.168, 97.509
Yxy	5.9394, 0.3401, 0.3630
Android (android.graphics.Color)	4282926394 (0xFF48453A)
YUV	68.6430, -5.2470, 2.9441
Hunter-Lab	24.3710, -1.8945, 5.2456

Details

The Hex color **48453A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3D48**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **797569**, and **1D1A0F** is the 20% darker color. If you saturate the color by 10%, you get **484333**, and if you desaturate by 10%, it is **484741**.

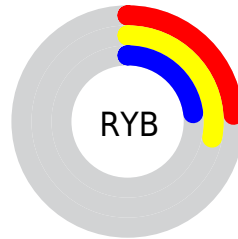
Distribution



Red (28%)

Green (27%)

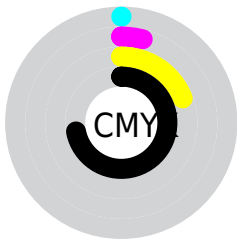
Blue (23%)



Red (24%)

Yellow (28%)

Blue (23%)

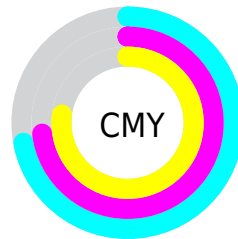


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48453A 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 48453A by changing the saturation by 10% instead.

■ 48453A

■ 48453A

FFFFFF

■ 312F24

■ 797569

■ 1D1A0F

■ 928F82

■ 000000

■ ADA99C

■ C8C4B7

■ E4E0D3

■ FFFDEF

■ 48453A

■ 48453A

■ 484333

■ 484741

■ 48422C

■ 484848

■ 484024

■ 484A50

■ 483F1D

■ 484B57

■ 483D16

■ 484D5E

■ 483C0F

■ 484E65

■ 483A08

■ 48506C

■ 483900

■ 485174

■ 48537B

Harmonies

Analogous

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



4D433B



48453A



42473C

Triad

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



48453A



37484B



4D4249

Complementary

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



48453A



3A3D48

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.



48434E



48453A



3A474F

Square

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



48453A



384846



414550



514144

Rectangle

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



48453A



3E483F



414550



4C424B

Sweetspot

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



48453A



5E5D59



483A3D



30302D



B0B0B0



303030

Same Dimension

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



48453A



5E5A49



44483A



242320



634E00



E3B200

Inverse Universe

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



3A3D48



494D5E



3E3A48



202124



001563



0031E3

Previews

White Background



This preview shows how the Hex color 48453A looks on a white background.

Color Contrast Check

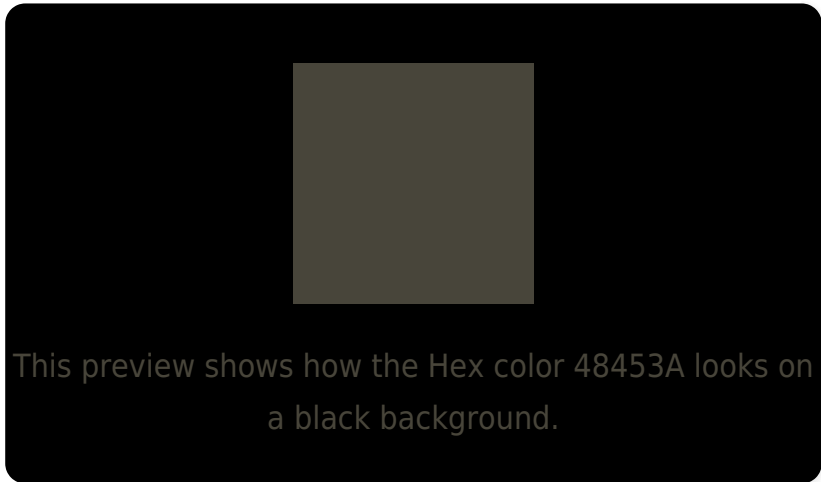
Large Text (above 18pt) WCAG AA ✓ Pass

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

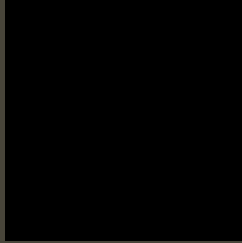
Any Text WCAG AA × Fail

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 48453A Background



This preview shows how black text looks on a background with the Hex color 48453A.

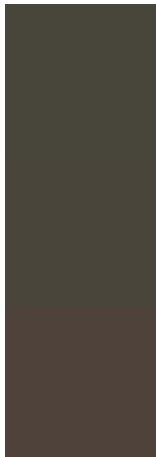


This preview shows how white text looks on a background with the Hex color 48453A.

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](#).

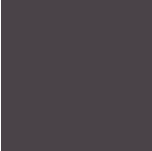
Dichromacy



Original Color
48453A

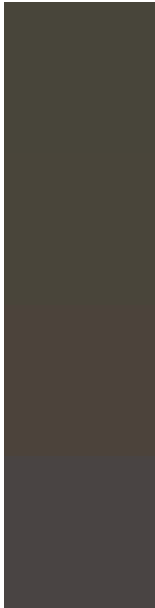
Protanopia
49453A

Deuteranopia
4F423B



Tritanopia
4A4348

Trichromacy



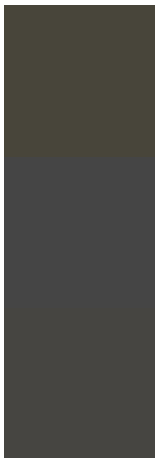
Original Color
48453A

Protanomaly
49453A

Deuteranomaly
4C433B

Tritanomaly
494443

Monochromacy



Original Color
48453A

Achromatopsia
454545

Achromatomaly
464541

CSS Examples

Text

The CSS property to change the color of the text to Hex 48453A 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 #48453A looks like.

```
.text, #text, p{  
    color:#48453A  
}
```

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 #48453A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48453A
}
```

Border

The CSS property to change the border of an element to Hex 48453A is called "border". The border property can be set on classes, ids or directly on the HTML element.

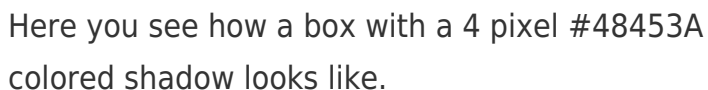
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48453A }
```

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

```
.border{ border-color:#48453A }
```

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



Here you see how a box with a 4 pixel #48453A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48453A; -webkit-box-shadow:4px 4px  
4px 4px #48453A; box-shadow:4px 4px 4px  
4px #48453A }
```

Background

The CSS property to change the background color of an element to Hex 48453A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48453A }
```

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

```
.background{ background-color:#48453A }
```

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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