

Converting Colors

Hex(45473A)

Have a look what the booklet for
Hex(45473A) contains.

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Color

Hex(45473A)

Conversions

Conversions Part 1

Format	Color
Hex	45473A
RGB	69, 71, 58
RGB Percent	27%, 28%, 23%
CMY	0.7294, 0.7216, 0.7725
CMYK	0.03, 0.00, 0.18, 0.72
HSL	69°, 10%, 25%
HSV	69°, 18%, 28%
XYZ	5.4712, 6.0772, 4.8876
YIQ	68.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

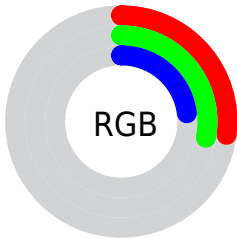
Format	Color
RYB	58, 71, 60
Decimal	4540218
CIELab	29.61, -3.52, 7.55
CIELCh	30, 8.333, 115.004
Yxy	6.0772, 0.3329, 0.3697
Android (android.graphics.Color)	4282730298 (0xFF45473A)
YUV	68.9200, -5.3836, 0.0702
Hunter-Lab	24.6519, -3.5249, 5.5012

Details

The Hex color **45473A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3A47**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **757769**, and **1A1C10** is the 20% darker color. If you saturate the color by 10%, you get **444733**, and if you desaturate by 10%, it is **464741**.

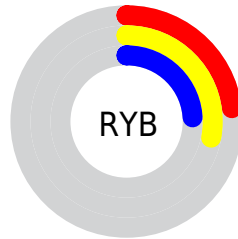
Distribution



Red (27%)

Green (28%)

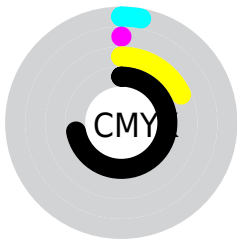
Blue (23%)



Red (23%)

Yellow (28%)

Blue (24%)

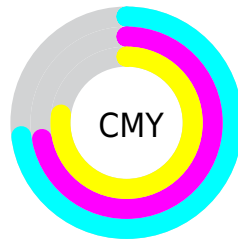


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45473A 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 45473A by changing the saturation by 10% instead.

■ 45473A

■ 45473A

FFFFFF

■ 2F3124

■ 757769

■ 1A1C10

■ 8F9182

■ 000000

■ A9AB9C

■ C5C7B7

■ E1E3D3

■ FDFFEF

■ 45473A

■ 45473A

■ 444733

■ 464741

■ 43472C

■ 474748

■ 424725

■ 48474F

■ 41471E

■ 494756

■ 404716

■ 4A475E

■ 3E470F

■ 4C4765

■ 3D4708

■ 4D476C

■ 3C4701

■ 4E4773

■ 3C4700

■ 4F477A

Harmonies

Analogous

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



4C4539



45473A



3E493E

Triad

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



45473A



374850



524147

Complementary

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



45473A



3C3A47

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.



4D424D



45473A



3D4752

Square

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



45473A



35494B



464451



534241

Rectangle

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



45473A



394942



464451



514249

Sweetspot

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



45473A



5B5C57



473C3A



2D2E2B



ADADAD



2E2E2E

Same Dimension

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



45473A



595C48



3F473A



232420



546300



C0E300

Inverse Universe

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



3C3A47



4B485C



423A47



212024



0F0063



2300E3

Previews

White Background



This preview shows how the Hex color 45473A looks on a white background.

Color Contrast Check

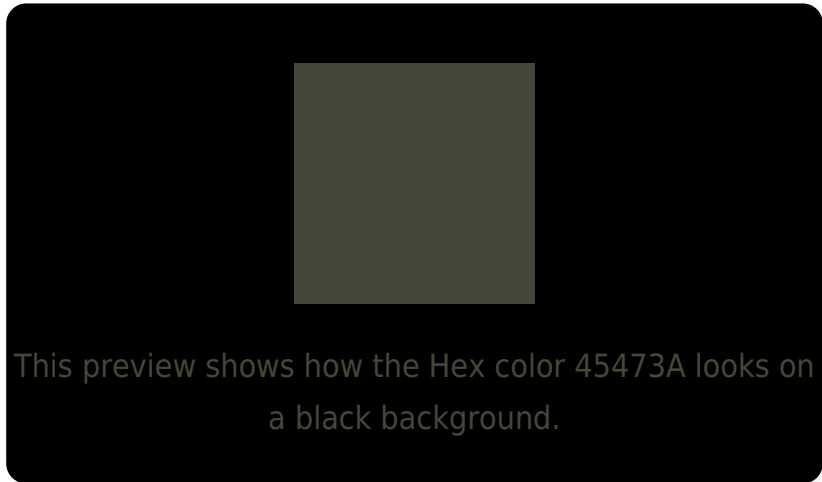
Large Text (above 18pt) WCAG AA ✓ Pass

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

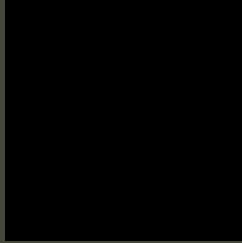
Any Text WCAG AA × Fail

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 45473A Background



This preview shows how black text looks on a background with the Hex color 45473A.

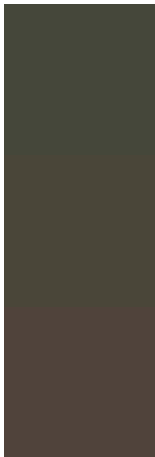


This preview shows how white text looks on a background with the Hex color 45473A.

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
45473A

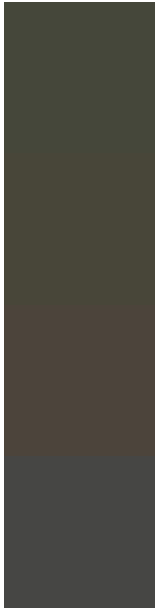
Protanopia
4A4639

Deuteranopia
50433B



Tritanopia
47454A

Trichromacy



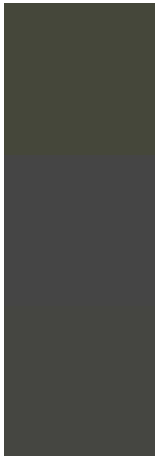
Original Color
45473A

Protanomaly
484639

Deuteranomaly
4C443B

Tritanomaly
464644

Monochromacy



Original Color
45473A

Achromatopsia
454545

Achromatomaly
454641

CSS Examples

Text

The CSS property to change the color of the text to Hex 45473A 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 #45473A looks like.

```
.text, #text, p{  
    color:#45473A  
}
```

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 #45473A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45473A
}
```

Border

The CSS property to change the border of an element to Hex 45473A is called "border". The border property can be set on classes, ids or directly on the HTML element.

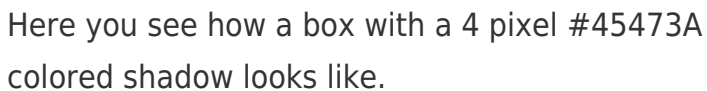
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45473A }
```

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

```
.border{ border-color:#45473A }
```

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



Here you see how a box with a 4 pixel #45473A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45473A; -webkit-box-shadow:4px 4px  
4px 4px #45473A; box-shadow:4px 4px 4px  
4px #45473A }
```

Background

The CSS property to change the background color of an element to Hex 45473A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45473A }
```

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

```
.background{ background-color:#45473A }
```

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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