

Converting Colors

Hex(45471E)

Have a look what the booklet for
Hex(45471E) contains.

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Color

Hex(45471E)

Conversions

Conversions Part 1

Format	Color
Hex	45471E
RGB	69, 71, 30
RGB Percent	27%, 28%, 12%
CMY	0.7294, 0.7216, 0.8824
CMYK	0.03, 0.00, 0.58, 0.72
HSL	63°, 41%, 20%
HSV	63°, 58%, 28%
XYZ	4.9418, 5.8654, 2.1000
YIQ	65.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

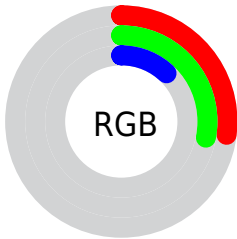
Format	Color
RYB	30, 71, 32
Decimal	4540190
CIELab	29.07, -7.65, 24.07
CIElCh	29, 25.259, 107.632
Yxy	5.8654, 0.3829, 0.4544
Android (android.graphics.Color)	4282730270 (0xFF45471E)
YUV	65.7280, -17.6139, 2.8695
Hunter-Lab	24.2186, -5.9596, 11.8121

Details

The Hex color **45471E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **201E47**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **76774B**, and **181C00** is the 20% darker color. If you saturate the color by 10%, you get **454717**, and if you desaturate by 10%, it is **454725**.

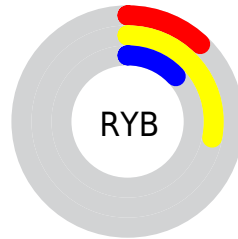
Distribution



Red (27%)

Green (28%)

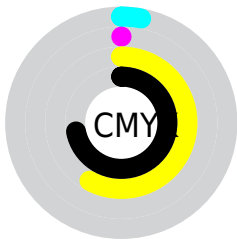
Blue (12%)



Red (12%)

Yellow (28%)

Blue (13%)

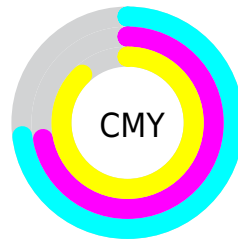


Cyan (3%)

Magenta (0%)

Yellow (58%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45471E 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 45471E by changing the saturation by 10% instead.



45471E



45471E

FFFFFF



2E3107



76774B



181C00



909164



000000



ABAB7D



C7C797



E3E3B2



FFFFCD



FFFFEA



45471E



45471E

■ 454717

■ 454725

■ 444710

■ 46472C

■ 444709

■ 464733

■ 444702

■ 46473A

■ 444700

■ 474742

■ 474749

■ 474750

■ 484757

■ 48475E

Harmonies

Analogous

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



57411E



45471E



2F4C29

Triad

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



45471E



004D61



65354D

Complementary

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



45471E



201E47

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.



553B5F



45471E



0A496A

Square

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



45471E



004F50



39436A



6A353A

Rectangle

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



45471E



1C4D35



39436A



613754

Sweetspot

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



45471E



5B5C4C



471F1E



2D2E25



ADADAD



2E2E2E

Same Dimension

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



45471E



595C1C



31471E



242420



5F6300



D8E300

Inverse Universe

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



201E47



201C5C



341E47



202024



050063



0B00E3

Previews

White Background



This preview shows how the Hex color 45471E looks on a white background.

Color Contrast Check

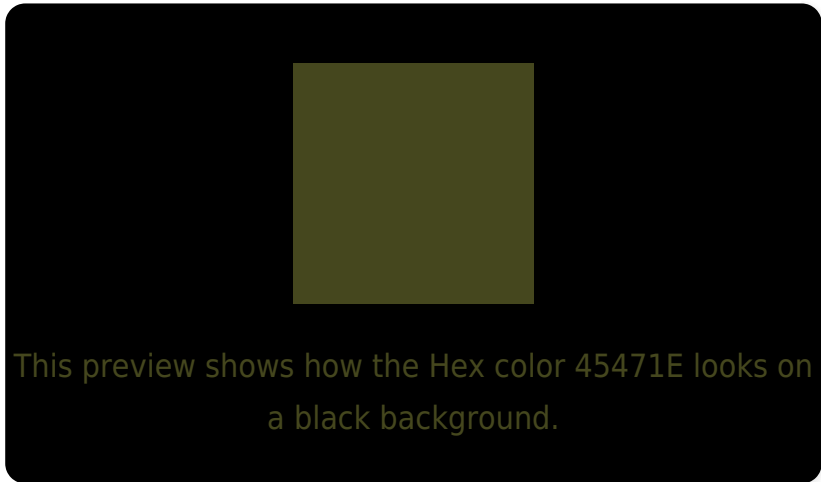
Large Text (above 18pt) WCAG AA ✓ Pass

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 45471E Background



This preview shows how black text looks on a background with the Hex color 45471E.



This preview shows how white text looks on a background with the Hex color 45471E.

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
45471E

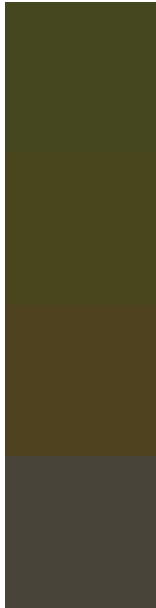
Protanopia
4C451D

Deuteranopia
554120



Tritanopia
494348

Trichromacy



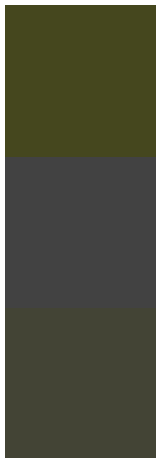
Original Color
45471E

Protanomaly
49461D

Deuteranomaly
4F431F

Tritanomaly
484439

Monochromacy



Original Color
45471E

Achromatopsia
424242

Achromatomaly
434435

CSS Examples

Text

The CSS property to change the color of the text to Hex 45471E 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 #45471E looks like.

```
.text, #text, p{  
    color:#45471E  
}
```

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 #45471E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45471E
}
```

Border

The CSS property to change the border of an element to Hex 45471E is called "border". The border property can be set on classes, ids or directly on the HTML element.

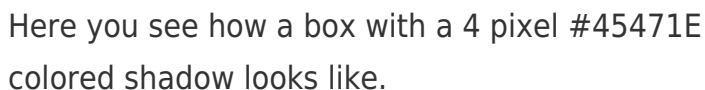
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45471E }
```

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

```
.border{ border-color:#45471E }
```

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



Here you see how a box with a 4 pixel #45471E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45471E; -webkit-box-shadow:4px 4px  
4px 4px #45471E; box-shadow:4px 4px 4px  
4px #45471E }
```

Background

The CSS property to change the background color of an element to Hex 45471E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45471E }
```

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

```
.background{ background-color:#45471E }
```

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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