

Converting Colors

Hex(44471A)

Have a look what the booklet for
Hex(44471A) contains.

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Color

Hex(44471A)

Conversions

Conversions Part 1

Format	Color
Hex	44471A
RGB	68, 71, 26
RGB Percent	27%, 28%, 10%
CMY	0.7333, 0.7216, 0.8980
CMYK	0.04, 0.00, 0.63, 0.72
HSL	64°, 46%, 19%
HSV	64°, 63%, 28%
XYZ	4.8236, 5.8100, 1.8445
YIQ	64.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

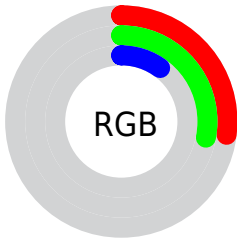
Format	Color
R_{YB}	26, 71, 29
Decimal	4474650
CIE Lab	28.93, -8.54, 26.10
CIE LCh	29, 27.458, 108.116
Yxy	5.8100, 0.3866, 0.4656
Android (android.graphics.Color)	4282664730 (0xFF44471A)
YUV	64.9730, -19.2137, 2.6547
Hunter-Lab	24.1039, -6.4612, 12.3357

Details

The Hex color **44471A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1A47**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **767747**, and **171C00** is the 20% darker color. If you saturate the color by 10%, you get **444713**, and if you desaturate by 10%, it is **444721**.

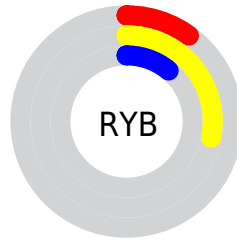
Distribution



Red (27%)

Green (28%)

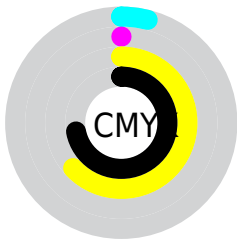
Blue (10%)



Red (10%)

Yellow (28%)

Blue (11%)

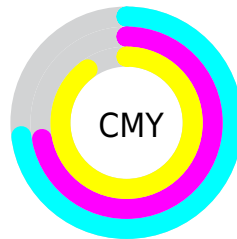


Cyan (4%)

Magenta (0%)

Yellow (63%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44471A 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 44471A by changing the saturation by 10% instead.



44471A



44471A

FFFFFF



2D3102



767747



171C00



909160



000000



ABAB79



C6C793



E2E3AD



FFFFC9



FFFFE5



44471A



44471A

■ 444713

■ 444721

■ 43470C

■ 454728

■ 434705

■ 45472F

■ 424700

■ 464736

■ 46473E

■ 474745

■ 47474C

■ 484753

■ 48475A

Harmonies

Analogous

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



58401A



44471A



2C4C27

Triad

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



44471A



004D63



67334E

Complementary

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



44471A



1D1A47

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.



563A61



44471A



00496D

Square

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



44471A



004F51



38426C



6C3338

Rectangle

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



44471A



154E34



38426C



633554

Sweetspot

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



44471A



5B5C4A



471D1A



2D2E23



ADADAD



2E2E2E

Same Dimension

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



44471A



575C16



2D471A



232420



5D6300



D4E300

Inverse Universe

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



1D1A47



1B165C



331A47



202024



070063



0F00E3

Previews

White Background



This preview shows how the Hex color 44471A looks on a white background.

Color Contrast Check

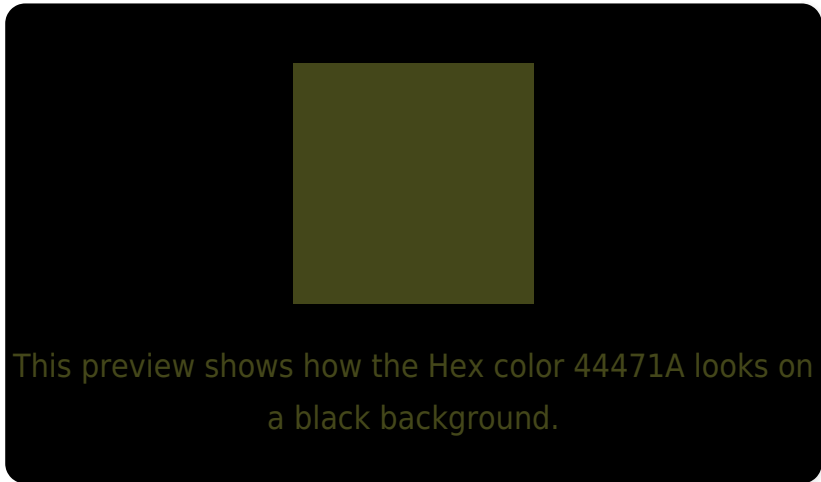
Large Text (above 18pt) WCAG AA ✓ Pass

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

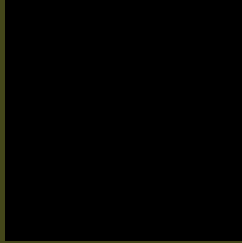
Any Text WCAG AA × Fail

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 44471A Background



This preview shows how black text looks on a background with the Hex color 44471A.



This preview shows how white text looks on a background with the Hex color 44471A.

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
44471A

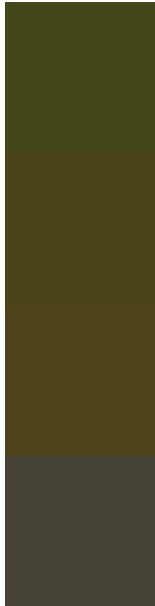
Protanopia
4C4419

Deuteranopia
55411C



Tritanopia
484248

Trichromacy



Original Color
44471A

Protanomaly
494519

Deuteranomaly
4F431B

Tritanomaly
474437

Monochromacy



Original Color
44471A

Achromatopsia
414141

Achromatomaly
424333

CSS Examples

Text

The CSS property to change the color of the text to Hex 44471A 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 #44471A looks like.

```
.text, #text, p{  
    color:#44471A  
}
```

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 #44471A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44471A
}
```

Border

The CSS property to change the border of an element to Hex 44471A is called "border". The border property can be set on classes, ids or directly on the HTML element.

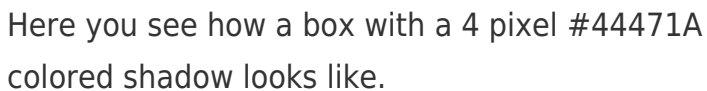
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44471A }
```

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

```
.border{ border-color:#44471A }
```

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



Here you see how a box with a 4 pixel #44471A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44471A; -webkit-box-shadow:4px 4px  
4px 4px #44471A; box-shadow:4px 4px 4px  
4px #44471A }
```

Background

The CSS property to change the background color of an element to Hex 44471A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44471A }
```

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

```
.background{ background-color:#44471A }
```

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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