

Converting Colors

Hex(444720)

Have a look what the booklet for
Hex(444720) contains.

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Color

Hex(444720)

Conversions

Conversions Part 1

Format	Color
Hex	444720
RGB	68, 71, 32
RGB Percent	27%, 28%, 13%
CMY	0.7333, 0.7216, 0.8745
CMYK	0.04, 0.00, 0.55, 0.72
HSL	65°, 38%, 20%
HSV	65°, 55%, 28%
XYZ	4.8978, 5.8397, 2.2355
YIQ	65.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

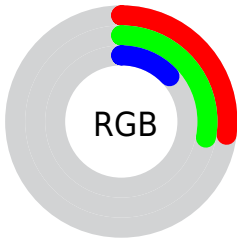
Format	Color
RYB	32, 71, 35
Decimal	4474656
CIELab	29.00, -7.92, 22.83
CIELCh	29, 24.164, 109.138
Yxy	5.8397, 0.3775, 0.4501
Android (android.graphics.Color)	4282664736 (0xFF444720)
YUV	65.6570, -16.5929, 2.0548
Hunter-Lab	24.1655, -6.1113, 11.4310

Details

The Hex color **444720** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **232047**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **75774D**, and **181C00** is the 20% darker color. If you saturate the color by 10%, you get **434719**, and if you desaturate by 10%, it is **454727**.

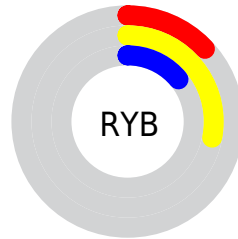
Distribution



Red (27%)

Green (28%)

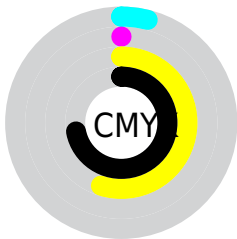
Blue (13%)



Red (13%)

Yellow (28%)

Blue (14%)

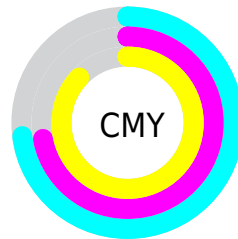


Cyan (4%)

Magenta (0%)

Yellow (55%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444720 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 444720 by changing the saturation by 10% instead.



444720



444720

FFFFFF



2D310A



75774D



181C00



8F9166



000000



AAAB7F



C5C799



E2E3B4



FEFFD0



FFFEC



444720



444720

■ 434719

■ 454727

■ 434712

■ 45472E

■ 42470B

■ 464735

■ 424704

■ 46473C

■ 424700

■ 474744

■ 47474B

■ 484752

■ 484759

■ 494760

Harmonies

Analogous

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



56411F



444720



2F4B2B

Triad

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



444720



004C60



64364C

Complementary

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



444720



232047

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.



553B5D



444720



144869

Square

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



444720



004E50



3B4268



683639

Rectangle

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



444720



1D4D36



3B4268



603752

Sweetspot

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



444720



5B5C4D



472320



2D2E25



ADADAD



2E2E2E

Same Dimension

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



444720



575C1F



314720



232420



5C6300



D1E300

Inverse Universe

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



232047



241F5C



362047



202024



080063



1100E3

Previews

White Background



This preview shows how the Hex color 444720 looks on a white background.

Color Contrast Check

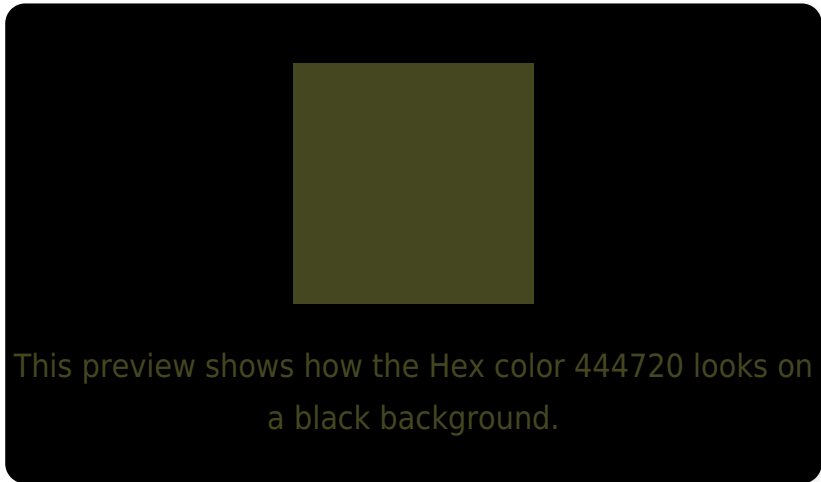
Large Text (above 18pt) WCAG AA ✓ Pass

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

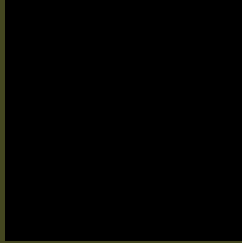
Any Text WCAG AA × Fail

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 444720 Background



This preview shows how black text looks on a background with the Hex color 444720.



This preview shows how white text looks on a background with the Hex color 444720.

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


444720

Protanopia

4C441F

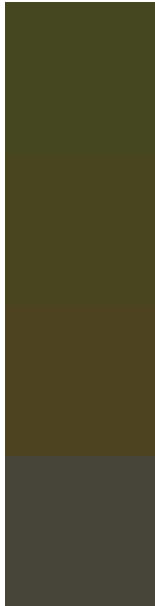
Deuteranopia

544122



Tritanopia
484348

Trichromacy



Original Color
444720

Protanomaly
49451F

Deuteranomaly
4E4321

Tritanomaly
474439

Monochromacy



Original Color
444720

Achromatopsia
424242

Achromatomaly
434436

CSS Examples

Text

The CSS property to change the color of the text to Hex 444720 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 #444720 looks like.

```
.text, #text, p{  
    color:#444720  
}
```

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 #444720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444720
}
```

Border

The CSS property to change the border of an element to Hex 444720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

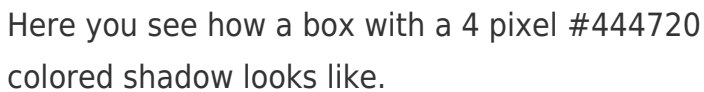
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444720 }
```

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

```
.border{ border-color:#444720 }
```

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



Here you see how a box with a 4 pixel #444720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444720; -webkit-box-shadow:4px 4px  
4px 4px #444720; box-shadow:4px 4px 4px  
4px #444720 }
```

Background

The CSS property to change the background color of an element to Hex 444720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444720 }
```

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

```
.background{ background-color:#444720 }
```

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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