

Converting Colors

Hex(414739)

Have a look what the booklet for
Hex(414739) contains.

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Color

Hex(414739)

Conversions

Conversions Part 1

Format	Color
Hex	414739
RGB	65, 71, 57
RGB Percent	25%, 28%, 22%
CMY	0.7451, 0.7216, 0.7765
CMYK	0.08, 0.00, 0.20, 0.72
HSL	86°, 11%, 25%
HSV	86°, 20%, 28%
XYZ	5.1717, 5.9257, 4.7421
YIQ	67.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

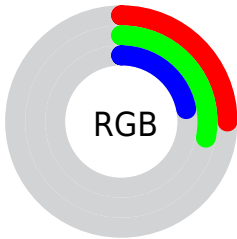
Format	Color
RYB	57, 71, 63
Decimal	4278073
CIELab	29.22, -5.46, 7.61
CIELCh	29, 9.365, 125.692
Yxy	5.9257, 0.3265, 0.3741
Android (android.graphics.Color)	4282468153 (0xFF414739)
YUV	67.6100, -5.2307, -2.2890
Hunter-Lab	24.3428, -4.6767, 5.4900

Details

The Hex color **414739** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3947**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **717768**, and **171C0E** is the 20% darker color. If you saturate the color by 10%, you get **3E4732**, and if you desaturate by 10%, it is **444740**.

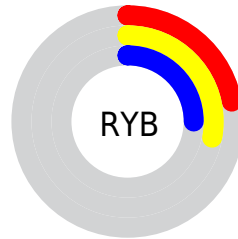
Distribution



Red (25%)

Green (28%)

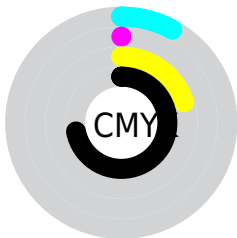
Blue (22%)



Red (22%)

Yellow (28%)

Blue (25%)

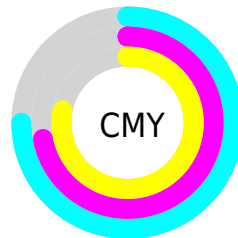


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414739 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 414739 by changing the saturation by 10% instead.

■ 414739

■ 414739

FFFFFF

■ 2B3123

■ 717768

■ 171C0E

■ 8A9181

■ 000000

■ A5AC9B

■ C0C7B6

■ DCE3D2

■ F8FFEE

■ 414739

■ 414739

■ 3E4732

■ 444740

■ 3B472B

■ 474747

■ 384724

■ 4A474E

■ 35471D

■ 4D4755

■ 324716

■ 50475D

■ 2F470E

■ 534764

■ 2C4707

■ 56476B

■ 294700

■ 594772

■ 5C4779

Harmonies

Analogous

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



494537



414739



39493F

Triad

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



414739



364752



544044

Complementary

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



414739



3F3947

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.



50414B



414739



3E4553

Square

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



414739



32494D



484351



54413D

Rectangle

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



414739



354944



484351



534046

Sweetspot

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



414739



595C56



473F39



2D2E2B



ADADAD



2E2E2E

Same Dimension

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



414739



525C46



3A4739



222420



396300



82E300

Inverse Universe

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



3F3947



4F465C



463947



222024



2B0063



6100E3

Previews

White Background



This preview shows how the Hex color 414739 looks on a white background.

Color Contrast Check

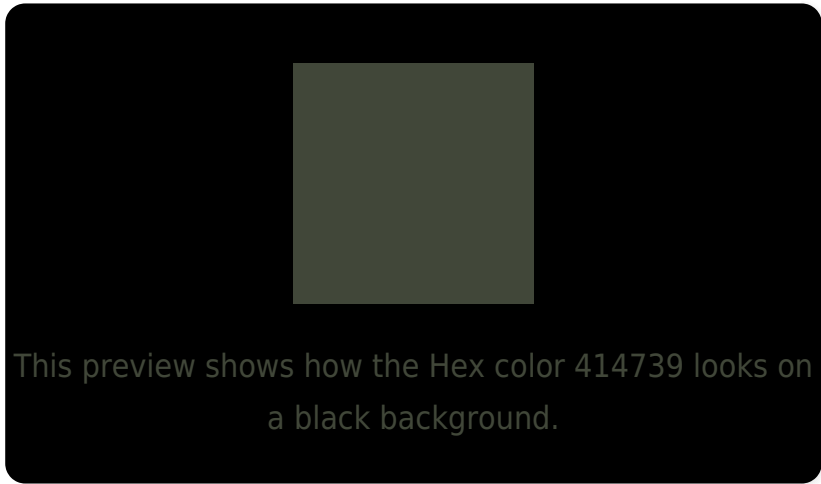
Large Text (above 18pt) WCAG AA ✓ Pass

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

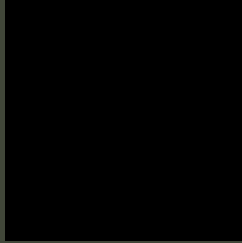
Any Text WCAG AA × Fail

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 414739 Background



This preview shows how black text looks on a background with the Hex color 414739.

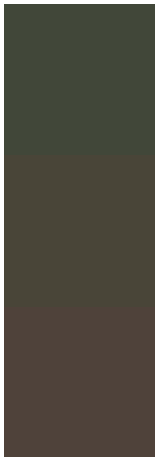


This preview shows how white text looks on a background with the Hex color 414739.

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
414739

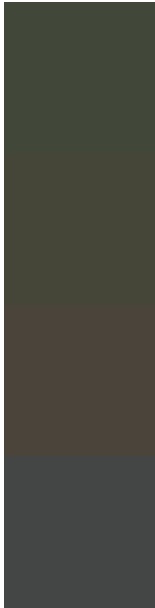
Protanopia
494538

Deuteranopia
4F423A



Tritanopia
44454A

Trichromacy



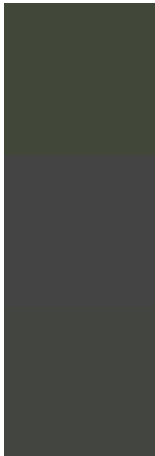
Original Color
414739

Protanomaly
464638

Deuteranomaly
4A443A

Tritanomaly
434644

Monochromacy



Original Color
414739

Achromatopsia
444444

Achromatomaly
434540

CSS Examples

Text

The CSS property to change the color of the text to Hex 414739 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 #414739 looks like.

```
.text, #text, p{  
    color:#414739  
}
```

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 #414739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414739
}
```

Border

The CSS property to change the border of an element to Hex 414739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

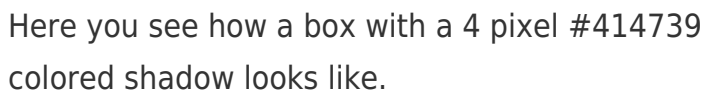
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414739 }
```

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

```
.border{ border-color:#414739 }
```

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



Here you see how a box with a 4 pixel #414739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414739; -webkit-box-shadow:4px 4px  
4px 4px #414739; box-shadow:4px 4px 4px  
4px #414739 }
```

Background

The CSS property to change the background color of an element to Hex 414739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414739 }
```

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

```
.background{ background-color:#414739 }
```

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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