

Converting Colors

Hex(414A33)

Have a look what the booklet for
Hex(414A33) contains.

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Color

Hex(414A33)

Conversions

Conversions Part 1

Format	Color
Hex	414A33
RGB	65, 74, 51
RGB Percent	25%, 29%, 20%
CMY	0.7451, 0.7098, 0.8000
CMYK	0.12, 0.00, 0.31, 0.71
HSL	83°, 18%, 25%
HSV	83°, 31%, 29%
XYZ	5.2263, 6.2604, 4.0649
YIQ	68.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

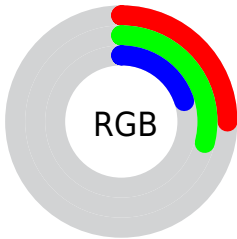
Format	Color
RYB	51, 74, 60
Decimal	4278835
CIELab	30.06, -8.40, 12.57
CIElCh	30, 15.120, 123.762
Yxy	6.2604, 0.3361, 0.4026
Android (android.graphics.Color)	4282468915 (0xFF414A33)
YUV	68.6870, -8.7197, -3.2335
Hunter-Lab	25.0208, -6.5016, 7.8823

Details

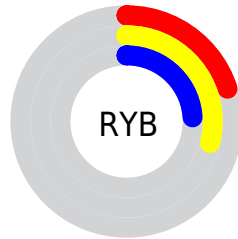
The Hex color **414A33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C334A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **717B62**, and **171E06** is the 20% darker color. If you saturate the color by 10%, you get **3E4A2C**, and if you desaturate by 10%, it is **444A3A**.

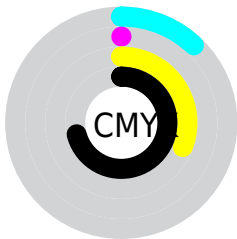
Distribution



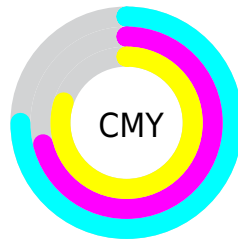
- Red (25%)
- Green (29%)
- Blue (20%)



- Red (20%)
- Yellow (29%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (71%)



- Cyan (75%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414A33 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 414A33 by changing the saturation by 10% instead.

■ 414A33

■ 414A33

FFFFFF

■ 2B331E

■ 717B62

■ 171E06

■ 8B947A

■ 000000

■ A5AF94

■ C0CAAF

■ DCE7CA

■ F9FFE6

■ 414A33

■ 414A33

■ 3E4A2C

■ 444A3A

■ 3B4A24

■ 474A42

■ 384A1D

■ 4A4A49

■ 354A15

■ 4D4A51

■ 334A0E

■ 4F4A58

■ 304A07

■ 524A5F

■ 2D4A00

■ 554A67

■ 584A6E

■ 5B4A76

Harmonies

Analogous

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



4E472F



414A33



334C3C

Triad

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



414A33



2A4B5C



5E3E46

Complementary

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



414A33



3C334A

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.



574051



414A33



3A475E

Square

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



414A33



224D53



4A435A



5E3F3A

Rectangle

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



414A33



2B4D44



4A435A



5C3E4A

Sweetspot

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



414A33



5D6158



4A3C33



2E302B



B0B0B0



303030

Same Dimension

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



414A33



53613D



364A33



252622



3E6600



8CE600

Inverse Universe

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



3C334A



4B3D61



47334A



242226



280066



5A00E6

Previews

White Background



This preview shows how the Hex color 414A33 looks on a white background.

Color Contrast Check

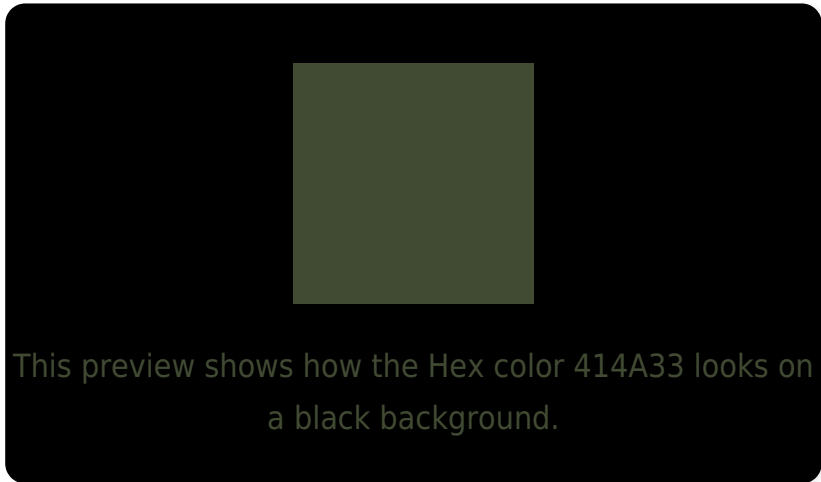
Large Text (above 18pt) WCAG AA ✓ Pass

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

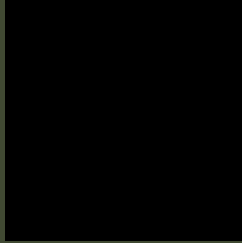
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

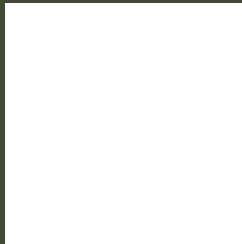
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 414A33 Background



This preview shows how black text looks on a background with the Hex color 414A33.



This preview shows how white text looks on a background with the Hex color 414A33.

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
414A33

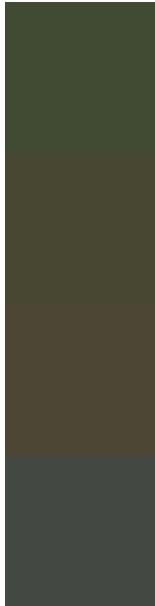
Protanopia
4C4732

Deuteranopia
544434



Tritanopia
45474C

Trichromacy



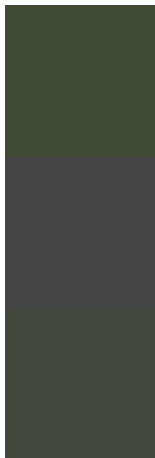
Original Color
414A33

Protanomaly
484832

Deuteranomaly
4D4634

Tritanomaly
444843

Monochromacy



Original Color
414A33

Achromatopsia
454545

Achromatomaly
44473E

CSS Examples

Text

The CSS property to change the color of the text to Hex 414A33 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 #414A33 looks like.

```
.text, #text, p{  
  color:#414A33  
}
```

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 #414A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414A33
}
```

Border

The CSS property to change the border of an element to Hex 414A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

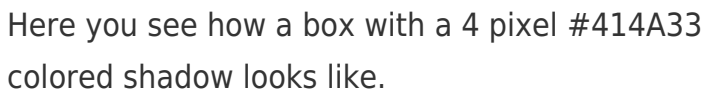
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414A33 }
```

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

```
.border{ border-color:#414A33 }
```

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



Here you see how a box with a 4 pixel #414A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414A33; -webkit-box-shadow:4px 4px  
4px 4px #414A33; box-shadow:4px 4px 4px  
4px #414A33 }
```

Background

The CSS property to change the background color of an element to Hex 414A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414A33 }
```

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

```
.background{ background-color:#414A33 }
```

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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