

Converting Colors

Hex(414133)

Have a look what the booklet for
Hex(414133) contains.

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Color

Hex(414133)

Conversions

Conversions Part 1

Format	Color
Hex	414133
RGB	65, 65, 51
RGB Percent	25%, 25%, 20%
CMY	0.7451, 0.7451, 0.8000
CMYK	0.00, 0.00, 0.22, 0.75
HSL	60°, 12%, 23%
HSV	60°, 22%, 25%
XYZ	4.6678, 5.1434, 3.8787
YIQ	63.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

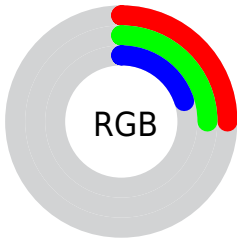
Format	Color
R_{YB}	51, 65, 51
Decimal	4276531
CIE Lab	27.14, -2.84, 8.57
CIE LCh	27, 9.031, 108.353
Yxy	5.1434, 0.3410, 0.3757
Android (android.graphics.Color)	4282466611 (0xFF414133)
YUV	63.4040, -6.1152, 1.3997
Hunter-Lab	22.6791, -2.9497, 5.7352

Details

The Hex color **414133** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333341**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **717161**, and **171705** is the 20% darker color. If you saturate the color by 10%, you get **41412D**, and if you desaturate by 10%, it is **41413A**.

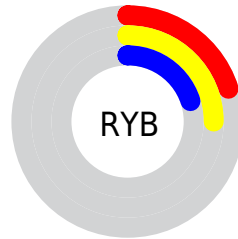
Distribution



Red (25%)

Green (25%)

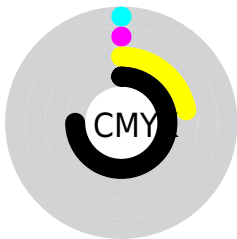
Blue (20%)



Red (20%)

Yellow (25%)

Blue (20%)

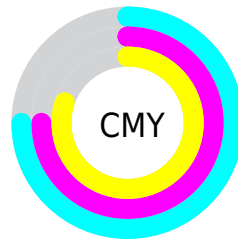


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414133 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 414133 by changing the saturation by 10% instead.

■ 414133

■ 414133

FFFFFF

■ 2B2B1E

■ 717161

■ 171705

■ 8A8A7A

■ 000000

■ A5A494

■ C0C0AF

■ DCDBCA

■ F8F8E6

■ 414133

■ 414133

■ 41412D

■ 41413A

■ 414126

■ 414140

■ 414120

■ 414147

■ 414119

■ 41414D

■ 414113

■ 414154

■ 41410C

■ 41415A

■ 414106

■ 414161

■ 414100

■ 414167

■ 41416E

Harmonies

Analogous

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



483F33



414133



394337

Triad

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



414133



2F434A



4C3C43

Complementary

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



414133



333341

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.



463D49



414133



35424D

Square

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



414133



2E4444



3E3F4D



4F3B3C

Rectangle

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



414133



34443B



3E3F4D



4B3C45

Sweetspot

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



414133



54544F



413333



2B2B28



ABABAB



2B2B2B

Same Dimension

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



414133



54543E



3A4133



21211E



616100



E0E000

Inverse Universe

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



333341



3E3E54



3A3341



1E1E21



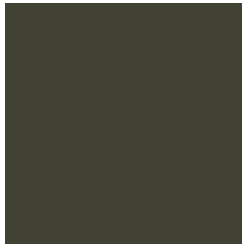
000061



0000E0

Previews

White Background



This preview shows how the Hex color 414133 looks on a white background.

Color Contrast Check

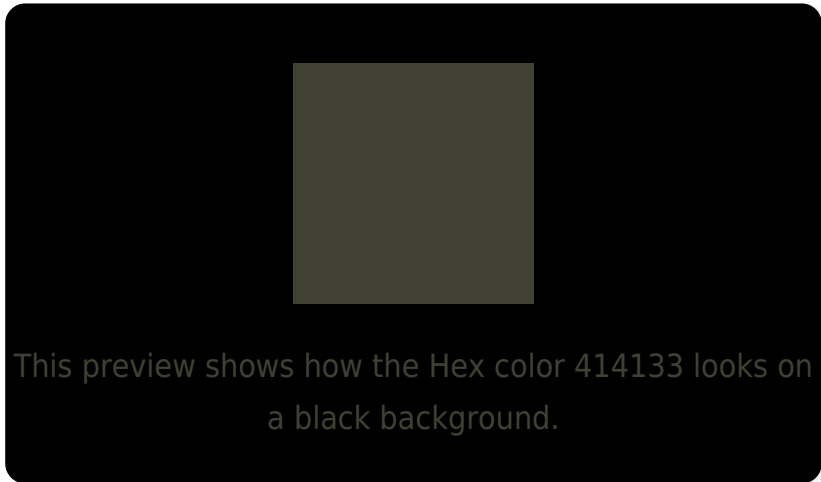
Large Text (above 18pt) WCAG AA ✓ Pass

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

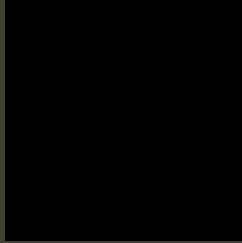
Any Text WCAG AA × Fail

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 414133 Background



This preview shows how black text looks on a background with the Hex color 414133.

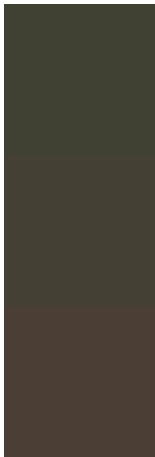


This preview shows how white text looks on a background with the Hex color 414133.

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
414133

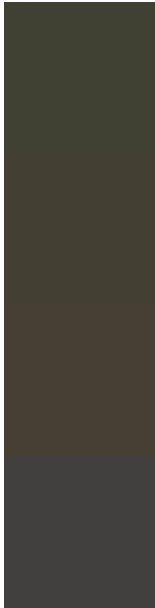
Protanopia
444033

Deuteranopia
4B3E34



Tritanopia
433F44

Trichromacy



Original Color

414133

Protanomaly

434033

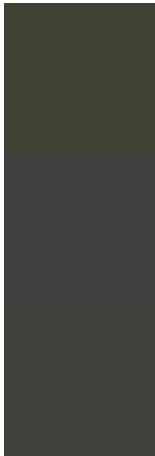
Deuteranomaly

473F34

Tritanomaly

42403E

Monochromacy



Original Color

414133

Achromatopsia

3F3F3F

Achromatomaly

40403B

CSS Examples

Text

The CSS property to change the color of the text to Hex 414133 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 #414133 looks like.

```
.text, #text, p{  
    color:#414133  
}
```

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 #414133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414133
}
```

Border

The CSS property to change the border of an element to Hex 414133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

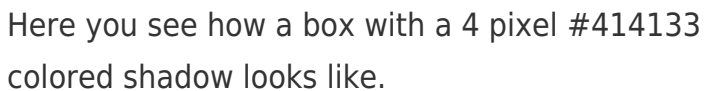
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414133 }
```

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

```
.border{ border-color:#414133 }
```

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



Here you see how a box with a 4 pixel #414133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414133; -webkit-box-shadow:4px 4px  
4px 4px #414133; box-shadow:4px 4px 4px  
4px #414133 }
```

Background

The CSS property to change the background color of an element to Hex 414133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414133 }
```

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

```
.background{ background-color:#414133 }
```

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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