

# Converting Colors

Hex(414A29)

Have a look what the booklet for  
Hex(414A29) contains.

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**Color**

**Hex(414A29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414A29
RGB	65, 74, 41
RGB Percent	25%, 29%, 16%
CMY	0.7451, 0.7098, 0.8392
CMYK	0.12, 0.00, 0.45, 0.71
HSL	76°, 29%, 23%
HSV	76°, 45%, 29%
XYZ	5.0290, 6.1815, 3.0259
YIQ	67.5470, 5.2290, -12.1710

# Conversions

## Conversions Part 2

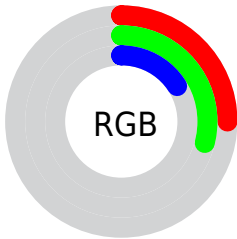
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 74, 50
Decimal	4278825
CIE Lab	29.87, -9.99, 18.50
CIE LCh	30, 21.023, 118.367
Yxy	6.1815, 0.3532, 0.4342
Android (android.graphics.Color)	4282468905 (0xFF414A29)
YUV	67.5470, -13.0877, -2.2337
Hunter-Lab	24.8626, -7.4040, 10.1879

# Details

The Hex color **414A29** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32294A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **727B57**, and **171E00** is the 20% darker color. If you saturate the color by 10%, you get **3F4A22**, and if you desaturate by 10%, it is **434A30**.

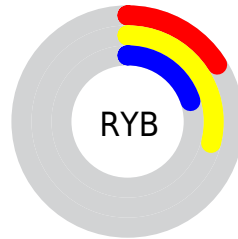
# Distribution



Red (25%)

Green (29%)

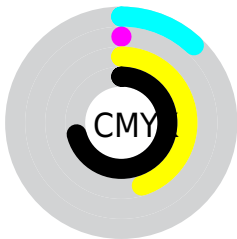
Blue (16%)



Red (16%)

Yellow (29%)

Blue (20%)

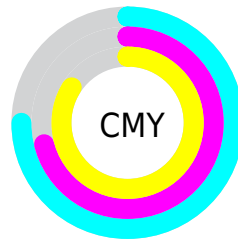


Cyan (12%)

Magenta (0%)

Yellow (45%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414A29 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 414A29 by changing the saturation by 10% instead.





414A29



414A29

FFFFFF



2A3314



727B57



171E00



8B946F



000000



A6AF89



C1CAA3



DDE7BE



FAFFDA



FFFFFF7



414A29



414A29

■ 3F4A22

■ 434A30

■ 3D4A1A

■ 454A38

■ 3B4A13

■ 474A3F

■ 394A0B

■ 494A47

■ 374A04

■ 4B4A4E

■ 364A00

■ 4D4A55

■ 4F4A5D

■ 514A64

■ 534A6C

# Harmonies

## Analogous

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



524525



414A29



2E4D35

# Triad

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



414A29



0B4C62



643A48

# Complementary

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



414A29



32294A

# 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.



5A3D58



414A29



2C4867

# Square

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



414A29



004F55



474263



663B38

# Rectangle

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



414A29



1F4F3F



474263



623A4D



# Sweetspot

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



414A29



5D6154



4A3229



2E3029



B0B0B0



303030



# Same Dimension

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



414A29



53612D



314A29



252622



4A6600



A7E600



# Inverse Universe

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



32294A



3B2D61



42294A



232226



1C0066

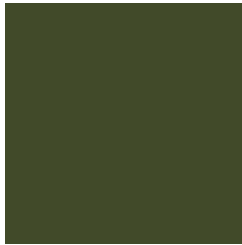


3F00E6



# Previews

## White Background



This preview shows how the Hex color 414A29 looks on a white background.

## Color Contrast Check

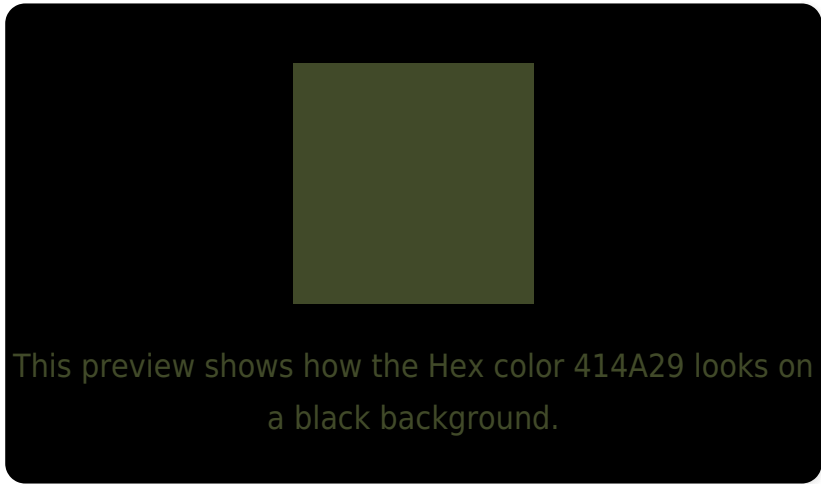
Large Text (above 18pt) WCAG AA ✓ Pass

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

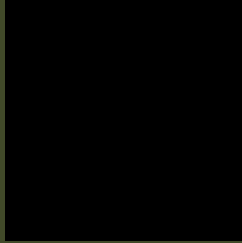
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 414A29 Background



This preview shows how black text looks on a background with the Hex color 414A29.



This preview shows how white text looks on a background with the Hex color 414A29.

# 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](#).

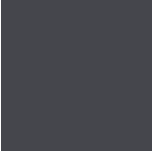
## Dichromacy



**Original Color**  
414A29

**Protanopia**  
4D4628

**Deuteranopia**  
55432B



**Tritanopia**  
45464C

# Trichromacy



**Original Color**  
414A29

**Protanomaly**  
494728

**Deuteranomaly**  
4E462A

**Tritanomaly**  
44473F

# Monochromacy



**Original Color**  
414A29

**Achromatopsia**  
444444

**Achromatomaly**  
43463A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414A29 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 #414A29 looks like.

```
.text, #text, p{  
    color:#414A29  
}
```

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 #414A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414A29
}
```

## Border

The CSS property to change the border of an element to Hex 414A29 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
#414A29 }
```

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

```
.border{ border-color:#414A29 }
```

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

Here you see how a box with a 4 pixel #414A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414A29; -webkit-box-shadow:4px 4px  
4px 4px #414A29; box-shadow:4px 4px 4px  
4px #414A29 }
```

# Background

The CSS property to change the background color of an element to Hex 414A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414A29 }
```

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

```
.background{ background-color:#414A29 }
```

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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