

# Converting Colors

Hex(414C42)

Have a look what the booklet for  
Hex(414C42) contains.

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# Color

Hex(414C42)

# Conversions

## Conversions Part 1

Format	Color
Hex	414C42
RGB	65, 76, 66
RGB Percent	25%, 30%, 26%
CMY	0.7451, 0.7020, 0.7412
CMYK	0.14, 0.00, 0.13, 0.70
HSL	125°, 8%, 28%
HSV	125°, 14%, 30%
XYZ	5.7478, 6.6860, 6.1419
YIQ	71.5710, -3.3460, -5.4420

# Conversions

## Conversions Part 2

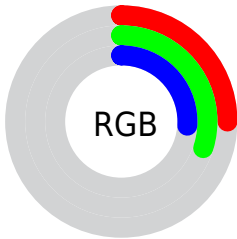
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 75, 76</a>
Decimal	<a href="#">4279362</a>
CIELab	<a href="#">31.08, -6.68, 4.47</a>
CIELCh	<a href="#">31, 8.039, 146.199</a>
Yxy	<a href="#">6.6860, 0.3094, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4282469442 (0xFF414C42)</a>
YUV	<a href="#">71.5710, -2.7465, -5.7628</a>
Hunter-Lab	<a href="#">25.8574, -5.5721, 4.0171</a>

# Details

The Hex color **414C42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C414B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **717D72**, and **162017** is the 20% darker color. If you saturate the color by 10%, you get **394C3B**, and if you desaturate by 10%, it is **494C49**.

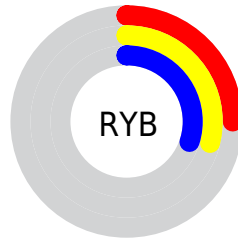
# Distribution



Red (25%)

Green (30%)

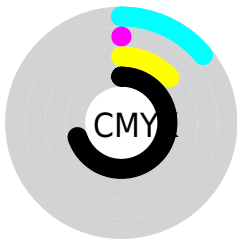
Blue (26%)



Red (25%)

Yellow (29%)

Blue (30%)

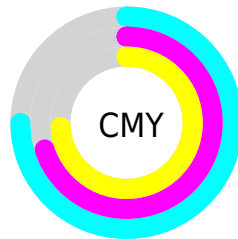


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414C42 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 414C42 by changing the saturation by 10% instead.





414C42



414C42

FFFFFF



2B352C



717D72



162017



8A978B



000700



A5B1A6



000000



C0CDC1



DCE9DD



F8FFF9



414C42



414C42



394C3B



494C49

■ 324C34

■ 504C50

■ 2A4C2D

■ 584C57

■ 234C26

■ 5F4C5E

■ 1B4C1F

■ 674C65

■ 134C19

■ 6F4C6B

■ 0C4C12

■ 764C72

■ 044C0B

■ 7E4C79

■ 004C07

■ 854C80

# Harmonies

## Analogous

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



484A3E



414C42



3B4D48

# Triad

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



414C42



414A56



564544

# Complementary

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



414C42



4C414B

# 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.



55454A



414C42



494854

# Square

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



414C42



3B4C53



514650



54463F

# Rectangle

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



414C42



394D4C



514650



574546



# Sweetspot

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



414C42



5F6360



4B4C41



303331



B3B3B3



333333



# Same Dimension

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



414C42



536354



414C47



222623



006609



00E615



# Inverse Universe

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



4C414B



635362



4C4146



262226



66005D



E600D1



# Previews

## White Background



This preview shows how the Hex color 414C42 looks on a white background.

## Color Contrast Check

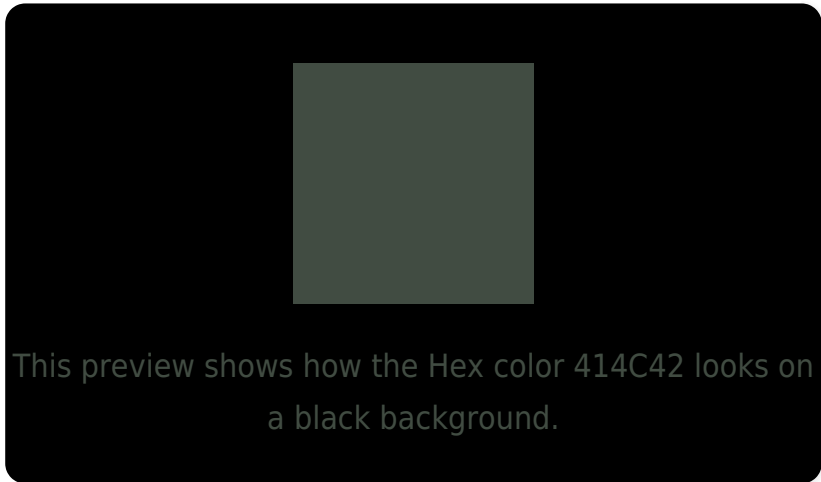
Large Text (above 18pt) WCAG AA ✓ Pass

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

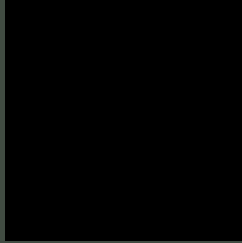
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

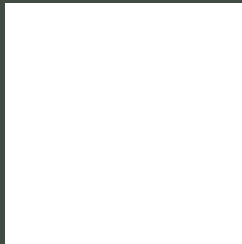
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 414C42 Background



This preview shows how black text looks on a background with the Hex color 414C42.



This preview shows how white text looks on a background with the Hex color 414C42.

# 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**  
414C42

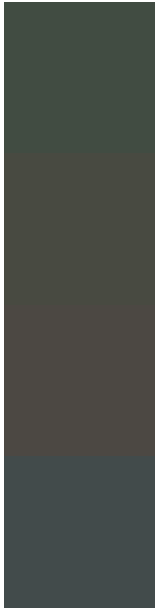
**Protanopia**  
4C4940

**Deuteranopia**  
524643



**Tritanopia**  
434A50

# Trichromacy



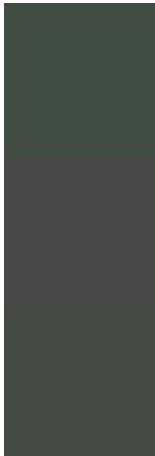
**Original Color**  
414C42

**Protanomaly**  
484A41

**Deuteranomaly**  
4C4843

**Tritanomaly**  
424B4B

# Monochromacy



**Original Color**  
414C42

**Achromatopsia**  
484848

**Achromatomaly**  
454946

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414C42 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 #414C42 looks like.

```
.text, #text, p{  
  color:#414C42  
}
```

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 #414C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414C42
}
```

## Border

The CSS property to change the border of an element to Hex 414C42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

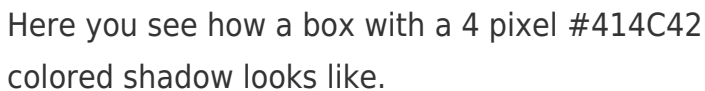
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414C42 }
```

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

```
.border{ border-color:#414C42 }
```

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



Here you see how a box with a 4 pixel #414C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414C42; -webkit-box-shadow:4px 4px  
4px 4px #414C42; box-shadow:4px 4px 4px  
4px #414C42 }
```

# Background

The CSS property to change the background color of an element to Hex 414C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414C42 }
```

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

```
.background{ background-color:#414C42 }
```

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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