

# Converting Colors

Hex(414925)

Have a look what the booklet for  
Hex(414925) contains.

<b>Hex(414925)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(414925)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414925
RGB	65, 73, 37
RGB Percent	25%, 29%, 15%
CMY	0.7451, 0.7137, 0.8549
CMYK	0.11, 0.00, 0.49, 0.71
HSL	73°, 33%, 22%
HSV	73°, 49%, 29%
XYZ	4.8964, 6.0225, 2.6546
YIQ	66.5040, 6.7880, -12.8920

# Conversions

## Conversions Part 2

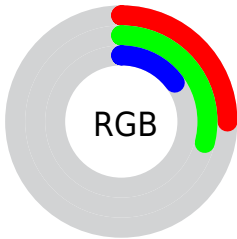
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	37, 73, 45
Decimal	4278565
CIE Lab	29.47, -9.94, 20.40
CIE LCh	29, 22.695, 115.982
Yxy	6.0225, 0.3607, 0.4437
Android (android.graphics.Color)	4282468645 (0xFF414925)
YUV	66.5040, -14.5455, -1.3190
Hunter-Lab	24.5407, -7.3314, 10.7649

# Details

The Hex color **414925** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D2549**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **727A53**, and **161D00** is the 20% darker color. If you saturate the color by 10%, you get **3F491E**, and if you desaturate by 10%, it is **43492C**.

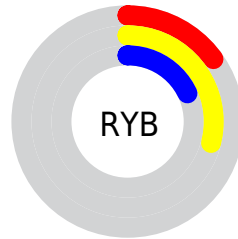
# Distribution



Red (25%)

Green (29%)

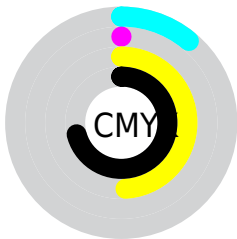
Blue (15%)



Red (15%)

Yellow (29%)

Blue (18%)

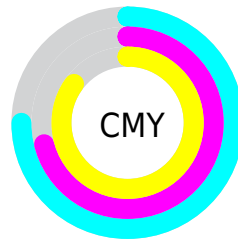


Cyan (11%)

Magenta (0%)

Yellow (49%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414925 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 414925 by changing the saturation by 10% instead.





414925



414925

FFFFFF



2A3210



727A53



161D00



8B936B



000000



A6AE84



C1C99F



DDE5BA



FAFFD5



FFFFFF2



414925



414925

■ 3F491E

■ 43492C

■ 3E4916

■ 444934

■ 3C490F

■ 46493B

■ 3B4908

■ 474942

■ 394901

■ 49494A

■ 394900

■ 4B4951

■ 4C4958

■ 4E495F

■ 504967

# Harmonies

## Analogous

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



534422



414925



2C4D31

# Triad

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



414925



004C62



653849

# Complementary

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



414925



2D2549

# 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.



593B59



414925



254868

# Square

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



414925



004E54



444265



673837

# Rectangle

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



414925



1B4E3C



444265



62384E



# Sweetspot

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



414925



5B5E50



492D25



2F3028



B0B0B0



303030



# Same Dimension

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



414925



525E27



2F4925



232420



4D6300



B1E300



# Inverse Universe

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



2D2549



33275E



3F2549



212024



160063



3200E3



# Previews

## White Background



This preview shows how the Hex color 414925 looks on a white background.

## Color Contrast Check

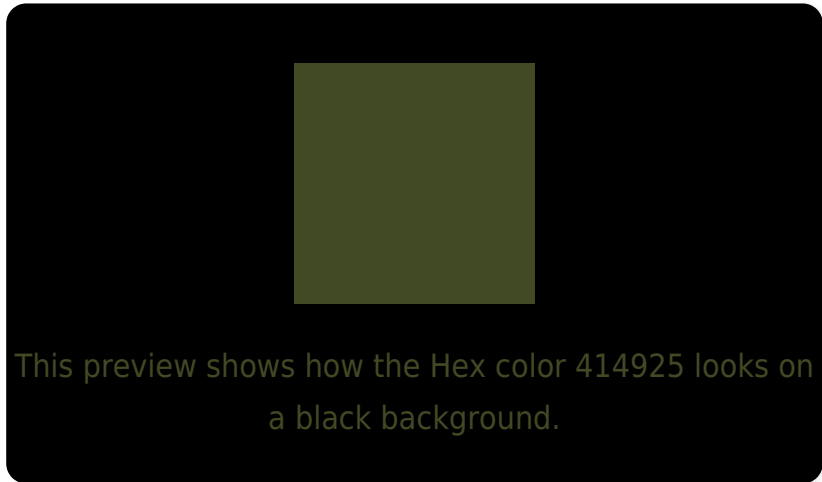
Large Text (above 18pt) WCAG AA ✓ Pass

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

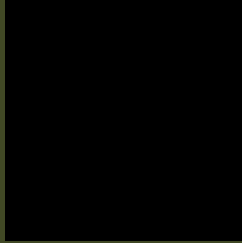
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

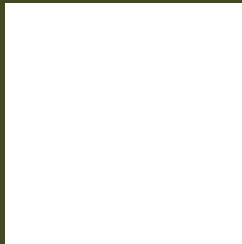
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 414925 Background



This preview shows how black text looks on a background with the Hex color 414925.



This preview shows how white text looks on a background with the Hex color 414925.

# 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**  
414925

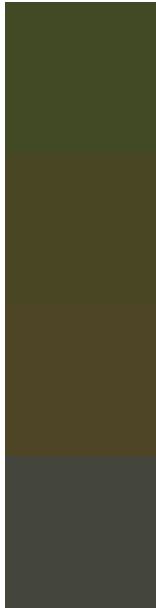
**Protanopia**  
4D4524

**Deuteranopia**  
554227



**Tritanopia**  
45454A

# Trichromacy



**Original Color**  
414925

**Protanomaly**  
494624

**Deuteranomaly**  
4E4526

**Tritanomaly**  
44463D

# Monochromacy



**Original Color**  
414925

**Achromatopsia**  
434343

**Achromatomaly**  
424538

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414925 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 #414925 looks like.

```
.text, #text, p{  
    color:#414925  
}
```

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 #414925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414925  
}
```

## Border

The CSS property to change the border of an element to Hex 414925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

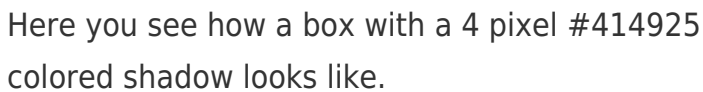
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#414925 }
```

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

```
.border{ border-color:#414925 }
```

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



Here you see how a box with a 4 pixel #414925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414925; -webkit-box-shadow:4px 4px  
4px 4px #414925; box-shadow:4px 4px 4px  
4px #414925 }
```

# Background

The CSS property to change the background color of an element to Hex 414925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414925 }
```

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

```
.background{ background-color:#414925 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor