

# Converting Colors

Hex(413924)

Have a look what the booklet for  
Hex(413924) contains.

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# Color

**Hex(413924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	413924
RGB	65, 57, 36
RGB Percent	25%, 22%, 14%
CMY	0.7451, 0.7765, 0.8588
CMYK	0.00, 0.12, 0.45, 0.75
HSL	43°, 29%, 20%
HSV	43°, 45%, 25%
XYZ	3.9615, 4.1774, 2.2666
YIQ	56.9980, 11.5090, -4.8350

# Conversions

## Conversions Part 2

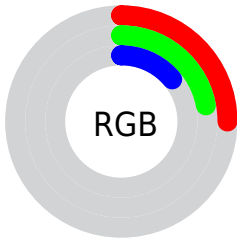
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 65, 36
Decimal	4274468
CIELab	24.25, -0.13, 14.38
CIELCh	24, 14.379, 90.523
Yxy	4.1774, 0.3807, 0.4015
Android (android.graphics.Color)	4282464548 (0xFF413924)
YUV	56.9980, -10.3520, 7.0178
Hunter-Lab	20.4388, -1.1703, 7.7321

# Details

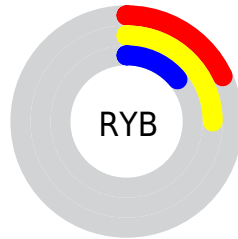
The Hex color **413924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242C41**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **726851**, and **140E00** is the 20% darker color. If you saturate the color by 10%, you get **41371E**, and if you desaturate by 10%, it is **413B2B**.

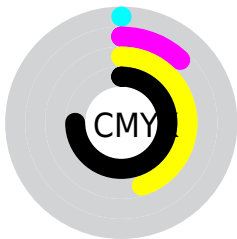
# Distribution



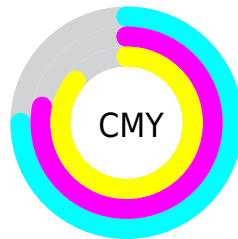
- Red (25%)
- Green (22%)
- Blue (14%)



- Red (18%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (75%)



- Cyan (75%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 413924 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 413924 by changing the saturation by 10% instead.





413924



413924

FFFFFF



2A240F



726851



140E00



8B8169



000000



A69B82



C1B69C



DDD1B7



FAEED3



FFFFEF



413924



413924

■ 41371E

■ 413B2B

■ 413517

■ 413D31

■ 413410

■ 413E38

■ 41320A

■ 41403E

■ 413004

■ 414245

■ 412F00

■ 41444B

■ 414652

■ 414758

■ 41495E

# Harmonies

## Analogous

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



4A3527



413924



363C27

# Triad

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



413924



163F44



483344

# Complementary

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



413924



242C41

# 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.



3B374C



413924



1D3E4C

# Square

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



413924



1D4039



2C3B4F



4E323A

# Rectangle

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



413924



2D3E2C



2C3B4F



443447



# Sweetspot

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



413924



545149



41242C



2B2924



ABABAB



2B2B2B



# Same Dimension

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



413924



544827



3B4124



21201E



614600



E0A200



# Inverse Universe

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



242C41



273354



2A2441



1E1F21



001B61



003EE0



# Previews

## White Background



This preview shows how the Hex color 413924 looks on a white background.

## Color Contrast Check

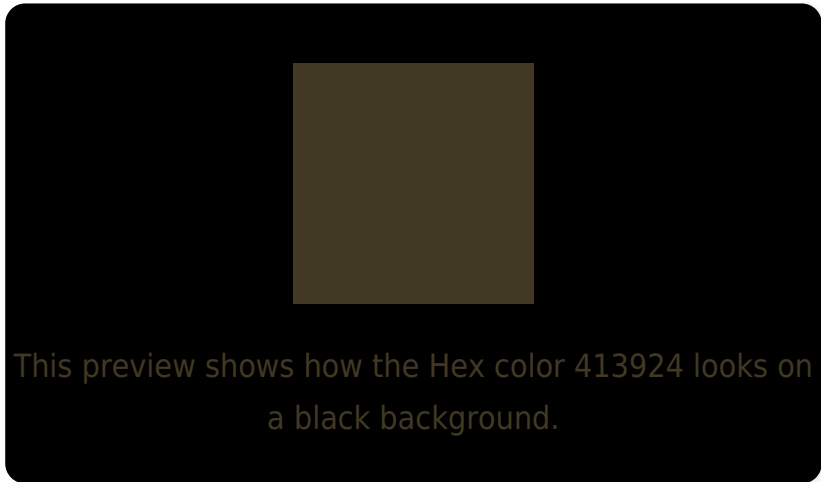
Large Text (above 18pt) WCAG AA ✓ Pass

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

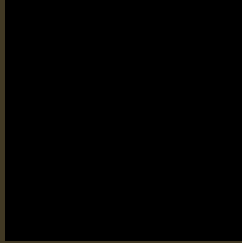
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 413924 Background



This preview shows how black text looks on a background with the Hex color 413924.

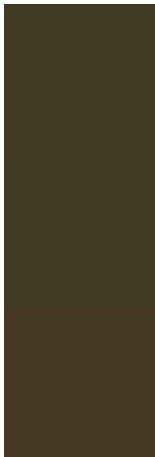


This preview shows how white text looks on a background with the Hex color 413924.

# 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](#).

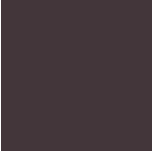
## Dichromacy



**Original Color**  
413924

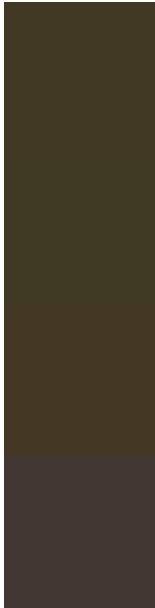
**Protanopia**  
3F3A24

**Deuteranopia**  
463724



**Tritanopia**  
43363A

# Trichromacy



**Original Color**

413924

**Protanomaly**

403A24

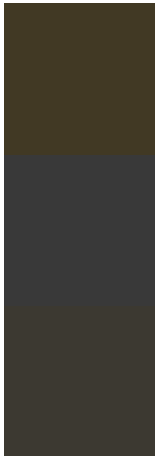
**Deuteranomaly**

443824

**Tritanomaly**

423732

# Monochromacy



**Original Color**

413924

**Achromatopsia**

393939

**Achromatomaly**

3C3931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 413924 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 #413924 looks like.

```
.text, #text, p{  
    color:#413924  
}
```

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 #413924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413924
}
```

## Border

The CSS property to change the border of an element to Hex 413924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

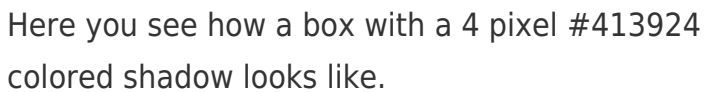
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413924 }
```

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

```
.border{ border-color:#413924 }
```

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



Here you see how a box with a 4 pixel #413924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413924; -webkit-box-shadow:4px 4px  
4px 4px #413924; box-shadow:4px 4px 4px  
4px #413924 }
```

# Background

The CSS property to change the background color of an element to Hex 413924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413924 }
```

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

```
.background{ background-color:#413924 }
```

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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