

Converting Colors

Hex(413226)

Have a look what the booklet for
Hex(413226) contains.

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Color

Hex(413226)

Conversions

Conversions Part 1

Format	Color
Hex	413226
RGB	65, 50, 38
RGB Percent	25%, 20%, 15%
CMY	0.7451, 0.8039, 0.8510
CMYK	0.00, 0.23, 0.42, 0.75
HSL	27°, 26%, 20%
HSV	27°, 42%, 25%
XYZ	3.6704, 3.5450, 2.3245
YIQ	53.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

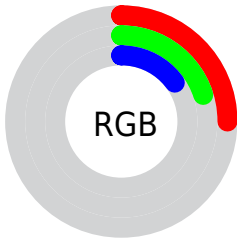
Format	Color
RYB	65, 60, 38
Decimal	4272678
CIELab	22.11, 4.75, 10.22
CIELCh	22, 11.269, 65.054
Yxy	3.5450, 0.3847, 0.3716
Android (android.graphics.Color)	4282462758 (0xFF413226)
YUV	53.1170, -7.4527, 10.4214
Hunter-Lab	18.8281, 1.8485, 5.8597

Details

The Hex color **413226** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **263541**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **726053**, and **150400** is the 20% darker color. If you saturate the color by 10%, you get **412E20**, and if you desaturate by 10%, it is **41362D**.

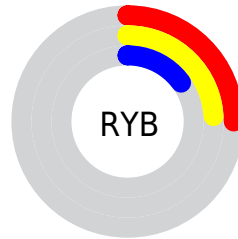
Distribution



Red (25%)

Green (20%)

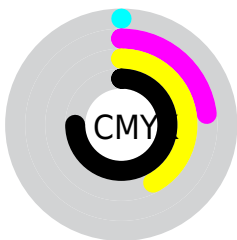
Blue (15%)



Red (25%)

Yellow (24%)

Blue (15%)

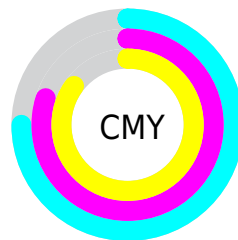


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413226 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 413226 by changing the saturation by 10% instead.



413226



413226

FFFFFF



2A1D11



726053



150400



8B796B



000000



A69384



C1AD9E



DDC9B9



FAE5D5



FFFFF1



413226



413226

■ 412E20

■ 41362D

■ 412B19

■ 413933

■ 412713

■ 413D3A

■ 41240C

■ 414040

■ 412006

■ 414447

■ 411D00

■ 41484D

■ 414B54

■ 414F5A

■ 415261

Harmonies

Analogous

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



45302C



413226



3A3524

Triad

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



413226



1F3A36



383243

Complementary

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



413226



263541

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.



2D3545



413226



1C393E

Square

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



413226



27392E



223844



41303C

Rectangle

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



413226



343726



223844



343344

Sweetspot

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



413226



544F4A



412635



2B2825



ABABAB



2B2B2B

Same Dimension

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



413226



543D2A



413F26



211F1E



612B00



E06400

Inverse Universe

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



263541



2A4154



262841



1E2021



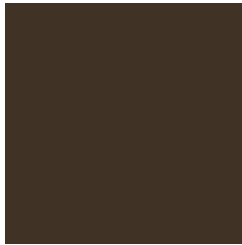
003661



007DE0

Previews

White Background



This preview shows how the Hex color 413226 looks on a white background.

Color Contrast Check

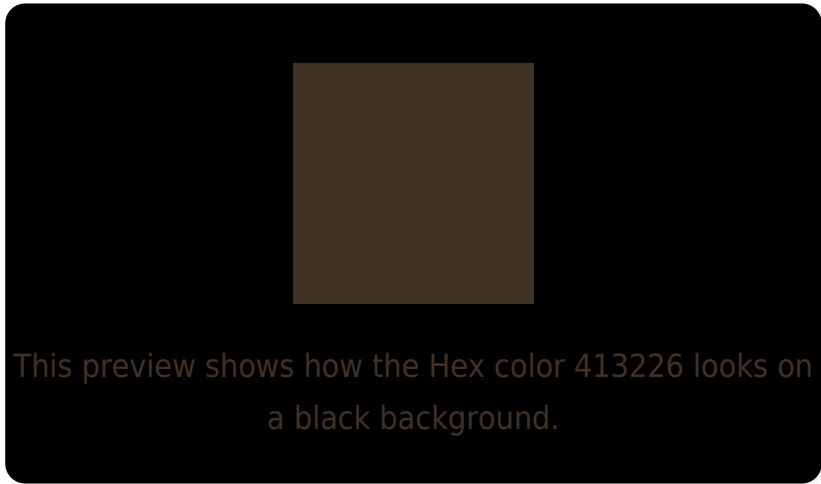
Large Text (above 18pt) WCAG AA ✓ Pass

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

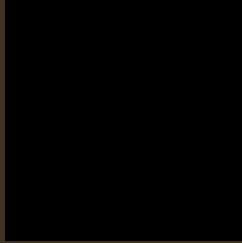
Any Text WCAG AA × Fail

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 413226 Background



This preview shows how black text looks on a background with the Hex color 413226.

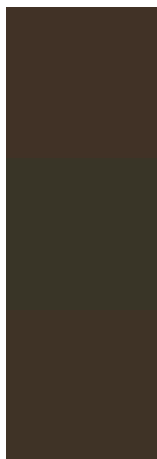


This preview shows how white text looks on a background with the Hex color 413226.

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](#).

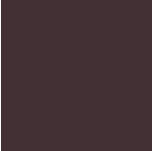
Dichromacy



Original Color
413226

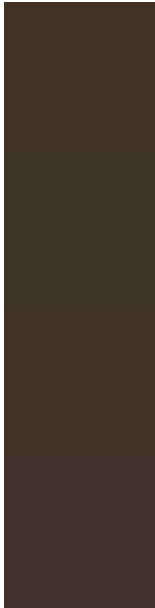
Protanopia
393527

Deuteranopia
3F3326



Tritanopia
423034

Trichromacy



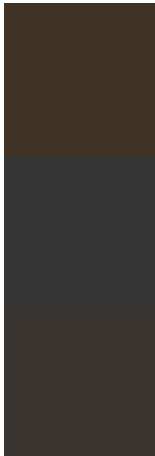
Original Color
413226

Protanomaly
3C3427

Deuteranomaly
403326

Tritanomaly
42312F

Monochromacy



Original Color
413226

Achromatopsia
353535

Achromatomaly
393430

CSS Examples

Text

The CSS property to change the color of the text to Hex 413226 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 #413226 looks like.

```
.text, #text, p{  
    color:#413226  
}
```

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 #413226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413226
}
```

Border

The CSS property to change the border of an element to Hex 413226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

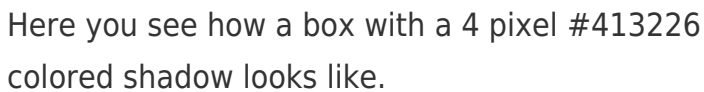
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413226 }
```

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

```
.border{ border-color:#413226 }
```

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



Here you see how a box with a 4 pixel #413226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413226; -webkit-box-shadow:4px 4px  
4px 4px #413226; box-shadow:4px 4px 4px  
4px #413226 }
```

Background

The CSS property to change the background color of an element to Hex 413226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413226 }
```

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

```
.background{ background-color:#413226 }
```

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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