

Converting Colors

Hex(413900)

Have a look what the booklet for
Hex(413900) contains.

Hex(413900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(413900)

Conversions

Conversions Part 1

Format	Color
Hex	413900
RGB	65, 57, 0
RGB Percent	25%, 22%, 0%
CMY	0.7451, 0.7765, 1.0000
CMYK	0.00, 0.12, 1.00, 0.75
HSL	53°, 100%, 13%
HSV	53°, 100%, 25%
XYZ	3.6431, 4.0501, 0.5897
YIQ	52.8940, 23.0650, -16.0310

Conversions

Conversions Part 2

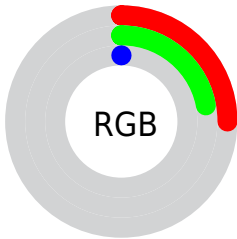
Format	Color
R _Y B	9, 65, 0
Decimal	4274432
CIE Lab	23.84, -3.12, 32.66
CIE LCh	24, 32.811, 95.465
Yxy	4.0501, 0.4398, 0.4890
Android (android.graphics.Color)	4282464512 (0xFF413900)
YUV	52.8940, -26.0767, 10.6170
Hunter-Lab	20.1248, -2.9053, 12.3499

Details

The Hex color **413900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000841**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **736830**, and **0D0F00** is the 20% darker color. If you saturate the color by 10%, you get **413900**, and if you desaturate by 10%, it is **413A06**.

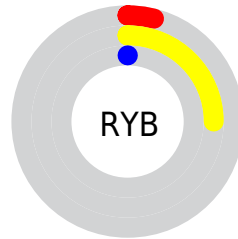
Distribution



Red (25%)

Green (22%)

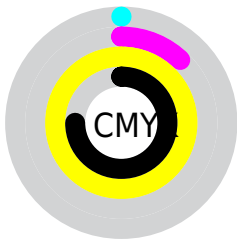
Blue (0%)



Red (4%)

Yellow (25%)

Blue (0%)

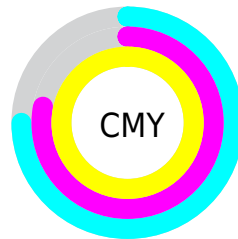


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413900 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 413900 by changing the saturation by 10% instead.

 413900

 413900

 FFFFE6

 292400

 736830

 0D0F00

 8E8147

 000000

 A99B60

 C5B579

 E2D193

 FFEDAE

 FFFFCA

 413900

■ 413A06

■ 413B0D

■ 413B14

■ 413C1A

■ 413D21

■ 413E27

■ 413F2D

■ 413F34

■ 41403B

Harmonies

Analogous

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



553009



413900



273F0D

Triad

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



413900



004455



5A254E

Complementary

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



413900



000841

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.



3F3061



413900



004165

Square

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



413900



00443D



003A6A



652035

Rectangle

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



413900



0C421B



003A6A



532955

Sweetspot

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



413900



54513B



410009



2B291C



ABABAB



2B2B2B

Same Dimension

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



413900



544A00



294100



21211E



615500



E0C500

Inverse Universe

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



000841



000A54



180041



1E1E21



000C61



001CE0

Previews

White Background



This preview shows how the Hex color 413900 looks on a white background.

Color Contrast Check

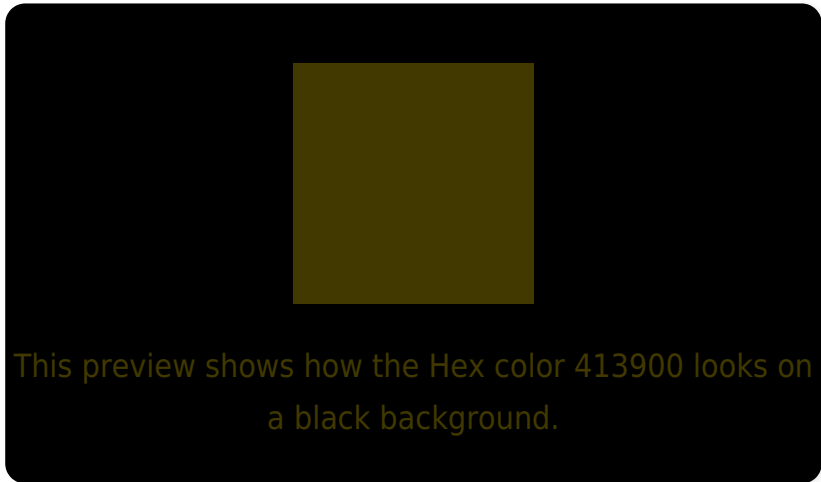
Large Text (above 18pt) WCAG AA ✓ Pass

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

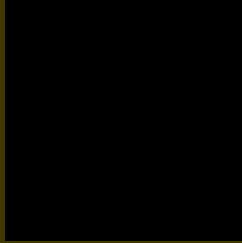
Any Text WCAG AA × Fail

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 413900 Background



This preview shows how black text looks on a background with the Hex color 413900.

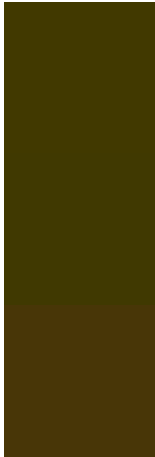


This preview shows how white text looks on a background with the Hex color 413900.

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
413900

Protanopia
403901

Deuteranopia
483607



Tritanopia
443539

Trichromacy



Original Color
413900

Protanomaly
403901

Deuteranomaly
453704

Tritanomaly
433624

Monochromacy



Original Color
413900

Achromatopsia
353535

Achromatomaly
393622

CSS Examples

Text

The CSS property to change the color of the text to Hex 413900 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 #413900 looks like.

```
.text, #text, p{  
    color:#413900  
}
```

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 #413900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413900
}
```

Border

The CSS property to change the border of an element to Hex 413900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

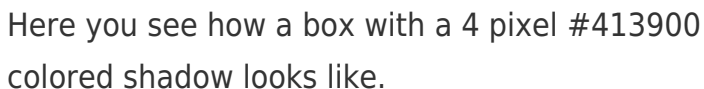
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413900 }
```

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

```
.border{ border-color:#413900 }
```

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



Here you see how a box with a 4 pixel #413900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413900; -webkit-box-shadow:4px 4px  
4px 4px #413900; box-shadow:4px 4px 4px  
4px #413900 }
```

Background

The CSS property to change the background color of an element to Hex 413900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413900 }
```

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

```
.background{ background-color:#413900 }
```

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