

Converting Colors

Hex(00441A)

Have a look what the booklet for
Hex(00441A) contains.

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Color

Hex(00441A)

Conversions

Conversions Part 1

Format	Color
Hex	00441A
RGB	0, 68, 26
RGB Percent	0%, 27%, 10%
CMY	1.0000, 0.7333, 0.8980
CMYK	1.00, 0.00, 0.62, 0.73
HSL	143°, 100%, 13%
HSV	143°, 100%, 27%
XYZ	2.2536, 4.2088, 1.6709
YIQ	42.8800, -27.0460, -27.4780

Conversions

Conversions Part 2

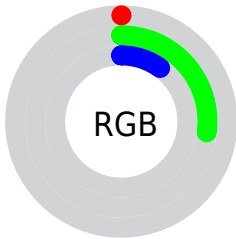
Format	Color
RYB	0, 49, 68
Decimal	17434
CIELab	24.35, -30.28, 19.87
CIELCh	24, 36.218, 146.729
Yxy	4.2088, 0.2771, 0.5175
Android (android.graphics.Color)	4278207514 (0xFF00441A)
YUV	42.8800, -8.3218, -37.6058
Hunter-Lab	20.5154, -16.2941, 9.5319

Details

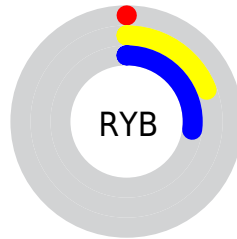
The Hex color **00441A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **44002A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3A7547**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **00441A**, and if you desaturate by 10%, it is **07441E**.

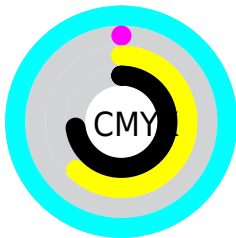
Distribution



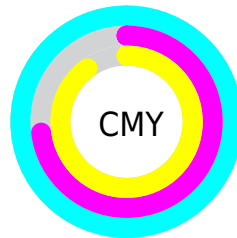
- Red (0%)
- Green (27%)
- Blue (10%)



- Red (0%)
- Yellow (19%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00441A 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 00441A by changing the saturation by 10% instead.

 00441A

 00441A

 F8FFFF

 002D01

 3A7547

 001800

 538F5F

 000000

 6DAA77

 88C591

 A3E1AC

 BEFEC7

 DBFFE3

 00441A

■ 07441E

■ 0E4422

■ 144427

■ 1B442B

■ 22442F

■ 294433

■ 304437

■ 36443C

■ 3D4440

Harmonies

Analogous

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



2F3F01



00441A



004636

Triad

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



00441A



003E71



692123

Complementary

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



00441A



44002A

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.



681E3E



00441A



33346B

Square

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



00441A



004467



582758



5D2C0A

Rectangle

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



00441A



004649



582758



6A1E2C

Sweetspot

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



00441A



3E5949



2B4400



1D2E24



ADADAD



2E2E2E

Same Dimension

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



00441A



005922



00443B



1E211F



006125



00E056

Inverse Universe

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



44002A



590037



440009



211E20



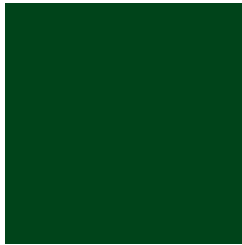
61003C



E0008B

Previews

White Background



This preview shows how the Hex color 00441A looks on a white background.

Color Contrast Check

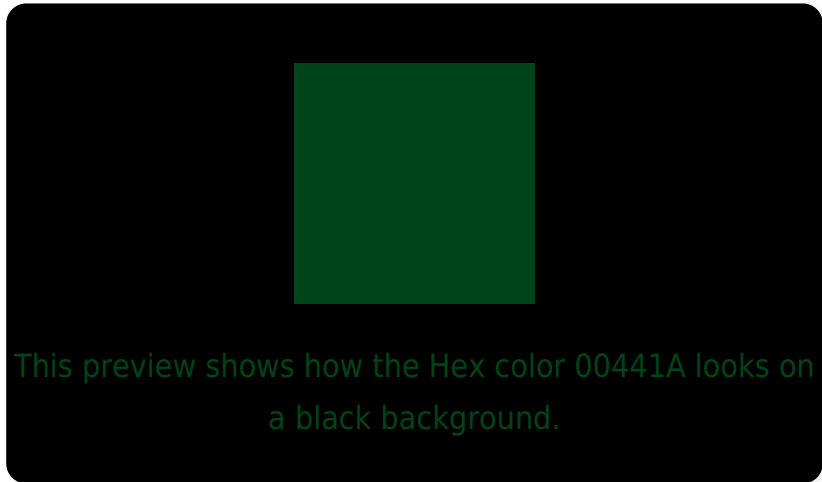
Large Text (above 18pt) WCAG AA ✓ Pass

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

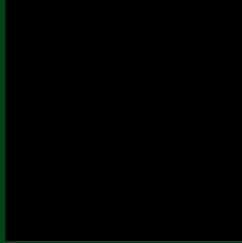
Any Text WCAG AA × Fail

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 00441A Background



This preview shows how black text looks on a background with the Hex color 00441A.



This preview shows how white text looks on a background with the Hex color 00441A.

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
00441A

Protanopia
413A17

Deuteranopia
48381E



Tritanopia
1B4045

Trichromacy



Original Color

00441A

Protanomaly

293E18

Deuteranomaly

2E3C1D

Tritanomaly

114135

Monochromacy



Original Color

00441A

Achromatopsia

2B2B2B

Achromatomaly

1B3425

CSS Examples

Text

The CSS property to change the color of the text to Hex 00441A 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 #00441A looks like.

```
.text, #text, p{  
    color:#00441A  
}
```

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 #00441A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00441A
}
```

Border

The CSS property to change the border of an element to Hex 00441A 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
#00441A }
```

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

```
.border{ border-color:#00441A }
```

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

Here you see how a box with a 4 pixel #00441A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00441A; -webkit-box-shadow:4px 4px  
4px 4px #00441A; box-shadow:4px 4px 4px  
4px #00441A }
```

Background

The CSS property to change the background color of an element to Hex 00441A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00441A }
```

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

```
.background{ background-color:#00441A }
```

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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