

Converting Colors

Hex(02441A)

Have a look what the booklet for
Hex(02441A) contains.

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Color

Hex(02441A)

Conversions

Conversions Part 1

Format	Color
Hex	02441A
RGB	2, 68, 26
RGB Percent	1%, 27%, 10%
CMY	0.9922, 0.7333, 0.8980
CMYK	0.97, 0.00, 0.62, 0.73
HSL	142°, 94%, 14%
HSV	142°, 97%, 27%
XYZ	2.2786, 4.2217, 1.6721
YIQ	43.4780, -25.8540, -27.0540

Conversions

Conversions Part 2

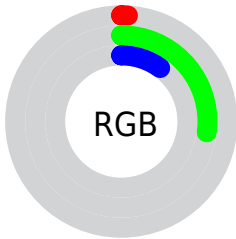
Format	Color
RYB	2, 50, 68
Decimal	148506
CIELab	24.39, -29.93, 19.93
CIELCh	24, 35.956, 146.342
Yxy	4.2217, 0.2788, 0.5166
Android (android.graphics.Color)	4278338586 (0xFF02441A)
YUV	43.4780, -8.6167, -36.3762
Hunter-Lab	20.5469, -16.1617, 9.5579

Details

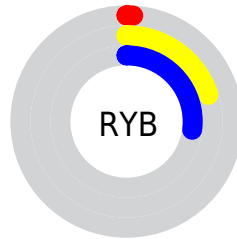
The Hex color **02441A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **44022C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B7547**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **004419**, and if you desaturate by 10%, it is **09441E**.

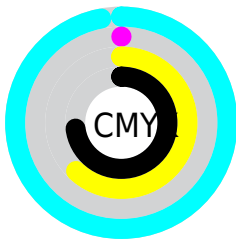
Distribution



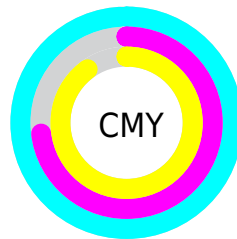
- Red (1%)
- Green (27%)
- Blue (10%)



- Red (1%)
- Yellow (20%)
- Blue (27%)



- Cyan (97%)
- Magenta (0%)
- Yellow (62%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02441A 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 02441A by changing the saturation by 10% instead.

 02441A

 02441A

 F9FFFF

 002D01

 3B7547

 001800

 548F5F

 000000

 6EAA77

 89C591

 A4E1AC

 BFFEC7

 DCFE3

 02441A

 02441A

■ 004419

■ 09441E

■ 104423

■ 164427

■ 1D442B

■ 244430

■ 2B4434

■ 324438

■ 38443D

■ 3F4441

Harmonies

Analogous

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



303F01



02441A



004636

Triad

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



02441A



003E70



692124

Complementary

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



02441A



44022C

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



02441A



33346B

Square

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



02441A



004467



572758



5E2D0B

Rectangle

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



02441A



004648



572758



6A1F2C

Sweetspot

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



02441A



3F5949



2D4402



1E2E24



ADADAD



2E2E2E

Same Dimension

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



02441A



005920



02443A



1E211F



006123



00E052

Inverse Universe

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



44022C



590039



44020C



211E20



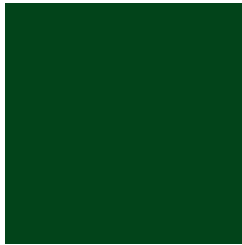
61003E



E0008F

Previews

White Background



This preview shows how the Hex color 02441A looks on a white background.

Color Contrast Check

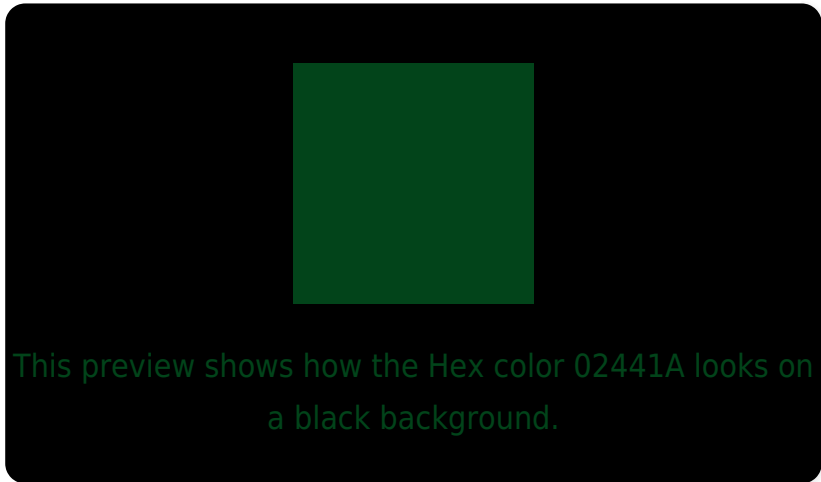
Large Text (above 18pt) WCAG AA ✓ Pass

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

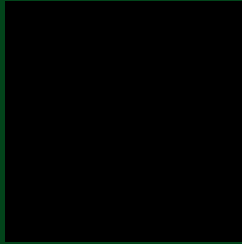
Any Text WCAG AA × Fail

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 02441A Background



This preview shows how black text looks on a background with the Hex color 02441A.



This preview shows how white text looks on a background with the Hex color 02441A.

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
02441A

Protanopia
413A17

Deuteranopia
48381E



Tritanopia
1B4045

Trichromacy



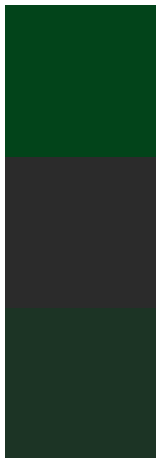
Original Color
02441A

Protanomaly
2A3E18

Deuteranomaly
2F3C1D

Tritanomaly
124135

Monochromacy



Original Color
02441A

Achromatopsia
2B2B2B

Achromatomaly
1C3425

CSS Examples

Text

The CSS property to change the color of the text to Hex 02441A 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 #02441A looks like.

```
.text, #text, p{  
    color:#02441A  
}
```

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 #02441A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02441A
}
```

Border

The CSS property to change the border of an element to Hex 02441A 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".

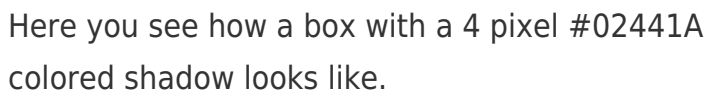
```
.border, #border, table{ border:4px solid
#02441A }
```

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

```
.border{ border-color:#02441A }
```

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

Here you see how a box with a 4 pixel #02441A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02441A; -webkit-box-shadow:4px 4px  
4px 4px #02441A; box-shadow:4px 4px 4px  
4px #02441A }
```

Background

The CSS property to change the background color of an element to Hex 02441A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02441A }
```

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

```
.background{ background-color:#02441A }
```

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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