

# Converting Colors

Hex(02441D)

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

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# Color

**Hex(02441D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02441D
RGB	2, 68, 29
RGB Percent	1%, 27%, 11%
CMY	0.9922, 0.7333, 0.8863
CMYK	0.97, 0.00, 0.57, 0.73
HSL	145°, 94%, 14%
HSV	145°, 97%, 27%
XYZ	2.3139, 4.2359, 1.8580
YIQ	43.8200, -26.8170, -26.1210

# Conversions

## Conversions Part 2

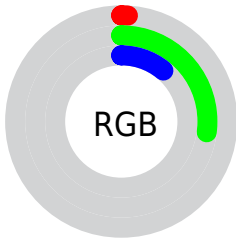
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	2, 49, 68
Decimal	148509
CIE Lab	24.44, -29.38, 18.23
CIE LCh	24, 34.576, 148.186
Yxy	4.2359, 0.2752, 0.5038
Android (android.graphics.Color)	4278338589 (0xFF02441D)
YUV	43.8200, -7.3063, -36.6761
Hunter-Lab	20.5812, -15.9485, 9.0542

# Details

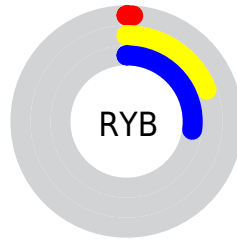
The Hex color **02441D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440229**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B754A**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **00441C**, and if you desaturate by 10%, it is **094421**.

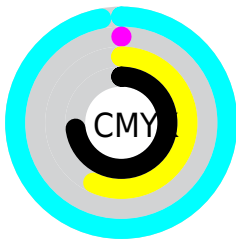
# Distribution



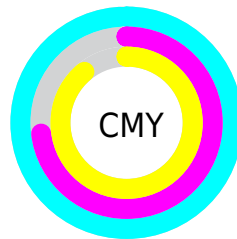
- Red (1%)
- Green (27%)
- Blue (11%)



- Red (1%)
- Yellow (19%)
- Blue (27%)



- Cyan (97%)
- Magenta (0%)
- Yellow (57%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (89%)

# Brightness & Saturation Gradients

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



 02441D

 02441D

 F9FFFF

 002D06

 3B754A

 001800

 548F62

 000000

 6EAA7B

 88C595

 A4E1AF

 BFFECB

 DCFE7

 02441D

 02441D

■ 00441C

■ 094421

■ 104425

■ 164429

■ 1D442D

■ 244431

■ 2B4435

■ 324439

■ 38443D

■ 3F4441

# Harmonies

## Analogous

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



2F4005



02441D



004638

# Triad

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



02441D



003E6E



672323

# Complementary

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



02441D



440229

# 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.



67203D



02441D



363468

# Square

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



02441D



004366



582856



5C2E0C

# Rectangle

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



02441D



00464A



582856



69212B



# Sweetspot

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



02441D



3F594A



2A4402



1E2E24



ADADAD



2E2E2E



# Same Dimension

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



02441D



005925



02443D



1E211F



006128



00E05C



# Inverse Universe

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



440229



590035



440209



211E20



610039

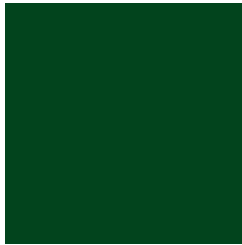


E00085



# Previews

## White Background



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

## Color Contrast Check

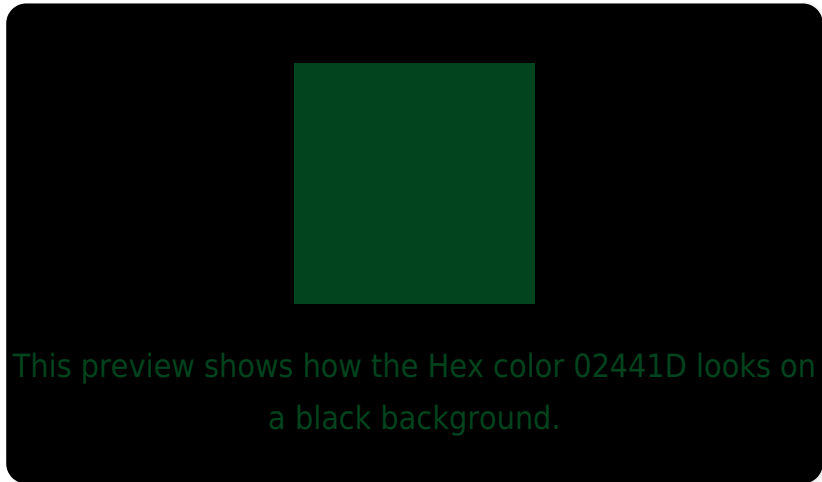
Large Text (above 18pt) WCAG AA ✓ Pass

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

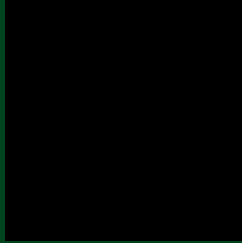
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 02441D Background



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



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

# 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**  
02441D

**Protanopia**  
413B1A

**Deuteranopia**  
473820



**Tritanopia**  
1B4045

# Trichromacy



**Original Color**  
02441D

**Protanomaly**  
2A3E1B

**Deuteranomaly**  
2E3C1F

**Tritanomaly**  
124136

# Monochromacy



**Original Color**  
02441D

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
1D3527

# CSS Examples

## Text

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

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

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 #02441D colored shadow looks like.

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

## Border

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

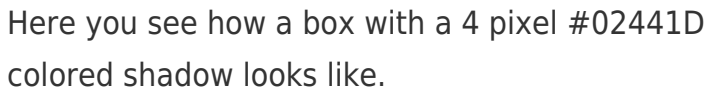
```
.border, #border, table{ border:4px solid
#02441D }
```

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

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

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

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



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

# Background

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

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

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

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

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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