

# Converting Colors

Hex(074311)

Have a look what the booklet for  
Hex(074311) contains.

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# Color

**Hex(074311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	074311
RGB	7, 67, 17
RGB Percent	3%, 26%, 7%
CMY	0.9725, 0.7373, 0.9333
CMYK	0.90, 0.00, 0.75, 0.74
HSL	130°, 81%, 15%
HSV	130°, 90%, 26%
XYZ	2.1960, 4.1000, 1.2059
YIQ	43.3600, -19.7100, -28.2700

# Conversions

## Conversions Part 2

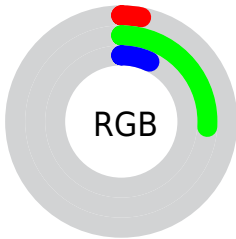
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 58, 67
Decimal	475921
CIELab	24.00, -30.00, 24.38
CIELCh	24, 38.661, 140.900
Yxy	4.1000, 0.2927, 0.5465
Android (android.graphics.Color)	4278666001 (0xFF074311)
YUV	43.3600, -12.9955, -31.8877
Hunter-Lab	20.2483, -16.0761, 10.6427

# Details

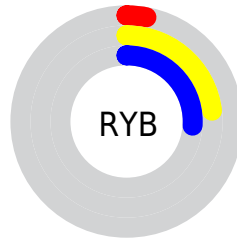
The Hex color **074311** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **430739**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3E743E**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **00430B**, and if you desaturate by 10%, it is **0E4317**.

# Distribution



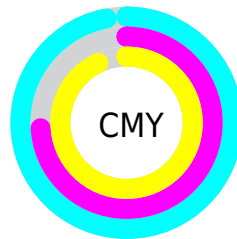
- Red (3%)
- Green (26%)
- Blue (7%)



- Red (3%)
- Yellow (23%)
- Blue (26%)



- Cyan (90%)
- Magenta (0%)
- Yellow (75%)
- Black (74%)



- Cyan (97%)
- Magenta (74%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 074311 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 074311 by changing the saturation by 10% instead.



 074311

 074311

 FCFFF6

 002C00

 3E743E

 001700

 578E56

 000000

 71A86E

 8BC488

 A7E0A2

 C2FDBE

 DFFFDA

 074311

 074311

■ 00430B

■ 0E4317

■ 14431C

■ 1B4322

■ 224327

■ 29432D

■ 2F4333

■ 364338

■ 3D433E

■ 434343

# Harmonies

## Analogous

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



333E00



074311



00462F

# Triad

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



074311



003F73



6C1B26

# Complementary

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



074311



430739

# 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.



681A43



074311



243570

# Square

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



074311



004466



53275E



61280B

# Rectangle

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



074311



004643



53275E



6C1930



# Sweetspot

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



074311



3F5743



394307



1D2B20



ABABAB



2B2B2B



# Same Dimension

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



074311



00570E



07432F



1E211E



006110



00E025



# Inverse Universe

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



430739



570048



43071B



211E21



610051

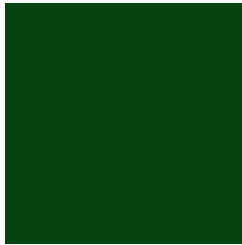


E000BB



# Previews

## White Background



This preview shows how the Hex color 074311 looks on a white background.

## Color Contrast Check

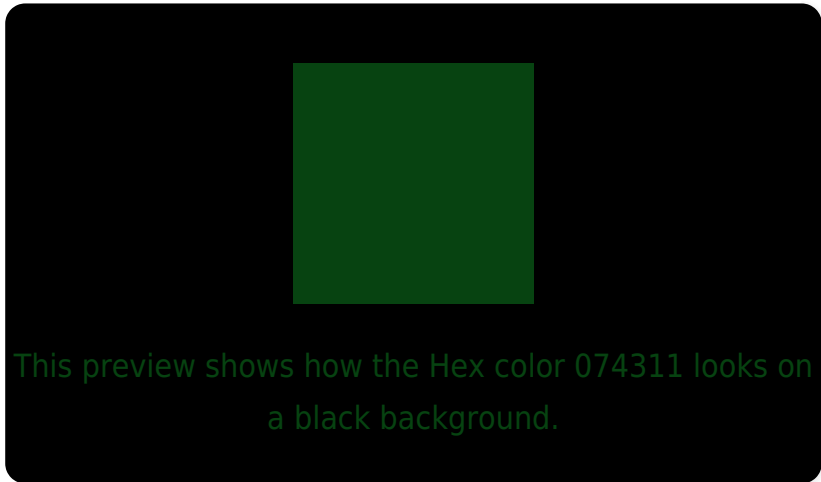
Large Text (above 18pt) WCAG AA ✓ Pass

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

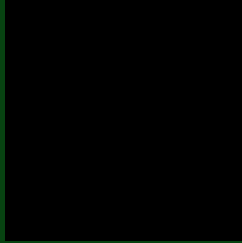
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 074311 Background



This preview shows how black text looks on a background with the Hex color 074311.



This preview shows how white text looks on a background with the Hex color 074311.

# 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**  
074311

**Protanopia**  
403A0F

**Deuteranopia**  
473716



**Tritanopia**  
1C3E44

# Trichromacy



**Original Color**  
074311

**Protanomaly**  
2B3D10

**Deuteranomaly**  
303B14

**Tritanomaly**  
144031

# Monochromacy



**Original Color**  
074311

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1E3422

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074311 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 #074311 looks like.

```
.text, #text, p{  
    color:#074311  
}
```

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 #074311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074311
}
```

## Border

The CSS property to change the border of an element to Hex 074311 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".

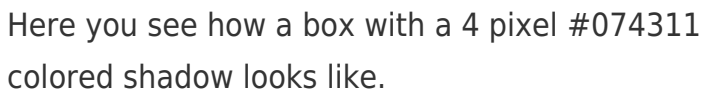
```
.border, #border, table{ border:4px solid
#074311 }
```

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

```
.border{ border-color:#074311 }
```

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

Here you see how a box with a 4 pixel #074311 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074311; -webkit-box-shadow:4px 4px  
4px 4px #074311; box-shadow:4px 4px 4px  
4px #074311 }
```

# Background

The CSS property to change the background color of an element to Hex 074311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074311 }
```

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

```
.background{ background-color:#074311 }
```

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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