

# Converting Colors

Hex(074C2E)

Have a look what the booklet for  
Hex(074C2E) contains.

<b>Hex(074C2E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(074C2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	074C2E
RGB	7, 76, 46
RGB Percent	3%, 30%, 18%
CMY	0.9725, 0.7020, 0.8196
CMYK	0.91, 0.00, 0.39, 0.70
HSL	154°, 83%, 16%
HSV	154°, 91%, 30%
XYZ	3.1652, 5.4113, 3.4624
YIQ	51.9490, -31.4940, -23.9580

# Conversions

## Conversions Part 2

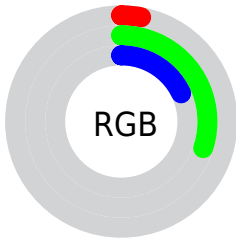
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 51, 76
Decimal	478254
CIELab	27.88, -28.26, 12.28
CIELCh	28, 30.811, 156.502
Yxy	5.4113, 0.2629, 0.4495
Android (android.graphics.Color)	4278668334 (0xFF074C2E)
YUV	51.9490, -2.9329, -39.4203
Hunter-Lab	23.2622, -16.4210, 7.4586

# Details

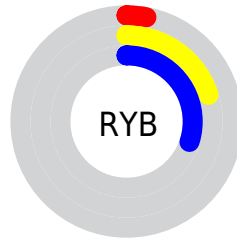
The Hex color **074C2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C0725**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **407E5C**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004C2B**, and if you desaturate by 10%, it is **0F4C31**.

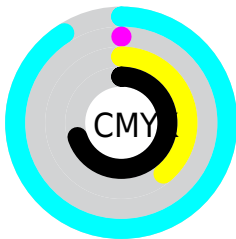
# Distribution



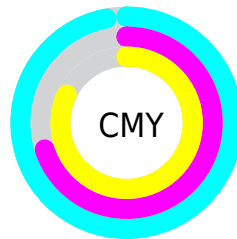
- Red (3%)
- Green (30%)
- Blue (18%)



- Red (3%)
- Yellow (20%)
- Blue (30%)



- Cyan (91%)
- Magenta (0%)
- Yellow (39%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 074C2E 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 074C2E by changing the saturation by 10% instead.



 074C2E

 074C2E

FFFFFF

 003519

 407E5C

 002100

 5A9875

 000000

 74B38E

 8ECEA9

 AAEBC4

 C6FFE0

 E2FFFD

 074C2E

 074C2E

■ 004C2B

■ 0F4C31

■ 164C35

■ 1E4C38

■ 254C3B

■ 2D4C3F

■ 354C42

■ 3C4C45

■ 444C48

■ 4B4C4C

# Harmonies

## Analogous

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



314819



074C2E



004D46

# Triad

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



074C2E



1C4371



6A3127

# Complementary

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



074C2E



4C0725

# 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.



6D2C3E



074C2E



4A3968

# Square

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



074C2E



00496D



633055



5E3A15

# Rectangle

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



074C2E



004D56



633055



6D2F2E



# Sweetspot

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



074C2E



496358



264C07



23332C



B3B3B3



333333



# Same Dimension

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



074C2E



006338



07494C



222625



00663A



00E682



# Inverse Universe

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



4C0725



63002B



4C0A07



262224



66002C

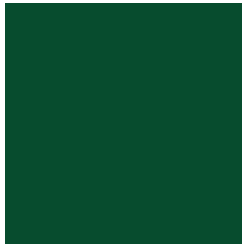


E60064



# Previews

## White Background



This preview shows how the Hex color 074C2E looks on a white background.

## Color Contrast Check

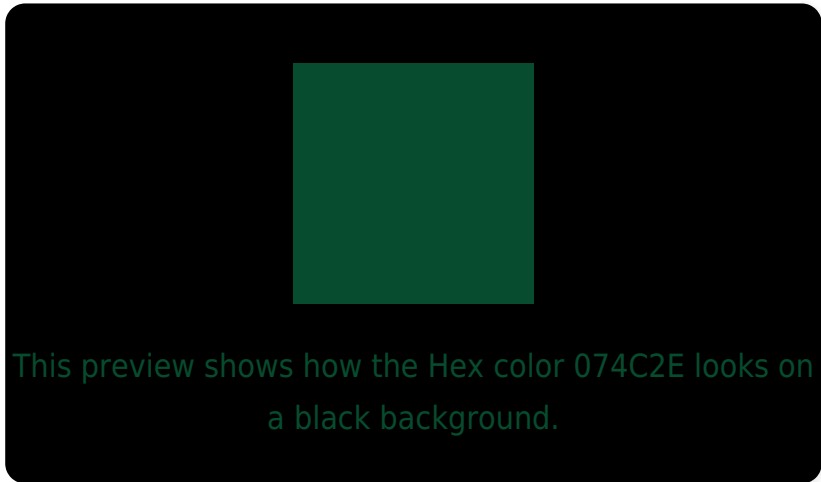
Large Text (above 18pt) WCAG AA ✓ Pass

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

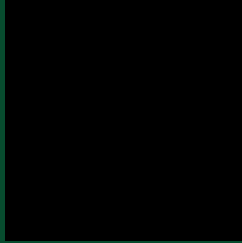
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 074C2E Background



This preview shows how black text looks on a background with the Hex color 074C2E.



This preview shows how white text looks on a background with the Hex color 074C2E.

# 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**  
074C2E

**Protanopia**  
48422A

**Deuteranopia**  
4E3F31



**Tritanopia**  
1C484E

# Trichromacy



**Original Color**  
074C2E

**Protanomaly**  
30462B

**Deuteranomaly**  
344430

**Tritanomaly**  
144942

# Monochromacy



**Original Color**  
074C2E

**Achromatopsia**  
343434

**Achromatomaly**  
243D32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074C2E 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 #074C2E looks like.

```
.text, #text, p{  
    color:#074C2E  
}
```

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 #074C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074C2E
}
```

## Border

The CSS property to change the border of an element to Hex 074C2E 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
#074C2E }
```

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

```
.border{ border-color:#074C2E }
```

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

Here you see how a box with a 4 pixel #074C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074C2E; -webkit-box-shadow:4px 4px  
4px 4px #074C2E; box-shadow:4px 4px 4px  
4px #074C2E }
```

# Background

The CSS property to change the background color of an element to Hex 074C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074C2E }
```

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

```
.background{ background-color:#074C2E }
```

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