

# Converting Colors

Hex(074B15)

Have a look what the booklet for  
Hex(074B15) contains.

<b>Hex(074B15)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(074B15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	074B15
RGB	7, 75, 21
RGB Percent	3%, 29%, 8%
CMY	0.9725, 0.7059, 0.9176
CMYK	0.91, 0.00, 0.72, 0.71
HSL	132°, 83%, 16%
HSV	132°, 91%, 29%
XYZ	2.7391, 5.1315, 1.5556
YIQ	48.5120, -23.1940, -31.2100

# Conversions

## Conversions Part 2

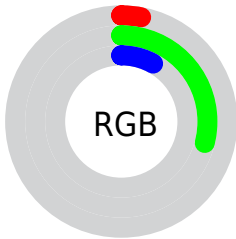
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 63, 75
Decimal	477973
CIELab	27.11, -32.51, 25.79
CIELCh	27, 41.497, 141.573
Yxy	5.1315, 0.2906, 0.5444
Android (android.graphics.Color)	4278668053 (0xFF074B15)
YUV	48.5120, -13.5634, -36.4060
Hunter-Lab	22.6527, -18.0590, 11.7854

# Details

The Hex color **074B15** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B073D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **417D42**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B0F**, and if you desaturate by 10%, it is **0F4B1B**.

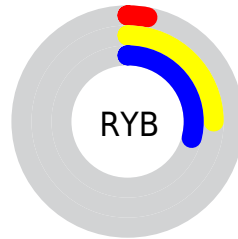
# Distribution



 Red (3%)

 Green (29%)

 Blue (8%)




 Red (3%)

 Yellow (25%)

 Blue (29%)

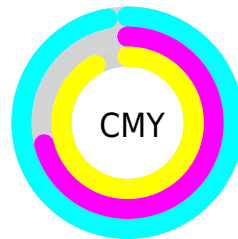


 Cyan (91%)

 Magenta (0%)

 Yellow (72%)

 Black (71%)



 Cyan (97%)

 Magenta (71%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 074B15 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 074B15 by changing the saturation by 10% instead.





074B15



074B15

FFFFFFC



003400



417D42



002000



5A975B



000000



74B273



8FCE8D



AAEAA8



C6FFC3



E3FFDF



074B15



074B15

■ 004B0F

■ 0F4B1B

■ 164B21

■ 1E4B27

■ 254B2D

■ 2D4B33

■ 344B39

■ 3C4B3F

■ 434B45

■ 4B4B4B

# Harmonies

## Analogous

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



394500



074B15



004E36

# Triad

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



074B15



00477F



77202B

# Complementary

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



074B15



4B073D

# 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.



741E4A



074B15



2B3C7C

# Square

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



074B15



004C71



5D2C68



6C2E0D

# Rectangle

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



074B15



004E4C



5D2C68



781D35



# Sweetspot

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



074B15



47614C



3D4B07



213024



B0B0B0



303030



# Same Dimension

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



074B15



006114



074B37



222623



006615



00E62F



# Inverse Universe

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



4B073D



61004D



4B071B



262225



660051

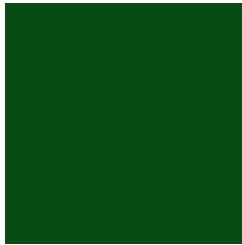


E600B6



# Previews

## White Background



This preview shows how the Hex color 074B15 looks on a white background.

## Color Contrast Check

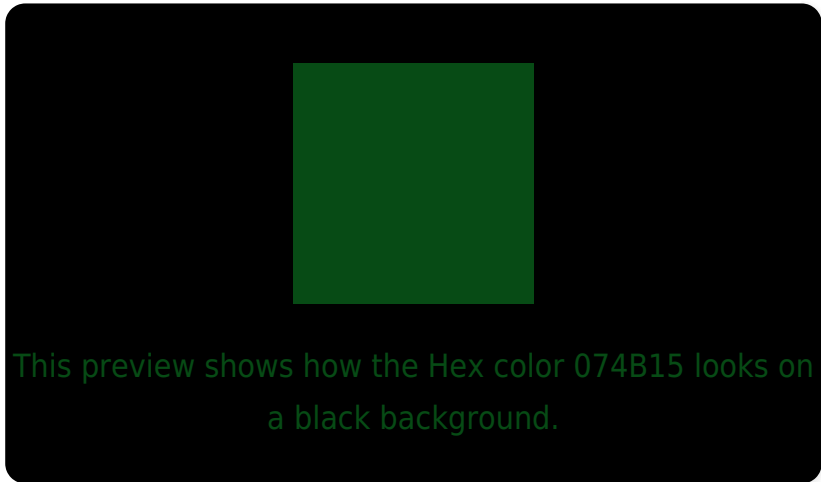
Large Text (above 18pt) WCAG AA ✓ Pass

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

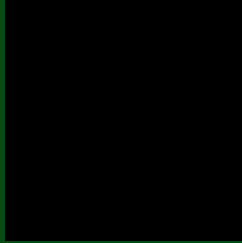
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 074B15 Background



This preview shows how black text looks on a background with the Hex color 074B15.



This preview shows how white text looks on a background with the Hex color 074B15.

# 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](#).

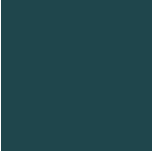
## Dichromacy



**Original Color**  
074B15

**Protanopia**  
484012

**Deuteranopia**  
503D1A



**Tritanopia**  
1F464C

# Trichromacy



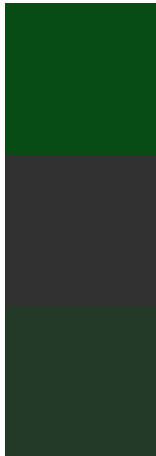
**Original Color**  
074B15

**Protanomaly**  
304413

**Deuteranomaly**  
354218

**Tritanomaly**  
164838

# Monochromacy



**Original Color**  
074B15

**Achromatopsia**  
313131

**Achromatomaly**  
223A27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074B15 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 #074B15 looks like.

```
.text, #text, p{  
    color:#074B15  
}
```

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 #074B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074B15  
}
```

## Border

The CSS property to change the border of an element to Hex 074B15 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  
#074B15 }
```

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

```
.border{ border-color:#074B15 }
```

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

Here you see how a box with a 4 pixel #074B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074B15; -webkit-box-shadow:4px 4px  
4px 4px #074B15; box-shadow:4px 4px 4px  
4px #074B15 }
```

# Background

The CSS property to change the background color of an element to Hex 074B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074B15 }
```

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

```
.background{ background-color:#074B15 }
```

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