

# Converting Colors

Hex(074130)

Have a look what the booklet for  
Hex(074130) contains.

<b>Hex(074130)</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(074130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	074130
RGB	7, 65, 48
RGB Percent	3%, 25%, 19%
CMY	0.9725, 0.7451, 0.8118
CMYK	0.89, 0.00, 0.26, 0.75
HSL	162°, 81%, 14%
HSV	162°, 89%, 25%
XYZ	2.5114, 4.0392, 3.4436
YIQ	45.7200, -29.1110, -17.5830

# Conversions

## Conversions Part 2

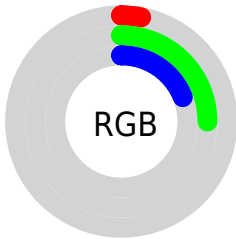
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 41, 65
Decimal	475440
CIE <sub>Lab</sub>	23.80, -22.63, 5.37
CIE <sub>LCh</sub>	24, 23.259, 166.642
Y <sub>xy</sub>	4.0392, 0.2513, 0.4042
Android (android.graphics.Color)	4278665520 (0xFF074130)
YUV	45.7200, 1.1240, -33.9574
Hunter-Lab	20.0977, -12.8654, 3.9095

# Details

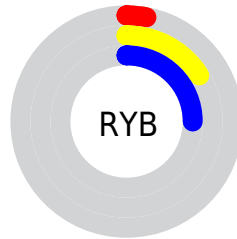
The Hex color **074130** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **410718**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3D715E**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **01412E**, and if you desaturate by 10%, it is **0E4132**.

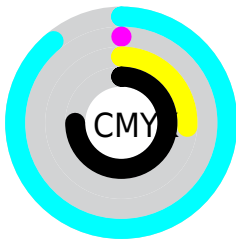
# Distribution



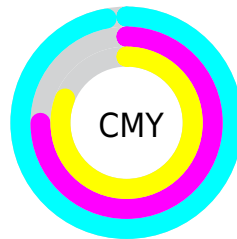
- Red (3%)
- Green (25%)
- Blue (19%)



- Red (3%)
- Yellow (16%)
- Blue (25%)



- Cyan (89%)
- Magenta (0%)
- Yellow (26%)
- Black (75%)



- Cyan (97%)
- Magenta (75%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 074130 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 074130 by changing the saturation by 10% instead.



 074130

 074130

 FAFFFF

 002A1B

 3D715E

 001600

 568B77

 000000

 6FA690

 8AC1AB

 A5DDC6

 C0FAE2

 DDFFFF

 074130

 074130

■ 01412E

■ 0E4132

■ 00412E

■ 144134

■ 1A4136

■ 214138

■ 28413A

■ 2E413B

■ 35413D

■ 3B413F

■ 424141

# Harmonies

## Analogous

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



263F20



074130



004242

# Triad

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



074130



2D375A



552F20

# Complementary

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



074130



410718

# 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.



5A2A30



074130



463051

# Square

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



074130



003D5A



552B41



4A3516

# Rectangle

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



074130



00414D



552B41



572D25



# Sweetspot

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



074130



3D544D



184107



1D2B27



ABABAB



2B2B2B



# Same Dimension

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



074130



00543B



073541



1E2120



006144



00E09F



# Inverse Universe

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



410718



540019



411307



211E1F



61001C

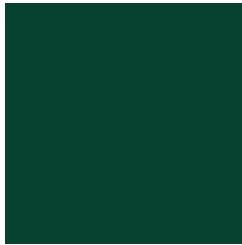


E00042



# Previews

## White Background



This preview shows how the Hex color 074130 looks on a white background.

## Color Contrast Check

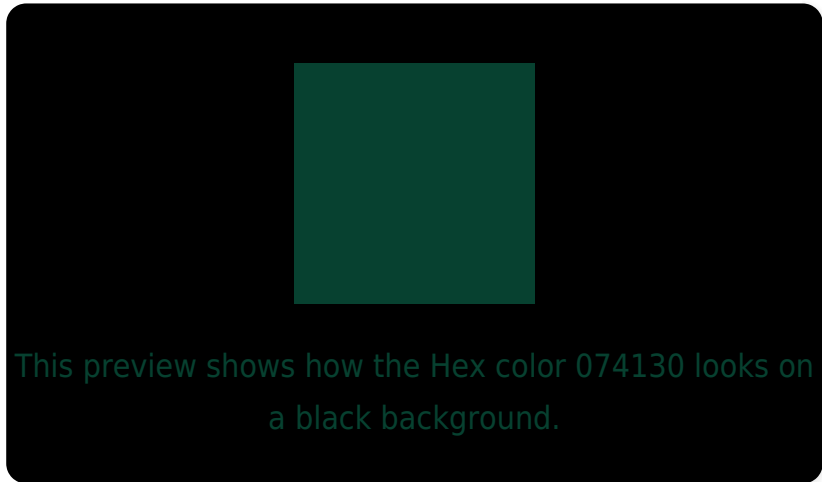
Large Text (above 18pt) WCAG AA ✓ Pass

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

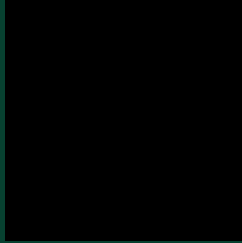
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 074130 Background



This preview shows how black text looks on a background with the Hex color 074130.



This preview shows how white text looks on a background with the Hex color 074130.

# 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](#).

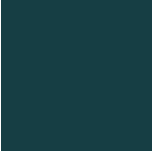
## Dichromacy



**Original Color**  
074130

**Protanopia**  
3D392C

**Deuteranopia**  
413732



**Tritanopia**  
163E44

# Trichromacy



**Original Color**  
074130

**Protanomaly**  
293C2D

**Deuteranomaly**  
2C3B31

**Tritanomaly**  
113F3D

# Monochromacy



**Original Color**  
074130

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
20352F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074130 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 #074130 looks like.

```
.text, #text, p{  
    color:#074130  
}
```

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 #074130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074130
}
```

## Border

The CSS property to change the border of an element to Hex 074130 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".

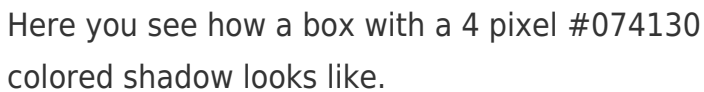
```
.border, #border, table{ border:4px solid
#074130 }
```

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

```
.border{ border-color:#074130 }
```

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

Here you see how a box with a 4 pixel #074130 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074130; -webkit-box-shadow:4px 4px  
4px 4px #074130; box-shadow:4px 4px 4px  
4px #074130 }
```

# Background

The CSS property to change the background color of an element to Hex 074130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074130 }
```

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

```
.background{ background-color:#074130 }
```

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