

Converting Colors

Hex(074740)

Have a look what the booklet for
Hex(074740) contains.

Hex(074740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(074740)

Conversions

Conversions Part 1

Format	Color
Hex	074740
RGB	7, 71, 64
RGB Percent	3%, 28%, 25%
CMY	0.9725, 0.7216, 0.7490
CMYK	0.90, 0.00, 0.10, 0.72
HSL	173°, 82%, 15%
HSV	173°, 90%, 28%
XYZ	3.2663, 4.9218, 5.6283
YIQ	51.0660, -35.8970, -15.7450

Conversions

Conversions Part 2

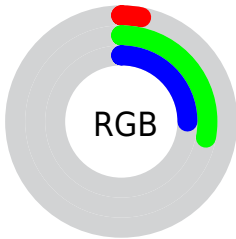
Format	Color
RYB	7, 41, 71
Decimal	476992
CIELab	26.51, -20.68, -1.21
CIELCh	27, 20.714, 183.343
Yxy	4.9218, 0.2364, 0.3562
Android (android.graphics.Color)	4278667072 (0xFF074740)
YUV	51.0660, 6.3765, -38.6459
Hunter-Lab	22.1852, -12.5439, 0.4878

Details

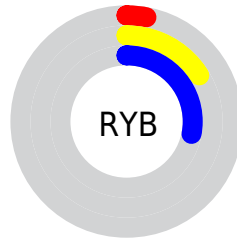
The Hex color **074740** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47070E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **407870**, and **001D16** is the 20% darker color. If you saturate the color by 10%, you get **00473F**, and if you desaturate by 10%, it is **0E4741**.

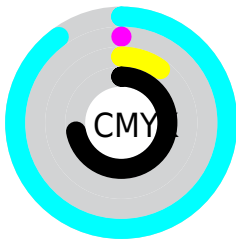
Distribution



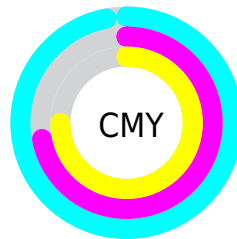
- Red (3%)
- Green (28%)
- Blue (25%)



- Red (3%)
- Yellow (16%)
- Blue (28%)



- Cyan (90%)
- Magenta (0%)
- Yellow (10%)
- Black (72%)



- Cyan (97%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 074740 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 074740 by changing the saturation by 10% instead.

074740

074740

FFFFFF

00302A

407870

001D16

599289

000000

73ACA3

8EC8BE

A9E4DA

C5FFF7

E2FFFF

074740

074740

■ 00473F

■ 0E4741

■ 154742

■ 1C4742

■ 234743

■ 2B4744

■ 324745

■ 394745

■ 404746

■ 474747

Harmonies

Analogous

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



234630



074740



004650

Triad

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



074740



433A59



543923

Complementary

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



074740



47070E

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.



5C342E



074740



54354D

Square

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



074740



29405E



5C323E



473E1F

Rectangle

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



074740



004558



5C323E



573726

Sweetspot

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



074740



435C59



0E4707



1F2E2C



ADADAD



2E2E2E

Same Dimension

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



074740



005C52



072E47



202423



006359



00E3CA

Inverse Universe

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



47070E



5C000A



472007



242021



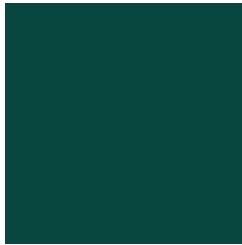
63000B



E30019

Previews

White Background



This preview shows how the Hex color 074740 looks on a white background.

Color Contrast Check

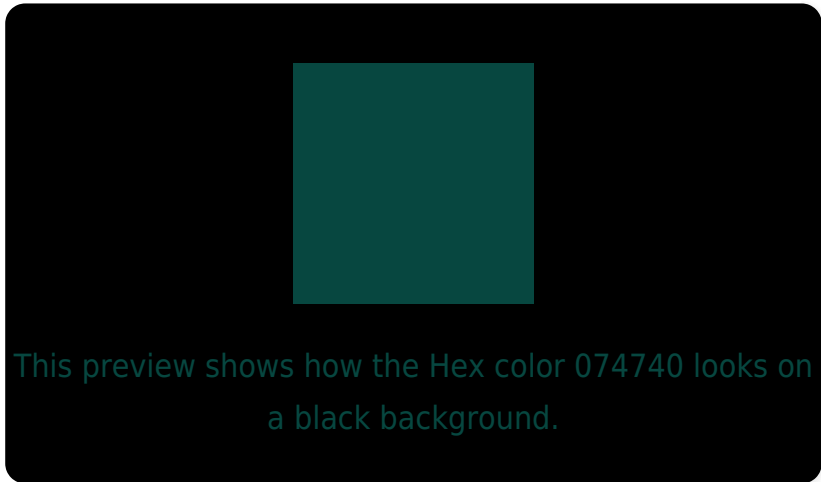
Large Text (above 18pt) WCAG AA ✓ Pass

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

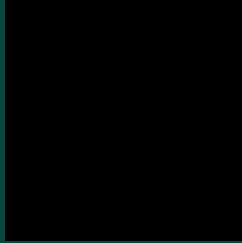
Any Text WCAG AA × Fail

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 074740 Background



This preview shows how black text looks on a background with the Hex color 074740.



This preview shows how white text looks on a background with the Hex color 074740.

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
074740

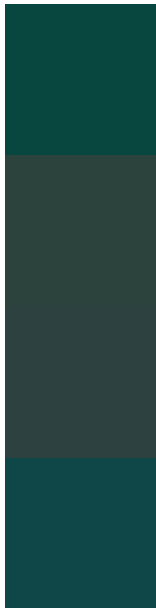
Protanopia
413F3B

Deuteranopia
433D42



Tritanopia
13454B

Trichromacy



Original Color
074740

Protanomaly
2C423D

Deuteranomaly
2D4141

Tritanomaly
0F4647

Monochromacy



Original Color
074740

Achromatopsia
333333

Achromatomaly
233A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 074740 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 #074740 looks like.

```
.text, #text, p{  
    color:#074740  
}
```

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 #074740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074740
}
```

Border

The CSS property to change the border of an element to Hex 074740 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
#074740 }
```

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

```
.border{ border-color:#074740 }
```

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

Here you see how a box with a 4 pixel #074740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074740; -webkit-box-shadow:4px 4px  
4px 4px #074740; box-shadow:4px 4px 4px  
4px #074740 }
```

Background

The CSS property to change the background color of an element to Hex 074740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074740 }
```

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

```
.background{ background-color:#074740 }
```

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