

# Converting Colors

Hex(074F54)

Have a look what the booklet for  
Hex(074F54) contains.

<b>Hex(074F54)</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(074F54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	074F54
RGB	7, 79, 84
RGB Percent	3%, 31%, 33%
CMY	0.9725, 0.6902, 0.6706
CMYK	0.92, 0.06, 0.00, 0.67
HSL	184°, 85%, 18%
HSV	184°, 92%, 33%
XYZ	4.4838, 6.2772, 9.3628
YIQ	58.0420, -44.5170, -13.7090

# Conversions

## Conversions Part 2

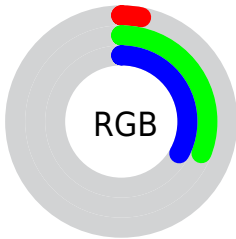
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 44, 84
Decimal	479060
CIE <sub>Lab</sub>	30.10, -18.05, -8.79
CIE <sub>LCh</sub>	30, 20.075, 205.971
Yxy	6.2772, 0.2228, 0.3119
Android (android.graphics.Color)	4278669140 (0xFF074F54)
YUV	58.0420, 12.7973, -44.7638
Hunter-Lab	25.0544, -11.9001, -4.6185

# Details

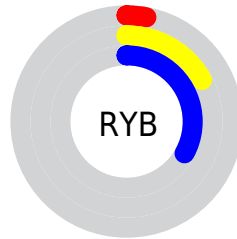
The Hex color **074F54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **540C07**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **448085**, and **002227** is the 20% darker color. If you saturate the color by 10%, you get **004F54**, and if you desaturate by 10%, it is **0F5054**.

# Distribution



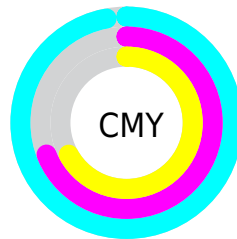
- Red (3%)
- Green (31%)
- Blue (33%)



- Red (3%)
- Yellow (17%)
- Blue (33%)



- Cyan (92%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (69%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 074F54 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 074F54 by changing the saturation by 10% instead.



 074F54

 074F54

FFFFFF

 00383D

 448085

 002227

 5F9BA0

 000213

 79B5BB

 000000

 94D1D6

 B0EDF3

 CCFFFF

 E9FFFF

 074F54

 074F54

■ 004F54

■ 0F5054

■ 185054

■ 205154

■ 295154

■ 315254

■ 395254

■ 425354

■ 4A5354

■ 535454

# Harmonies

## Analogous

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



1C4F44



074F54



114D60

# Triad

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



074F54



593E59



534528

# Complementary

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



074F54



540C07

# 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.



5F402E



074F54



633B4A

# Square

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



074F54



464463



653C3A



434A2A

# Rectangle

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



074F54



244B65



653C3A



584329



# Sweetspot

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



074F54



4F6C6E



07540B



253738



B8B8B8



383838



# Same Dimension

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



074F54



00676E



072A54



252929



006269



00D9E8



# Inverse Universe

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



54074F



6E0067



543107



292529



690062



E800D9



# Previews

## White Background



This preview shows how the Hex color 074F54 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

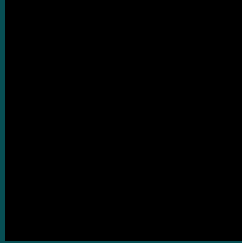
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

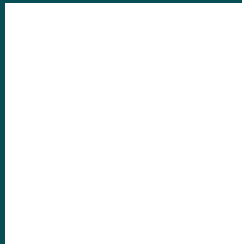
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 074F54 Background



This preview shows how black text looks on a background with the Hex color 074F54.

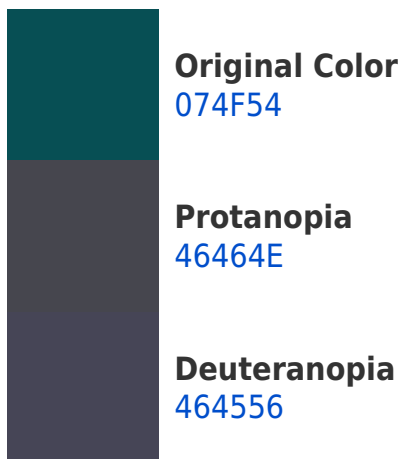


This preview shows how white text looks on a background with the Hex color 074F54.

# Color Blindness Simulation

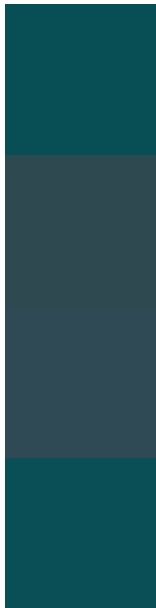
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
074F54

**Protanomaly**  
2F4950

**Deuteranomaly**  
2F4955

**Tritanomaly**  
094F55

# Monochromacy



**Original Color**  
074F54

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
274243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074F54 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 #074F54 looks like.

```
.text, #text, p{  
    color:#074F54  
}
```

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 #074F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074F54
}
```

## Border

The CSS property to change the border of an element to Hex 074F54 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
#074F54 }
```

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

```
.border{ border-color:#074F54 }
```

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

Here you see how a box with a 4 pixel #074F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074F54; -webkit-box-shadow:4px 4px  
4px 4px #074F54; box-shadow:4px 4px 4px  
4px #074F54 }
```

# Background

The CSS property to change the background color of an element to Hex 074F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074F54 }
```

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

```
.background{ background-color:#074F54 }
```

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