

# Converting Colors

Hex(074D4C)

Have a look what the booklet for  
Hex(074D4C) contains.

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# Color

Hex(074D4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	074D4C
RGB	7, 77, 76
RGB Percent	3%, 30%, 30%
CMY	0.9725, 0.6980, 0.7020
CMYK	0.91, 0.00, 0.01, 0.70
HSL	179°, 83%, 16%
HSV	179°, 91%, 30%
XYZ	4.0460, 5.8747, 7.7582
YIQ	55.9560, -41.3990, -15.1510

# Conversions

## Conversions Part 2

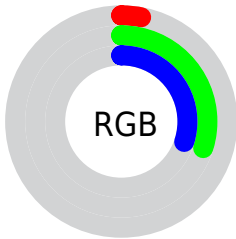
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 42, 77
Decimal	478540
CIELab	29.09, -19.79, -5.17
CIElCh	29, 20.453, 194.630
Yxy	5.8747, 0.2289, 0.3323
Android (android.graphics.Color)	4278668620 (0xFF074D4C)
YUV	55.9560, 9.8817, -42.9344
Hunter-Lab	24.2378, -12.6193, -2.0113

# Details

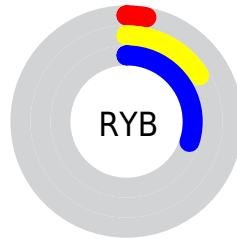
The Hex color **074D4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4D0708**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **437E7D**, and **002120** is the 20% darker color. If you saturate the color by 10%, you get **004D4C**, and if you desaturate by 10%, it is **0F4D4C**.

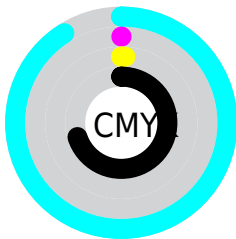
# Distribution



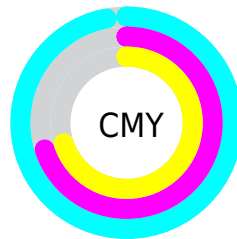
- Red (3%)
- Green (30%)
- Blue (30%)



- Red (3%)
- Yellow (16%)
- Blue (30%)



- Cyan (91%)
- Magenta (0%)
- Yellow (1%)
- Black (70%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 074D4C 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 074D4C by changing the saturation by 10% instead.



 074D4C

 074D4C

FFFFFF

 003635

 437E7D

 002120

 5D9897

 000009

 77B3B1

 000000

 92CFCD

 AEEBE9

 CAFFFF

 E6FFFF

 074D4C

 074D4C

■ 004D4C

■ 0F4D4C

■ 164D4C

■ 1E4D4C

■ 264D4C

■ 2E4D4D

■ 354D4D

■ 3D4D4D

■ 454D4D

■ 4C4D4D

# Harmonies

## Analogous

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



214C3C



074D4C



004C5A

# Triad

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



074D4C



503E5B



564126

# Complementary

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



074D4C



4D0708

# 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.



603B2F



074D4C



5E394D

# Square

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



074D4C



3A4363



63383D



474625

# Rectangle

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



074D4C



144A61



63383D



5A3F28



# Sweetspot

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



074D4C



496363



084D07



233333



B3B3B3



333333



# Same Dimension

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



074D4C



006362



072B4D



222626



006665



00E6E2



# Inverse Universe

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



4D0708



630001



4D2907



262222



660001



E60003



# Previews

## White Background



This preview shows how the Hex color 074D4C 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

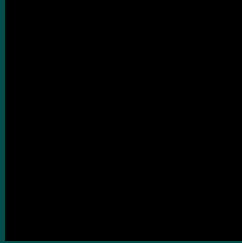
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 074D4C Background



This preview shows how black text looks on a background with the Hex color 074D4C.



This preview shows how white text looks on a background with the Hex color 074D4C.

# 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**  
074D4C

**Protanopia**  
454447

**Deuteranopia**  
47434E



# Trichromacy



**Original Color**  
074D4C

**Protanomaly**  
2E4749

**Deuteranomaly**  
30474D

**Tritanomaly**  
0D4C50

# Monochromacy



**Original Color**  
074D4C

**Achromatopsia**  
383838

**Achromatomaly**  
26403F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 074D4C 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 #074D4C looks like.

```
.text, #text, p{  
    color:#074D4C  
}
```

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 #074D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074D4C
}
```

## Border

The CSS property to change the border of an element to Hex 074D4C 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
#074D4C }
```

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

```
.border{ border-color:#074D4C }
```

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

Here you see how a box with a 4 pixel #074D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074D4C; -webkit-box-shadow:4px 4px  
4px 4px #074D4C; box-shadow:4px 4px 4px  
4px #074D4C }
```

# Background

The CSS property to change the background color of an element to Hex 074D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074D4C }
```

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

```
.background{ background-color:#074D4C }
```

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](#).



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