

Converting Colors

Hex(074950)

Have a look what the booklet for
Hex(074950) contains.

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Color

Hex(074950)

Conversions

Conversions Part 1

Format	Color
Hex	074950
RGB	7, 73, 80
RGB Percent	3%, 29%, 31%
CMY	0.9725, 0.7137, 0.6863
CMYK	0.91, 0.09, 0.00, 0.69
HSL	186°, 84%, 17%
HSV	186°, 91%, 31%
XYZ	3.9181, 5.3894, 8.4232
YIQ	54.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

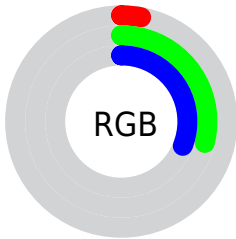
Format	Color
R_YB	7, 42, 80
Decimal	477520
CIE Lab	27.82, -16.14, -9.67
CIE LCh	28, 18.818, 210.932
Yxy	5.3894, 0.2210, 0.3040
Android (android.graphics.Color)	4278667600 (0xFF074950)
YUV	54.0640, 12.7864, -41.2751
Hunter-Lab	23.2152, -10.5003, -5.2616

Details

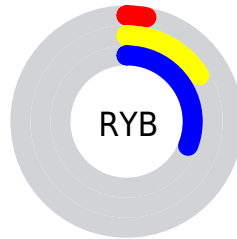
The Hex color **074950** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **500E07**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437A81**, and **001E24** is the 20% darker color. If you saturate the color by 10%, you get **004850**, and if you desaturate by 10%, it is **0F4A50**.

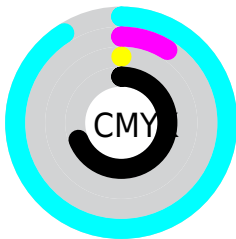
Distribution



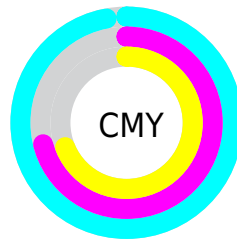
- Red (3%)
- Green (29%)
- Blue (31%)



- Red (3%)
- Yellow (16%)
- Blue (31%)



- Cyan (91%)
- Magenta (9%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 074950 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 074950 by changing the saturation by 10% instead.

074950

074950

FFFFFF

003239

437A81

001E24

5D949B

00010E

77AEB6

000000

92CAD2

ADE6EE

C9FFFF

E6FFFF

074950

074950

■ 004850

■ 0F4A50

■ 174B50

■ 1F4B50

■ 274C50

■ 2F4D50

■ 374E50

■ 3F4E50

■ 474F50

■ 4F5050

Harmonies

Analogous

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



174942



074950



15475B

Triad

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



074950



543950



4B4125

Complementary

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



074950



500E07

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.



573C29



074950



5D3642

Square

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



074950



443E5A



5D3834



3C4528

Rectangle

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



074950



25445E



5D3834



4F3F25

Sweetspot

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



074950



4C6669



07500D



243436



B5B5B5



363636

Same Dimension

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



074950



005F69



072550



252829



00D2E8

Inverse Universe

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



500749



69005F



503207



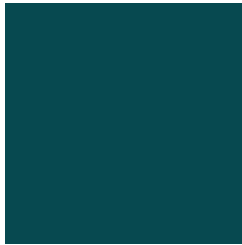
292528



E800D2

Previews

White Background



This preview shows how the Hex color 074950 looks on a white background.

Color Contrast Check

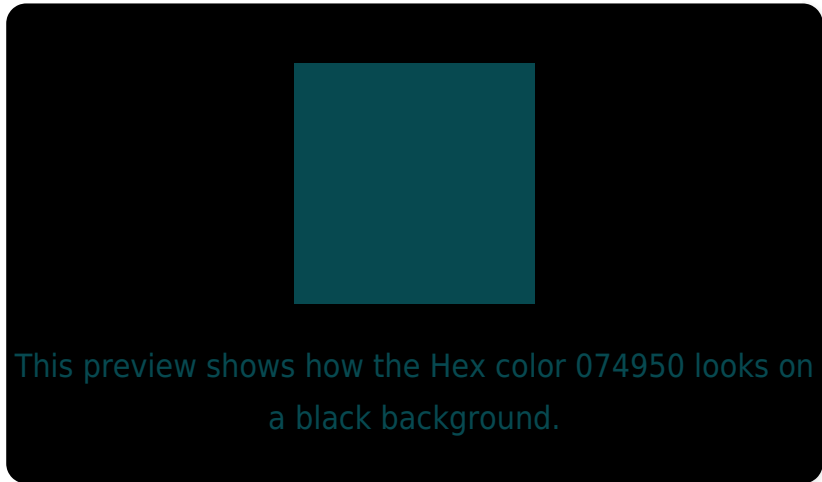
Large Text (above 18pt) WCAG AA ✓ Pass

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

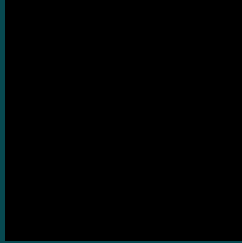
Any Text WCAG AA × Fail

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 074950 Background



This preview shows how black text looks on a background with the Hex color 074950.

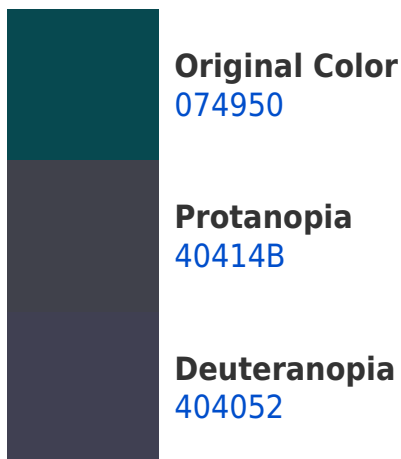



This preview shows how white text looks on a background with the Hex color 074950.

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](#).

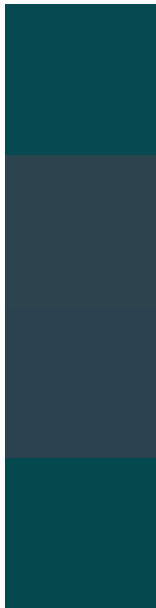
Dichromacy





Tritanopia
04494F

Trichromacy



Original Color
074950

Protanomaly
2B444D

Deuteranomaly
2B4351

Tritanomaly
05494F

Monochromacy



Original Color
074950

Achromatopsia
363636

Achromatomaly
253D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 074950 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 #074950 looks like.

```
.text, #text, p{  
    color:#074950  
}
```

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 #074950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074950
}
```

Border

The CSS property to change the border of an element to Hex 074950 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
#074950 }
```

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

```
.border{ border-color:#074950 }
```

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

Here you see how a box with a 4 pixel #074950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074950; -webkit-box-shadow:4px 4px  
4px 4px #074950; box-shadow:4px 4px 4px  
4px #074950 }
```

Background

The CSS property to change the background color of an element to Hex 074950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074950 }
```

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

```
.background{ background-color:#074950 }
```

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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