

Converting Colors

Hex(075966)

Have a look what the booklet for
Hex(075966) contains.

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Color

Hex(075966)

Conversions

Conversions Part 1

Format	Color
Hex	075966
RGB	7, 89, 102
RGB Percent	3%, 35%, 40%
CMY	0.9725, 0.6510, 0.6000
CMYK	0.93, 0.13, 0.00, 0.60
HSL	188°, 87%, 21%
HSV	188°, 93%, 40%
XYZ	6.0583, 8.1492, 13.8240
YIQ	65.9640, -53.0450, -13.3410

Conversions

Conversions Part 2

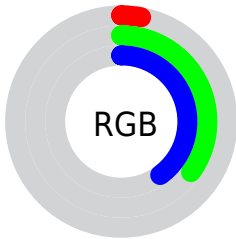
Format	Color
RYB	7, 51, 102
Decimal	481638
CIELab	34.29, -17.05, -13.81
CIELCh	34, 21.939, 219.014
Yxy	8.1492, 0.2161, 0.2907
Android (android.graphics.Color)	4278671718 (0xFF075966)
YUV	65.9640, 17.7657, -51.7114
Hunter-Lab	28.5469, -12.0754, -8.7288

Details

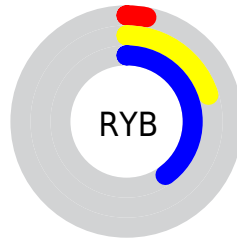
The Hex color **075966** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **661407**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **498B99**, and **002B37** is the 20% darker color. If you saturate the color by 10%, you get **005866**, and if you desaturate by 10%, it is **115A66**.

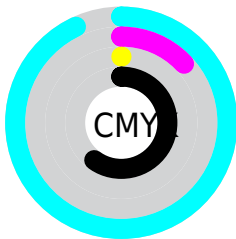
Distribution



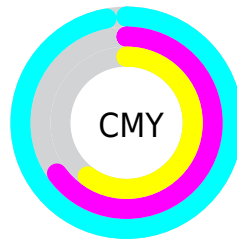
- Red (3%)
- Green (35%)
- Blue (40%)



- Red (3%)
- Yellow (20%)
- Blue (40%)



- Cyan (93%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (97%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 075966 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 075966 by changing the saturation by 10% instead.

 075966

 075966

FFFFFF

 00414E

 498B99

 002B37

 64A6B4

 001822

 80C1CF

 00000A

 9BDDEC

 000000

 B7F9FF

 D4FFFF

 F1FFFF

 075966

 075966

■ 005866

■ 115A66

■ 1B5C66

■ 265D66

■ 305F66

■ 3A6066

■ 446166

■ 4E6366

■ 596466

■ 636666

Harmonies

Analogous

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



165A55



075966



225671

Triad

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



075966



6B455E



57512E

Complementary

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



075966



661407

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.



674B30



075966



72434C

Square

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



075966



594A6C



70463C



445635

Rectangle

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



075966



365373



70463C



5D4F2E

Sweetspot

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



075966



5F8085



076614



2C3F42



C2C2C2



424242

Same Dimension

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



075966



007285



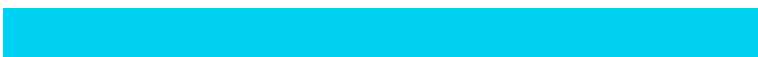
072A66



2E3233



006373



00D1F2

Inverse Universe

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



660759



850072



664307



332E32



730063



F200D1

Previews

White Background



This preview shows how the Hex color 075966 looks on a white background.

Color Contrast Check

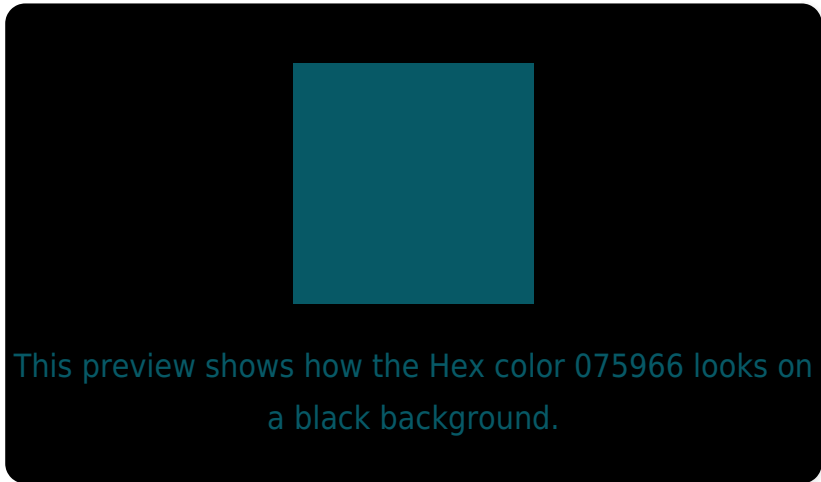
Large Text (above 18pt) WCAG AA ✓ Pass

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

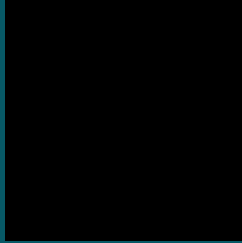
Any Text WCAG AA × Fail

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 075966 Background



This preview shows how black text looks on a background with the Hex color 075966.

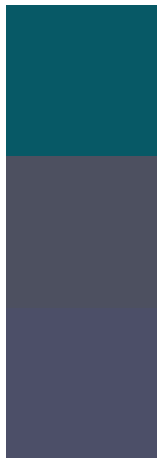


This preview shows how white text looks on a background with the Hex color 075966.

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
075966

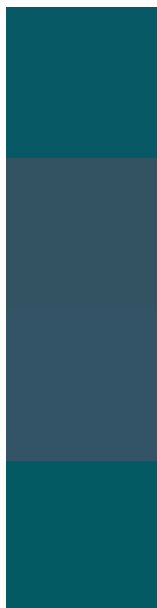
Protanopia
4D5060

Deuteranopia
4C4F68



Tritanopia
005A61

Trichromacy



Original Color

075966

Protanomaly

345362

Deuteranomaly

335367

Tritanomaly

035A63

Monochromacy



Original Color

075966

Achromatopsia

424242

Achromatomaly

2D4A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 075966 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 #075966 looks like.

```
.text, #text, p{  
    color:#075966  
}
```

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 #075966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075966
}
```

Border

The CSS property to change the border of an element to Hex 075966 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
#075966 }
```

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

```
.border{ border-color:#075966 }
```

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

Here you see how a box with a 4 pixel #075966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075966; -webkit-box-shadow:4px 4px  
4px 4px #075966; box-shadow:4px 4px 4px  
4px #075966 }
```

Background

The CSS property to change the background color of an element to Hex 075966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075966 }
```

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

```
.background{ background-color:#075966 }
```

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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