

Converting Colors

Hex(076A63)

Have a look what the booklet for
Hex(076A63) contains.

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Color

Hex(076A63)

Conversions

Conversions Part 1

Format	Color
Hex	076A63
RGB	7, 106, 99
RGB Percent	3%, 42%, 39%
CMY	0.9725, 0.5843, 0.6118
CMYK	0.93, 0.00, 0.07, 0.58
HSL	176°, 88%, 22%
HSV	176°, 93%, 42%
XYZ	7.4938, 11.2541, 13.5817
YIQ	75.6010, -56.7570, -23.1650

Conversions

Conversions Part 2

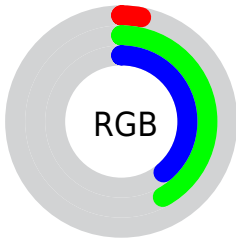
Format	Color
RYB	7, 58, 106
Decimal	485987
CIELab	40.01, -27.00, -3.37
CIELCh	40, 27.211, 187.112
Yxy	11.2541, 0.2318, 0.3481
Android (android.graphics.Color)	4278676067 (0xFF076A63)
YUV	75.6010, 11.5357, -60.1631
Hunter-Lab	33.5471, -18.8340, -0.5208

Details

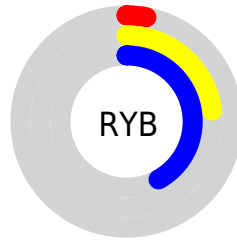
The Hex color **076A63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A070E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4C9E96**, and **003A35** is the 20% darker color. If you saturate the color by 10%, you get **006A63**, and if you desaturate by 10%, it is **126A64**.

Distribution



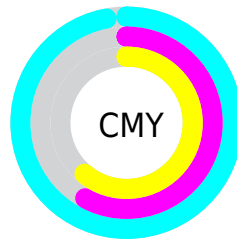
- Red (3%)
- Green (42%)
- Blue (39%)



- Red (3%)
- Yellow (23%)
- Blue (42%)



- Cyan (93%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (97%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076A63 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 076A63 by changing the saturation by 10% instead.



076A63



076A63

FFFFFF



00514B



4C9E96



003A35



68B9B0



00241F



83D5CC



000008



9FF1E8



000000



BBFFFF



D8FFFF



F6FFFF



076A63



076A63

■ 006A63

■ 126A64

■ 1C6A64

■ 276A65

■ 316A66

■ 3C6A67

■ 476A67

■ 516A68

■ 5C6A69

■ 666A6A

Harmonies

Analogous

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



33694C



076A63



006978

Triad

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



076A63



685782



7B5736

Complementary

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



076A63



6A070E

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.



875045



076A63



7E4F70

Square

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



076A63



455F8A



894C5A



675F31

Rectangle

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



076A63



006783



894C5A



80543A

Sweetspot

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



076A63



638A87



0F6A07



2D4543



C4C4C4



454545

Same Dimension

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



076A63



008A80



07416A



303635



00756D



00F5E3

Inverse Universe

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



6A070E



8A000A



6A3007



363031



750008



F50011

Previews

White Background



This preview shows how the Hex color 076A63 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

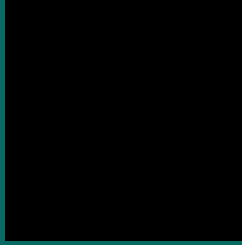
Any Text WCAG AA × Fail

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 076A63 Background



This preview shows how black text looks on a background with the Hex color 076A63.

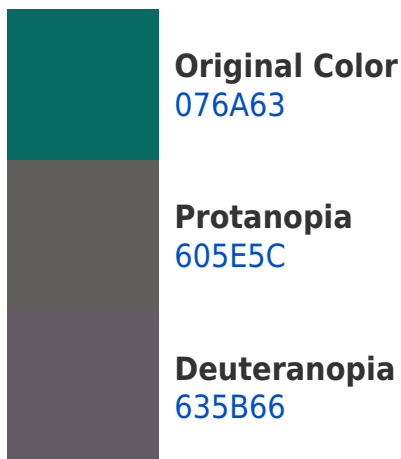


This preview shows how white text looks on a background with the Hex color 076A63.

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
196870

Trichromacy



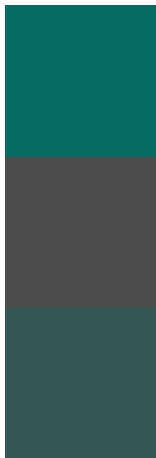
Original Color
076A63

Protanomaly
40625F

Deuteranomaly
426065

Tritanomaly
12696B

Monochromacy



Original Color
076A63

Achromatopsia
4C4C4C

Achromatomaly
335754

CSS Examples

Text

The CSS property to change the color of the text to Hex 076A63 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 #076A63 looks like.

```
.text, #text, p{  
    color:#076A63  
}
```

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 #076A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076A63
}
```

Border

The CSS property to change the border of an element to Hex 076A63 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
#076A63 }
```

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

```
.border{ border-color:#076A63 }
```

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

Here you see how a box with a 4 pixel #076A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076A63; -webkit-box-shadow:4px 4px  
4px 4px #076A63; box-shadow:4px 4px 4px  
4px #076A63 }
```

Background

The CSS property to change the background color of an element to Hex 076A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076A63 }
```

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

```
.background{ background-color:#076A63 }
```

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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