

Converting Colors

Hex(076055)

Have a look what the booklet for
Hex(076055) contains.

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Color

Hex(076055)

Conversions

Conversions Part 1

Format	Color
Hex	076055
RGB	7, 96, 85
RGB Percent	3%, 38%, 33%
CMY	0.9725, 0.6235, 0.6667
CMYK	0.93, 0.00, 0.11, 0.62
HSL	173°, 86%, 20%
HSV	173°, 93%, 38%
XYZ	5.9102, 9.0668, 10.0329
YIQ	68.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

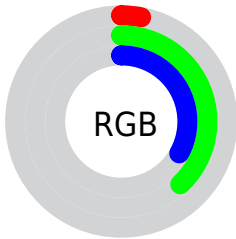
Format	Color
RYB	7, 54, 96
Decimal	483413
CIELab	36.11, -26.54, -0.48
CIELCh	36, 26.540, 181.047
Yxy	9.0668, 0.2363, 0.3625
Android (android.graphics.Color)	4278673493 (0xFF076055)
YUV	68.1350, 8.3144, -53.6154
Hunter-Lab	30.1111, -17.6586, 1.3226

Details

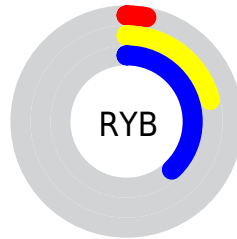
The Hex color **076055** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **600712**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **489387**, and **003128** is the 20% darker color. If you saturate the color by 10%, you get **006054**, and if you desaturate by 10%, it is **116056**.

Distribution



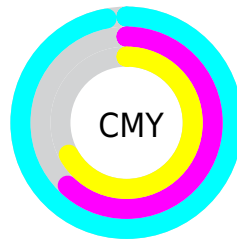
- Red (3%)
- Green (38%)
- Blue (33%)



- Red (3%)
- Yellow (21%)
- Blue (38%)



- Cyan (93%)
- Magenta (0%)
- Yellow (11%)
- Black (62%)



- Cyan (97%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076055 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 076055 by changing the saturation by 10% instead.

076055

076055

FFFFFF

00483E

489387

003128

63AEA1

001E14

7ECABC

000000

9AE6D7

B6FFF4

D2FFFF

FFFFFF

076055

076055

■ 006054

■ 116056

■ 1A6057

■ 246059

■ 2D605A

■ 37605B

■ 41605C

■ 4A605D

■ 54605E

■ 5D6060

Harmonies

Analogous

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



315E40



076055



00606A

Triad

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



076055



584F79



734C30

Complementary

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



076055



600712

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.



7D4640



076055



70486A

Square

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



076055



34577F



7C4455



62542A

Rectangle

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



076055



005E75



7C4455



774A35

Sweetspot

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



076055



5A7D79



136007



2A403D



BFBFBF



404040

Same Dimension

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



076055



007D6E



073F60



2C3030



007062



00F0D2

Inverse Universe

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



600712



7D000F



602807



302C2C



70000E



F0001E

Previews

White Background



This preview shows how the Hex color 076055 looks on a white background.

Color Contrast Check

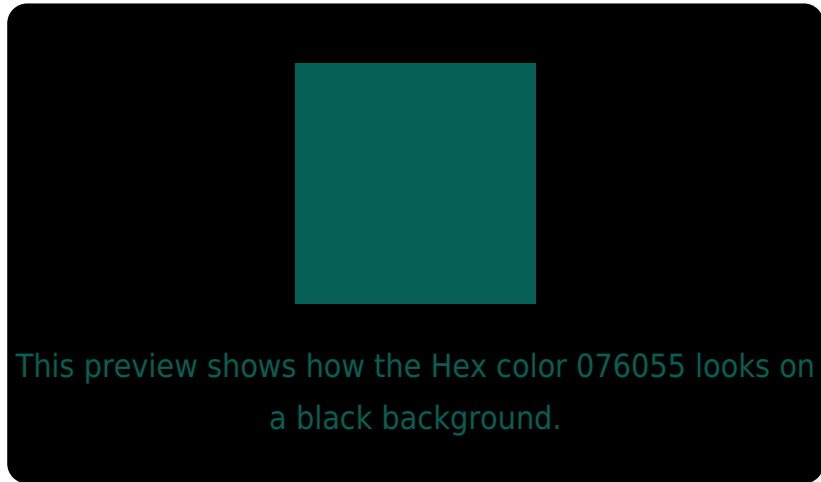
Large Text (above 18pt) WCAG AA ✓ Pass

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

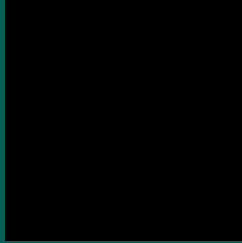
Any Text WCAG AA × Fail

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 076055 Background



This preview shows how black text looks on a background with the Hex color 076055.

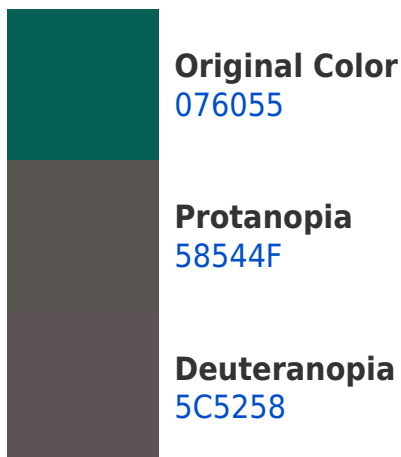



This preview shows how white text looks on a background with the Hex color 076055.

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](#).

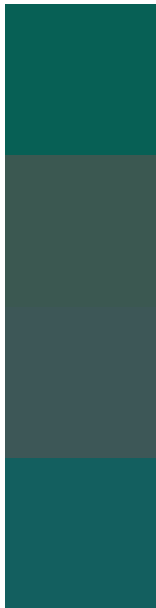
Dichromacy





Tritanopia
1A5E65

Trichromacy



Original Color
076055

Protanomaly
3B5851

Deuteranomaly
3D5757

Tritanomaly
135F5F

Monochromacy



Original Color
076055

Achromatopsia
444444

Achromatomaly
2E4E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 076055 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 #076055 looks like.

```
.text, #text, p{  
    color:#076055  
}
```

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 #076055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076055
}
```

Border

The CSS property to change the border of an element to Hex 076055 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
#076055 }
```

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

```
.border{ border-color:#076055 }
```

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

Here you see how a box with a 4 pixel #076055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076055; -webkit-box-shadow:4px 4px  
4px 4px #076055; box-shadow:4px 4px 4px  
4px #076055 }
```

Background

The CSS property to change the background color of an element to Hex 076055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076055 }
```

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

```
.background{ background-color:#076055 }
```

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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