

Converting Colors

Hex(076639)

Have a look what the booklet for
Hex(076639) contains.

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Color

Hex(076639)

Conversions

Conversions Part 1

Format	Color
Hex	076639
RGB	7, 102, 57
RGB Percent	3%, 40%, 22%
CMY	0.9725, 0.6000, 0.7765
CMYK	0.93, 0.00, 0.44, 0.60
HSL	152°, 87%, 21%
HSV	152°, 93%, 40%
XYZ	5.5775, 9.8433, 5.4769
YIQ	68.4650, -42.1750, -34.1350

Conversions

Conversions Part 2

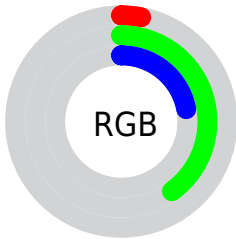
Format	Color
RYB	7, 69, 102
Decimal	484921
CIELab	37.56, -36.56, 18.52
CIELCh	38, 40.983, 153.141
Yxy	9.8433, 0.2669, 0.4710
Android (android.graphics.Color)	4278675001 (0xFF076639)
YUV	68.4650, -5.6522, -53.9048
Hunter-Lab	31.3741, -23.1718, 11.6118

Details

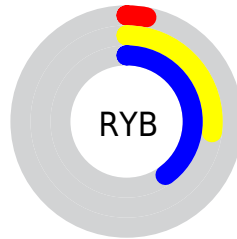
The Hex color **076639** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660734**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **489A69**, and **00360E** is the 20% darker color. If you saturate the color by 10%, you get **006636**, and if you desaturate by 10%, it is **11663E**.

Distribution



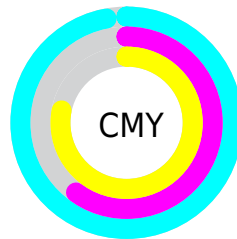
- Red (3%)
- Green (40%)
- Blue (22%)



- Red (3%)
- Yellow (27%)
- Blue (40%)



- Cyan (93%)
- Magenta (0%)
- Yellow (44%)
- Black (60%)




- Cyan (97%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076639 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 076639 by changing the saturation by 10% instead.

 076639

 076639

FFFFFF

 004D23

 489A69

 00360E

 64B582

 002200

 7FD19C

 000000

 9AEDB7

 B6FFD3

 D3FFEF

 F0FFFF

 076639

 076639

■ 006636

■ 11663E

■ 1B6643

■ 266647

■ 30664C

■ 3A6651

■ 446656

■ 4E665B

■ 596660

■ 636664

Harmonies

Analogous

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



44611C



076639



00685B

Triad

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



076639



015B9B



913F36

Complementary

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



076639



660734

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.



933956



076639



5E4E90

Square

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



076639



006493



834077



814C1C

Rectangle

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



076639



006871



834077



943C40

Sweetspot

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



076639



5F8573



356607



2C4238



C2C2C2



424242

Same Dimension

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



076639



008546



076466



2E3331



00733C



00F27F

Inverse Universe

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



660734



85003F



660907



332E30



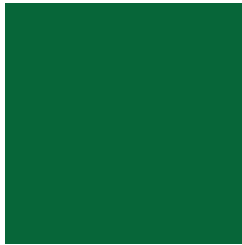
730036



F20073

Previews

White Background



This preview shows how the Hex color 076639 looks on a white background.

Color Contrast Check

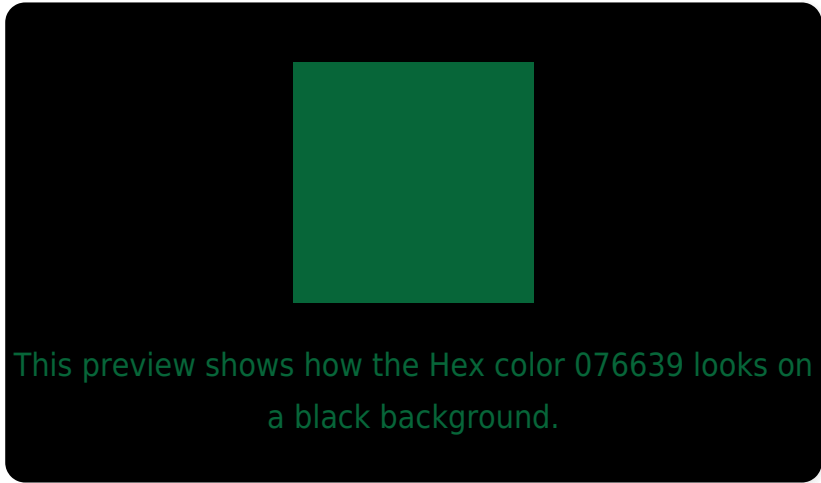
Large Text (above 18pt) WCAG AA ✓ Pass

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 076639 Background



This preview shows how black text looks on a background with the Hex color 076639.



This preview shows how white text looks on a background with the Hex color 076639.

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
076639

Protanopia
615834

Deuteranopia
69543D



Tritanopia
266168

Trichromacy



Original Color
076639



Protanomaly
405D36



Deuteranomaly
455B3C



Tritanomaly
1B6357

Monochromacy



Original Color
076639



Achromatopsia
444444



Achromatomaly
2E5040

CSS Examples

Text

The CSS property to change the color of the text to Hex 076639 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 #076639 looks like.

```
.text, #text, p{  
    color:#076639  
}
```

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 #076639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076639
}
```

Border

The CSS property to change the border of an element to Hex 076639 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
#076639 }
```

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

```
.border{ border-color:#076639 }
```

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

Here you see how a box with a 4 pixel #076639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076639; -webkit-box-shadow:4px 4px  
4px 4px #076639; box-shadow:4px 4px 4px  
4px #076639 }
```

Background

The CSS property to change the background color of an element to Hex 076639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076639 }
```

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

```
.background{ background-color:#076639 }
```

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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