

Converting Colors

Hex(076F37)

Have a look what the booklet for
Hex(076F37) contains.

Hex(076F37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(076F37)

Conversions

Conversions Part 1

Format	Color
Hex	076F37
RGB	7, 111, 55
RGB Percent	3%, 44%, 22%
CMY	0.9725, 0.5647, 0.7843
CMYK	0.94, 0.00, 0.50, 0.56
HSL	148°, 88%, 23%
HSV	148°, 94%, 44%
XYZ	6.4617, 11.6899, 5.5302
YIQ	73.5200, -44.0080, -39.4640

Conversions

Conversions Part 2

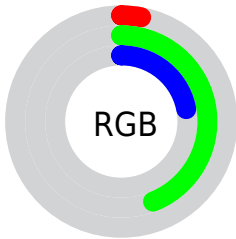
Format	Color
RYB	7, 78, 111
Decimal	487223
CIELab	40.72, -40.41, 23.72
CIELCh	41, 46.861, 149.584
Yxy	11.6899, 0.2729, 0.4936
Android (android.graphics.Color)	4278677303 (0xFF076F37)
YUV	73.5200, -9.1304, -58.3380
Hunter-Lab	34.1905, -26.0987, 14.3433

Details

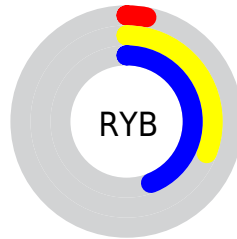
The Hex color **076F37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F073F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4BA467**, and **003E0A** is the 20% darker color. If you saturate the color by 10%, you get **006F33**, and if you desaturate by 10%, it is **126F3D**.

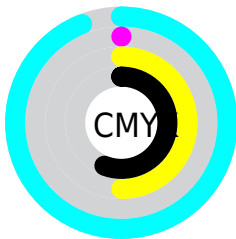
Distribution



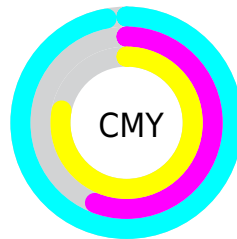
- Red (3%)
- Green (44%)
- Blue (22%)



- Red (3%)
- Yellow (31%)
- Blue (44%)



- Cyan (94%)
- Magenta (0%)
- Yellow (50%)
- Black (56%)




- Cyan (97%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076F37 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 076F37 by changing the saturation by 10% instead.

 076F37

 076F37


FFFFFF

 005621

 4BA467

 003E0A

 67BF80

 002800

 83DB9A

 000500

 9EF8B5

 000000

 BBFFD1

 D8FFEE

 F5FFFF

 076F37

 076F37

■ 006F33

■ 126F3D

■ 1D6F43

■ 286F49

■ 336F4F

■ 3F6F55

■ 4A6F5B

■ 556F61

■ 606F67

■ 6B6F6D

Harmonies

Analogous

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



4D6915



076F37



00725E

Triad

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



076F37



0065AD



A3403C

Complementary

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



076F37



6F073F

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.



A33A62



076F37



5E56A3

Square

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



076F37



006EA2



8D4587



914F1C

Rectangle

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



076F37



007279



8D4587



A53C49

Sweetspot

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



076F37



69917B



406F07



314A3C



C9C9C9



4A4A4A

Same Dimension

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



076F37



009143



076F6A



323835



007837



00F772

Inverse Universe

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



6F073F



91004E



6F070C



383236



780041



F70085

Previews

White Background



This preview shows how the Hex color 076F37 looks on a white background.

Color Contrast Check

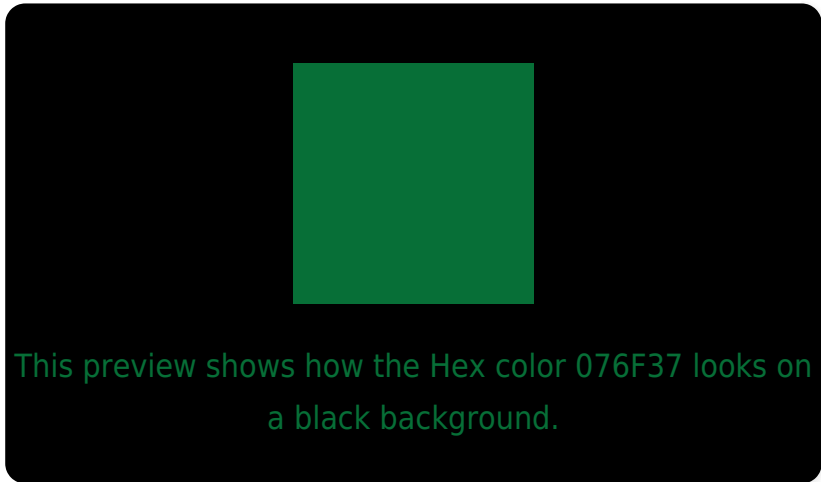
Large Text (above 18pt) WCAG AA ✓ Pass

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 076F37 Background



This preview shows how black text looks on a background with the Hex color 076F37.



This preview shows how white text looks on a background with the Hex color 076F37.

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
076F37

Protanopia
6A6032

Deuteranopia
745B3C



Tritanopia
2B6971

Trichromacy



Original Color
076F37



Protanomaly
466534



Deuteranomaly
4C623A



Tritanomaly
1E6B5C

Monochromacy



Original Color
076F37



Achromatopsia
4A4A4A



Achromatomaly
325743

CSS Examples

Text

The CSS property to change the color of the text to Hex 076F37 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 #076F37 looks like.

```
.text, #text, p{  
  color:#076F37  
}
```

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 #076F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076F37
}
```

Border

The CSS property to change the border of an element to Hex 076F37 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
#076F37 }
```

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

```
.border{ border-color:#076F37 }
```

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

Here you see how a box with a 4 pixel #076F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076F37; -webkit-box-shadow:4px 4px  
4px 4px #076F37; box-shadow:4px 4px 4px  
4px #076F37 }
```

Background

The CSS property to change the background color of an element to Hex 076F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076F37 }
```

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

```
.background{ background-color:#076F37 }
```

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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