

Converting Colors

Hex(077D42)

Have a look what the booklet for
Hex(077D42) contains.

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Color

Hex(077D42)

Conversions

Conversions Part 1

Format	Color
Hex	077D42
RGB	7, 125, 66
RGB Percent	3%, 49%, 26%
CMY	0.9725, 0.5098, 0.7412
CMYK	0.94, 0.00, 0.47, 0.51
HSL	150°, 89%, 26%
HSV	150°, 94%, 49%
XYZ	8.4046, 15.1057, 7.6270
YIQ	82.9920, -51.3890, -43.3650

Conversions

Conversions Part 2

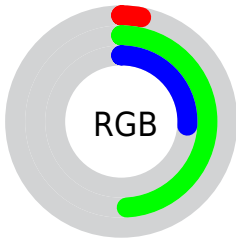
Format	Color
RYB	7, 86, 125
Decimal	490818
CIELab	45.78, -43.53, 24.07
CIELCh	46, 49.743, 151.060
Yxy	15.1057, 0.2699, 0.4851
Android (android.graphics.Color)	4278680898 (0xFF077D42)
YUV	82.9920, -8.3771, -66.6450
Hunter-Lab	38.8661, -29.4160, 15.5714

Details

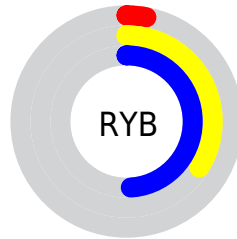
The Hex color **077D42** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D0742**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50B373**, and **004B15** is the 20% darker color. If you saturate the color by 10%, you get **007D3F**, and if you desaturate by 10%, it is **147D48**.

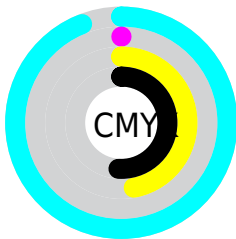
Distribution



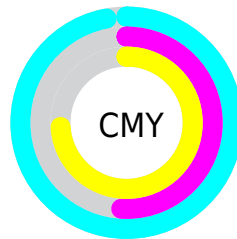
- Red (3%)
- Green (49%)
- Blue (26%)



- Red (3%)
- Yellow (34%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (47%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077D42 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 077D42 by changing the saturation by 10% instead.

 077D42

 077D42

FFFFFF

 00632B

 50B373

 004B15

 6CCF8D

 003300

 88EBA7

 001D00

 A4FFC3

 000000

 C1FFDF

 DEFFFB

 FCFFFF

 077D42

 077D42

■ 007D3F

■ 147D48

■ 207D4F

■ 2D7D55

■ 397D5B

■ 467D61

■ 527D68

■ 5F7D6E

■ 6B7D74

■ 787D7A

Harmonies

Analogous

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



56761D



077D42



00806D

Triad

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



077D42



0071C0



B44A44

Complementary

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



077D42



7D0742

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.



B6446D



077D42



6E61B4

Square

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



077D42



007BB5



A04E95



A15B21

Rectangle

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



077D42



008089



A04E95



B74651

Sweetspot

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



077D42



76A38C



427D07



365244



D1D1D1



525252

Same Dimension

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



077D42



00A352



077D7D



39403D



008040



000000

Inverse Universe

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



7D0742



A30052



7D0707



40393D



800040



000000

Previews

White Background



This preview shows how the Hex color 077D42 looks on a white background.

Color Contrast Check

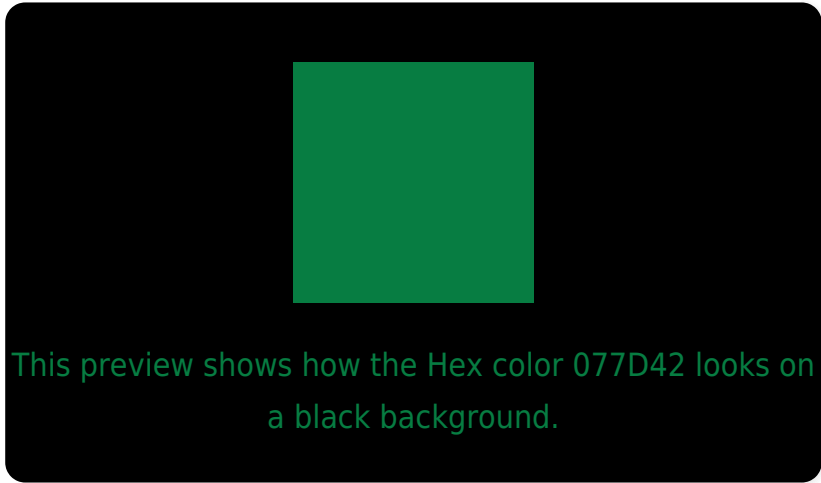
Large Text (above 18pt) WCAG AA ✓ Pass

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 077D42 Background



This preview shows how black text looks on a background with the Hex color 077D42.



This preview shows how white text looks on a background with the Hex color 077D42.

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
077D42

Protanopia
776C3C

Deuteranopia
826747



Tritanopia
307680

Trichromacy



Original Color
077D42



Protanomaly
4E723E



Deuteranomaly
556F45



Tritanomaly
217969

Monochromacy



Original Color
077D42



Achromatopsia
535353



Achromatomaly
37624D

CSS Examples

Text

The CSS property to change the color of the text to Hex 077D42 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 #077D42 looks like.

```
.text, #text, p{  
    color:#077D42  
}
```

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 #077D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077D42
}
```

Border

The CSS property to change the border of an element to Hex 077D42 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
#077D42 }
```

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

```
.border{ border-color:#077D42 }
```

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

Here you see how a box with a 4 pixel #077D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077D42; -webkit-box-shadow:4px 4px  
4px 4px #077D42; box-shadow:4px 4px 4px  
4px #077D42 }
```

Background

The CSS property to change the background color of an element to Hex 077D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077D42 }
```

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

```
.background{ background-color:#077D42 }
```

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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