

Converting Colors

Hex(077B45)

Have a look what the booklet for
Hex(077B45) contains.

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Color

Hex(077B45)

Conversions

Conversions Part 1

Format	Color
Hex	077B45
RGB	7, 123, 69
RGB Percent	3%, 48%, 27%
CMY	0.9725, 0.5176, 0.7294
CMYK	0.94, 0.00, 0.44, 0.52
HSL	152°, 89%, 25%
HSV	152°, 94%, 48%
XYZ	8.2448, 14.6408, 8.0216
YIQ	82.1600, -51.8020, -41.3860

Conversions

Conversions Part 2

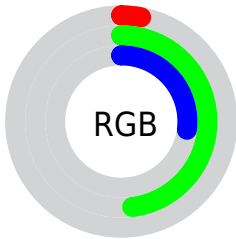
Format	Color
RYB	7, 83, 123
Decimal	490309
CIELab	45.14, -42.19, 21.57
CIElCh	45, 47.385, 152.924
Yxy	14.6408, 0.2668, 0.4737
Android (android.graphics.Color)	4278680389 (0xFF077B45)
YUV	82.1600, -6.4879, -65.9153
Hunter-Lab	38.2632, -28.4985, 14.3545

Details

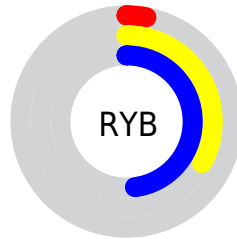
The Hex color **077B45** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7B073D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FB176**, and **004918** is the 20% darker color. If you saturate the color by 10%, you get **007B42**, and if you desaturate by 10%, it is **137B4B**.

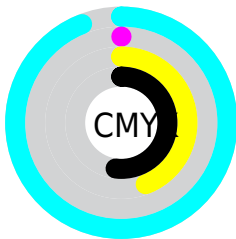
Distribution



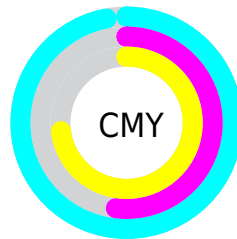
- Red (3%)
- Green (48%)
- Blue (27%)



- Red (3%)
- Yellow (33%)
- Blue (48%)



- Cyan (94%)
- Magenta (0%)
- Yellow (44%)
- Black (52%)



- Cyan (97%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077B45 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 077B45 by changing the saturation by 10% instead.

 077B45

 077B45

FFFFFF

 00612E

 4FB176

 004918

 6BCC90

 003100

 87E9AA

 001B00

 A3FFC6

 000000

 C0FFE2

 DDFFFF

 FBFFFF

 077B45

 077B45

■ 007B42

■ 137B4B

■ 207B50

■ 2C7B56

■ 387B5C

■ 457B62

■ 517B67

■ 5D7B6D

■ 697B73

■ 767B79

Harmonies

Analogous

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



537523



077B45



007E6E

Triad

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



077B45



006EBA



AF4C42

Complementary

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



077B45



7B073D

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.



B14569



077B45



715FAE

Square

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



077B45



0078B1



9E4E8F



9B5B22

Rectangle

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



077B45



007E88



9E4E8F



B2484E

Sweetspot

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



077B45



74A18C



3D7B07



365245



D1D1D1



525252

Same Dimension

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



077B45



00A156



07777B



373D3A



007D43



00FC87

Inverse Universe

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



7B073D



A1004B



7B0B07



3D373A



7D003A



FC0076

Previews

White Background



This preview shows how the Hex color 077B45 looks on a white background.

Color Contrast Check

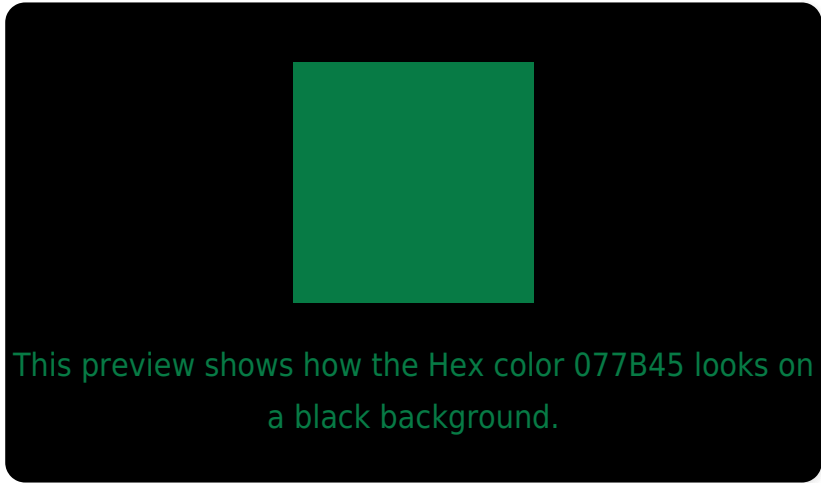
Large Text (above 18pt) WCAG AA ✓ Pass

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 077B45 Background



This preview shows how black text looks on a background with the Hex color 077B45.



This preview shows how white text looks on a background with the Hex color 077B45.

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
077B45

Protanopia
746A3F

Deuteranopia
7F664A



Tritanopia
2E747E

Trichromacy



Original Color
077B45



Protanomaly
4C7041



Deuteranomaly
536E48



Tritanomaly
207769

Monochromacy



Original Color
077B45



Achromatopsia
525252



Achromatomaly
37614D

CSS Examples

Text

The CSS property to change the color of the text to Hex 077B45 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 #077B45 looks like.

```
.text, #text, p{  
    color:#077B45  
}
```

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 #077B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077B45  
}
```

Border

The CSS property to change the border of an element to Hex 077B45 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  
#077B45 }
```

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

```
.border{ border-color:#077B45 }
```

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

Here you see how a box with a 4 pixel #077B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077B45; -webkit-box-shadow:4px 4px  
4px 4px #077B45; box-shadow:4px 4px 4px  
4px #077B45 }
```

Background

The CSS property to change the background color of an element to Hex 077B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077B45 }
```

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

```
.background{ background-color:#077B45 }
```

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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