

Converting Colors

Hex(077C33)

Have a look what the booklet for
Hex(077C33) contains.

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Color

Hex(077C33)

Conversions

Conversions Part 1

Format	Color
Hex	077C33
RGB	7, 124, 51
RGB Percent	3%, 49%, 20%
CMY	0.9725, 0.5137, 0.8000
CMYK	0.94, 0.00, 0.59, 0.51
HSL	143°, 89%, 26%
HSV	143°, 94%, 49%
XYZ	7.8928, 14.6995, 5.5533
YIQ	80.6950, -46.2990, -47.5070

Conversions

Conversions Part 2

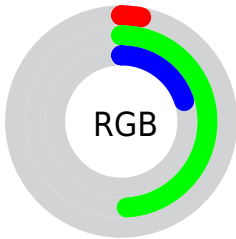
Format	Color
RYB	7, 92, 124
Decimal	490547
CIELab	45.22, -45.74, 31.38
CIELCh	45, 55.470, 145.546
Yxy	14.6995, 0.2804, 0.5223
Android (android.graphics.Color)	4278680627 (0xFF077C33)
YUV	80.6950, -14.6396, -64.6305
Hunter-Lab	38.3399, -30.3481, 18.2502

Details

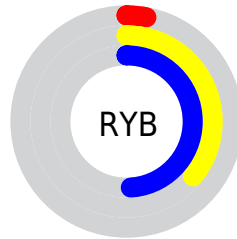
The Hex color **077C33** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C0750**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50B264**, and **004A03** is the 20% darker color. If you saturate the color by 10%, you get **007C2F**, and if you desaturate by 10%, it is **137C3B**.

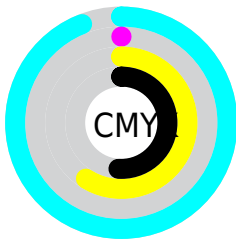
Distribution



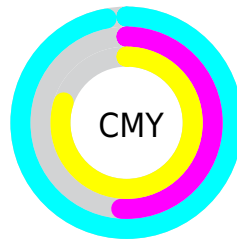
- Red (3%)
- Green (49%)
- Blue (20%)



- Red (3%)
- Yellow (36%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077C33 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 077C33 by changing the saturation by 10% instead.

 077C33

 077C33

FFFFFF

 00621B

 50B264

 004A03

 6CCE7D

 003200

 88EA97

 001B00

 A5FFB3

 000000

 C1FFCE

 DFFFEB

 FFFFFFFF

 077C33

 077C33

■ 007C2F

■ 137C3B

■ 207C42

■ 2C7C4A

■ 397C52

■ 457C5A

■ 517C61

■ 5E7C69

■ 6A7C71

■ 777C79

Harmonies

Analogous

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



5A7402



077C33



008062

Triad

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



077C33



0073C8



BB4046

Complementary

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



077C33



7C0750

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.



B93B74



077C33



5B62BF

Square

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



077C33



007CB7



9C4CA0



A8531C

Rectangle

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



077C33



008083



9C4CA0



BD3C55

Sweetspot

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



077C33



74A185



517C07



365240



D1D1D1



525252

Same Dimension

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



077C33



00A13C



077C6C



373D39



007D2F



00FC5F

Inverse Universe

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



7C0750



A10064



7C0717



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 077C33 looks on a white background.

Color Contrast Check

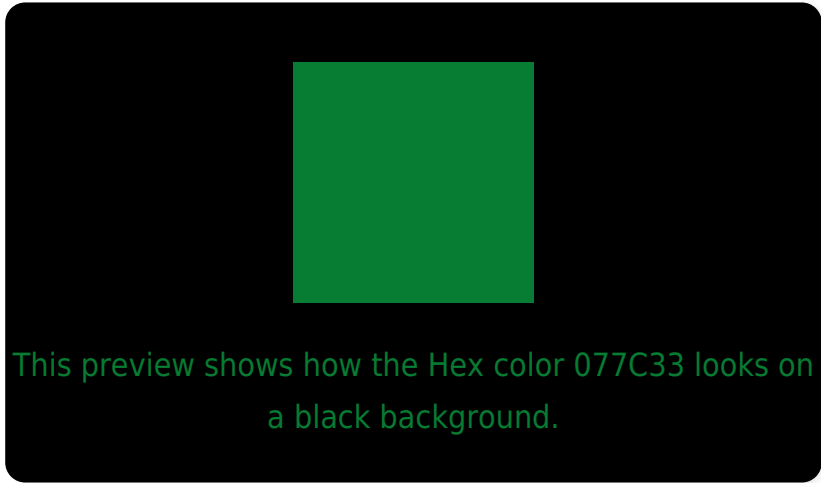
Large Text (above 18pt) WCAG AA ✓ Pass

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 077C33 Background



This preview shows how black text looks on a background with the Hex color 077C33.



This preview shows how white text looks on a background with the Hex color 077C33.

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
077C33

Protanopia
776B2E

Deuteranopia
826639



Tritanopia
31747E

Trichromacy



Original Color
077C33



Protanomaly
4E7130



Deuteranomaly
556E37



Tritanomaly
227763

Monochromacy



Original Color
077C33



Achromatopsia
515151



Achromatomaly
366146

CSS Examples

Text

The CSS property to change the color of the text to Hex 077C33 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 #077C33 looks like.

```
.text, #text, p{  
    color:#077C33  
}
```

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 #077C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077C33
}
```

Border

The CSS property to change the border of an element to Hex 077C33 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
#077C33 }
```

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

```
.border{ border-color:#077C33 }
```

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

Here you see how a box with a 4 pixel #077C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077C33; -webkit-box-shadow:4px 4px  
4px 4px #077C33; box-shadow:4px 4px 4px  
4px #077C33 }
```

Background

The CSS property to change the background color of an element to Hex 077C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077C33 }
```

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

```
.background{ background-color:#077C33 }
```

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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