

Converting Colors

Hex(067830)

Have a look what the booklet for
Hex(067830) contains.

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Color

Hex(067830)

Conversions

Conversions Part 1

Format	Color
Hex	067830
RGB	6, 120, 48
RGB Percent	2%, 47%, 19%
CMY	0.9765, 0.5294, 0.8118
CMYK	0.95, 0.00, 0.60, 0.53
HSL	142°, 90%, 25%
HSV	142°, 95%, 47%
XYZ	7.3251, 13.6851, 5.0517
YIQ	77.7060, -44.8320, -46.5600

Conversions

Conversions Part 2

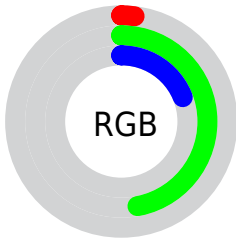
Format	Color
RYB	6, 89, 120
Decimal	423984
CIELab	43.78, -44.88, 31.20
CIELCh	44, 54.663, 145.197
Yxy	13.6851, 0.2811, 0.5251
Android (android.graphics.Color)	4278614064 (0xFF067830)
YUV	77.7060, -14.6451, -62.8862
Hunter-Lab	36.9933, -29.3934, 17.7988

Details

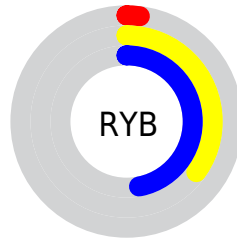
The Hex color **067830** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78064E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EAD60**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **00782C**, and if you desaturate by 10%, it is **127838**.

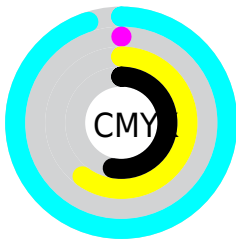
Distribution



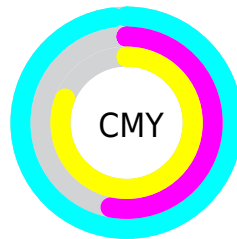
- Red (2%)
- Green (47%)
- Blue (19%)



- Red (2%)
- Yellow (35%)
- Blue (47%)



- Cyan (95%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (98%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067830 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 067830 by changing the saturation by 10% instead.

 067830

 067830

FFFFFF

 005E18

 4EAD60

 004600

 6BC97A

 002F00

 87E694

 001600

 A3FFAF

 000000

 BFFFCB

 DCFE7

 FAFFFF

 067830

 067830

■ 00782C

■ 127838

■ 1E783F

■ 2A7847

■ 36784E

■ 427856

■ 4E785D

■ 5A7865

■ 66786D

■ 727874

Harmonies

Analogous

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



587000



067830



007C5E

Triad

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



067830



006FC2



B63D44

Complementary

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



067830



78064E

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.



B43871



067830



575FBA

Square

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



067830



0078B2



97499C



A4501A

Rectangle

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



067830



007C7E



97499C



B83952

Sweetspot

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



067830



6E9C7F



4E7806



334F3E



CFCFCF



4F4F4F

Same Dimension

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



067830



009C39



067869



373D39



007D2E



00FC5D

Inverse Universe

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



78064E



9C0062



780615



3D373B



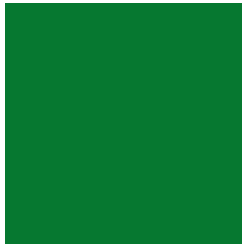
7D004F



FC009F

Previews

White Background



This preview shows how the Hex color 067830 looks on a white background.

Color Contrast Check

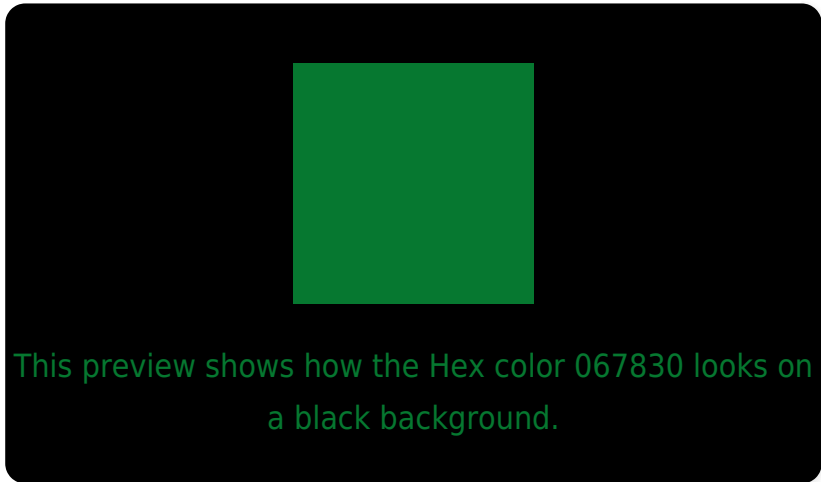
Large Text (above 18pt) WCAG AA ✓ Pass

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 067830 Background



This preview shows how black text looks on a background with the Hex color 067830.



This preview shows how white text looks on a background with the Hex color 067830.

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
067830

Protanopia
73672B

Deuteranopia
7E6236



Tritanopia
30717A

Trichromacy



Original Color
067830



Protanomaly
4B6D2D



Deuteranomaly
526A34



Tritanomaly
21745F

Monochromacy



Original Color
067830



Achromatopsia
4E4E4E



Achromatomaly
345D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 067830 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 #067830 looks like.

```
.text, #text, p{  
    color:#067830  
}
```

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 #067830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067830
}
```

Border

The CSS property to change the border of an element to Hex 067830 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
#067830 }
```

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

```
.border{ border-color:#067830 }
```

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

Here you see how a box with a 4 pixel #067830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067830; -webkit-box-shadow:4px 4px  
4px 4px #067830; box-shadow:4px 4px 4px  
4px #067830 }
```

Background

The CSS property to change the background color of an element to Hex 067830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067830 }
```

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

```
.background{ background-color:#067830 }
```

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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