

# Converting Colors

Hex(067C3C)

Have a look what the booklet for  
Hex(067C3C) contains.

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# Color

Hex(067C3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067C3C
RGB	6, 124, 60
RGB Percent	2%, 49%, 24%
CMY	0.9765, 0.5137, 0.7647
CMYK	0.95, 0.00, 0.52, 0.51
HSL	147°, 91%, 25%
HSV	147°, 95%, 49%
XYZ	8.0984, 14.7803, 6.7010
YIQ	81.4220, -49.7840, -44.9200

# Conversions

## Conversions Part 2

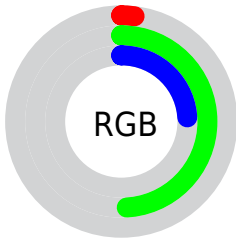
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 87, 124
Decimal	425020
CIELab	45.33, -44.34, 26.78
CIELCh	45, 51.804, 148.870
Yxy	14.7803, 0.2738, 0.4997
Android (android.graphics.Color)	4278615100 (0xFF067C3C)
YUV	81.4220, -10.5610, -66.1451
Hunter-Lab	38.4451, -29.6784, 16.5773

# Details

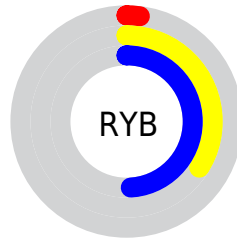
The Hex color **067C3C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C0646**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FB26D**, and **004A0E** is the 20% darker color. If you saturate the color by 10%, you get **007C39**, and if you desaturate by 10%, it is **127C43**.

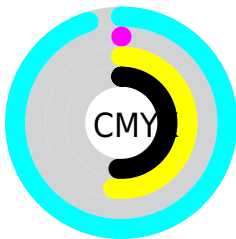
# Distribution



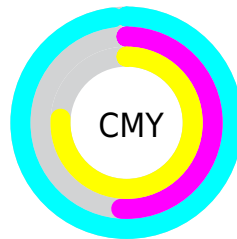
- Red (2%)
- Green (49%)
- Blue (24%)



- Red (2%)
- Yellow (34%)
- Blue (49%)



- Cyan (95%)
- Magenta (0%)
- Yellow (52%)
- Black (51%)



- Cyan (98%)
- Magenta (51%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067C3C 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 067C3C by changing the saturation by 10% instead.



 067C3C

 067C3C

FFFFFF

 006225

 4FB26D

 004A0E

 6CCE86

 003200

 88EAA1

 001B00

 A4FFBC

 000000

 C1FFD8

 DEFFF5

 FBFFFF

 067C3C

 067C3C

■ 007C39

■ 127C43

■ 1F7C49

■ 2B7C50

■ 387C57

■ 447C5E

■ 507C64

■ 5D7C6B

■ 697C72

■ 767C79

# Harmonies

## Analogous

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



577515



067C3C



007F68

# Triad

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



067C3C



0071C2



B64644

# Complementary

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



067C3C



7C0646

# 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.



B6406F



067C3C



6760B8

# Square

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



067C3C



007BB5



9E4D99



A3581F

# Rectangle

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



067C3C



008086



9E4D99



B94252



# Sweetspot

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



067C3C



72A187



477C06



355242



D1D1D1



525252



# Same Dimension

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



067C3C



00A14A



067C76



373D3A



007D39



00FC74



# Inverse Universe

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



7C0646



A10057



7C060C



3D373A



7D0044



FC0089



# Previews

## White Background



This preview shows how the Hex color 067C3C looks on a white background.

## Color Contrast Check

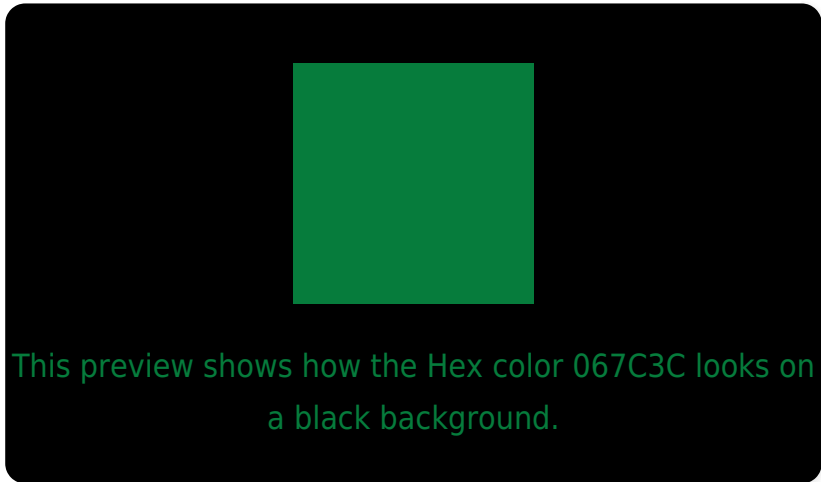
Large Text (above 18pt) WCAG AA ✓ Pass

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 067C3C Background



This preview shows how black text looks on a background with the Hex color 067C3C.



This preview shows how white text looks on a background with the Hex color 067C3C.

# 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**  
067C3C

**Protanopia**  
766B36

**Deuteranopia**  
816642



**Tritanopia**  
30757E

# Trichromacy



**Original Color**  
067C3C



**Protanomaly**  
4D7138



**Deuteranomaly**  
546E40



**Tritanomaly**  
217866

# Monochromacy



**Original Color**  
067C3C



**Achromatopsia**  
515151



**Achromatomaly**  
366149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067C3C 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 #067C3C looks like.

```
.text, #text, p{  
    color:#067C3C  
}
```

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 #067C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067C3C
}
```

## Border

The CSS property to change the border of an element to Hex 067C3C 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
#067C3C }
```

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

```
.border{ border-color:#067C3C }
```

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

Here you see how a box with a 4 pixel #067C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067C3C; -webkit-box-shadow:4px 4px  
4px 4px #067C3C; box-shadow:4px 4px 4px  
4px #067C3C }
```

# Background

The CSS property to change the background color of an element to Hex 067C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067C3C }
```

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

```
.background{ background-color:#067C3C }
```

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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