

# Converting Colors

Hex(067855)

Have a look what the booklet for  
Hex(067855) contains.

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# Color

Hex(067855)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067855
RGB	6, 120, 85
RGB Percent	2%, 47%, 33%
CMY	0.9765, 0.5294, 0.6667
CMYK	0.95, 0.00, 0.29, 0.53
HSL	162°, 90%, 25%
HSV	162°, 95%, 47%
XYZ	8.4313, 14.1275, 10.8768
YIQ	81.9240, -56.7090, -35.0530

# Conversions

## Conversions Part 2

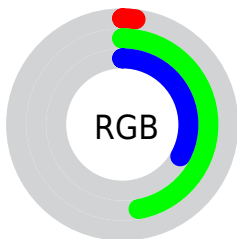
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 73, 120
Decimal	424021
CIELab	44.42, -37.42, 11.37
CIELCh	44, 39.107, 163.105
Yxy	14.1275, 0.2522, 0.4225
Android (android.graphics.Color)	4278614101 (0xFF067855)
YUV	81.9240, 1.5165, -66.5853
Hunter-Lab	37.5866, -25.7362, 9.1532

# Details

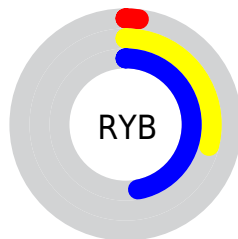
The Hex color **067855** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **780629**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4EAD87**, and **004628** is the 20% darker color. If you saturate the color by 10%, you get **007853**, and if you desaturate by 10%, it is **127859**.

# Distribution



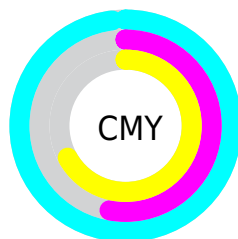
- Red (2%)
- Green (47%)
- Blue (33%)



- Red (2%)
- Yellow (29%)
- Blue (47%)



- Cyan (95%)
- Magenta (0%)
- Yellow (29%)
- Black (53%)



- Cyan (98%)
- Magenta (53%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067855 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 067855 by changing the saturation by 10% instead.



 067855

 067855

FFFFFF

 005F3E

 4EAD87

 004628

 6AC9A1

 002F13

 86E5BC

 001800

 A2FFD8

 000000

 BFFFF4

 DCFFFF

 F9FFFF

 067855

 067855

■ 007853

■ 127859

■ 1E785C

■ 2A7860

■ 367864

■ 427867

■ 4E786B

■ 5A786F

■ 667872

■ 727876

# Harmonies

## Analogous

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



4A7437



067855



007977

# Triad

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



067855



4A68A8



9F553E

# Complementary

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



067855



780629

# 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.



A64D5C



067855



7E5B99

# Square

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



067855



0072A7



9B4F7D



8B6129

# Rectangle

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



067855



00788C



9B4F7D



A35147



# Sweetspot

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



067855



6E9C8E



2A7806



334F47



CFCFCF



4F4F4F



# Same Dimension

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



067855



009C6C



066378



373D3B



007D57



00FCAF



# Inverse Universe

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



780629



9C0030



781B06



3D3739



7D0026



FC004E



# Previews

## White Background



This preview shows how the Hex color 067855 looks on a white background.

## Color Contrast Check

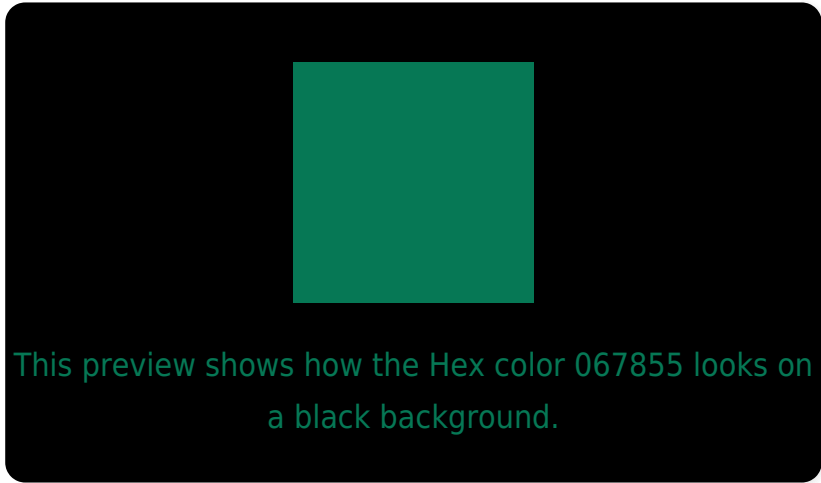
Large Text (above 18pt) WCAG AA ✓ Pass

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

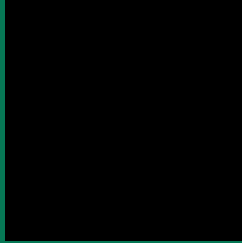
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 067855 Background



This preview shows how black text looks on a background with the Hex color 067855.



This preview shows how white text looks on a background with the Hex color 067855.

# 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**  
067855

**Protanopia**  
70694E

**Deuteranopia**  
786559



**Tritanopia**  
28737C

# Trichromacy



**Original Color**  
067855



**Protanomaly**  
496E51



**Deuteranomaly**  
4F6C58



**Tritanomaly**  
1C756E

# Monochromacy



**Original Color**  
067855



**Achromatopsia**  
525252



**Achromatomaly**  
366053

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067855 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 #067855 looks like.

```
.text, #text, p{  
    color:#067855  
}
```

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 #067855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067855  
}
```

## Border

The CSS property to change the border of an element to Hex 067855 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  
#067855 }
```

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

```
.border{ border-color:#067855 }
```

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

Here you see how a box with a 4 pixel #067855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067855; -webkit-box-shadow:4px 4px  
4px 4px #067855; box-shadow:4px 4px 4px  
4px #067855 }
```

# Background

The CSS property to change the background color of an element to Hex 067855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067855 }
```

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

```
.background{ background-color:#067855 }
```

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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