

Converting Colors

Hex(07A837)

Have a look what the booklet for
Hex(07A837) contains.

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Color

Hex(07A837)

Conversions

Conversions Part 1

Format	Color
Hex	07A837
RGB	7, 168, 55
RGB Percent	3%, 66%, 22%
CMY	0.9725, 0.3412, 0.7843
CMYK	0.96, 0.00, 0.67, 0.34
HSL	138°, 92%, 34%
HSV	138°, 96%, 66%
XYZ	14.7798, 28.3263, 8.3030
YIQ	106.9790, -59.6830, -69.2750

Conversions

Conversions Part 2

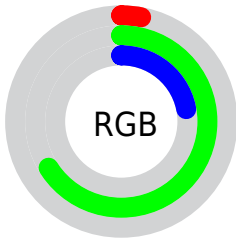
Format	Color
RYB	7, 131, 168
Decimal	501815
CIELab	60.18, -59.50, 46.54
CIElCh	60, 75.537, 141.969
Yxy	28.3263, 0.2875, 0.5510
Android (android.graphics.Color)	4278691895 (0xFF07A837)
YUV	106.9790, -25.6256, -87.6816
Hunter-Lab	53.2224, -43.5699, 28.0062

Details

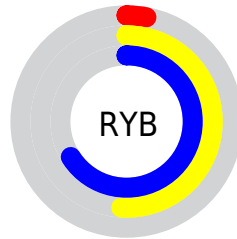
The Hex color **07A837** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A80778**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5EE06B**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A832**, and if you desaturate by 10%, it is **18A843**.

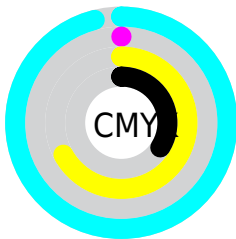
Distribution



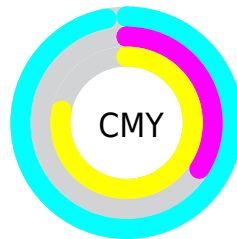
- Red (3%)
- Green (66%)
- Blue (22%)



- Red (3%)
- Yellow (51%)
- Blue (66%)



- Cyan (96%)
- Magenta (0%)
- Yellow (67%)
- Black (34%)



- Cyan (97%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07A837 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 07A837 by changing the saturation by 10% instead.

 07A837

 07A837

FFFFFF

 008D1C

 5EE06B

 007200

 7DFE85

 005800

 9BFFA1

 003F00

 B9FFBC

 002800

 D7FFD9

 000100

 F5FFF6

 000000

 07A837

 07A837

 00A832

 18A843

 29A84F

 39A85A

 4AA866

 5BA872

 6CA87E

 7DA88A

 8DA895

 9EA8A1

Harmonies

Analogous

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



809C00



07A837



00AE7C

Triad

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



07A837



009FFF



FF4C64

Complementary

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



07A837



A80778

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.



FD48A6



07A837



6487FF

Square

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



07A837



00ABFA



CE66E4



EC6A24

Rectangle

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



07A837



00AFAB



CE66E4



FF4679

Sweetspot

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



07A837



9CDBAF



7AA807



476E53



EDEDED



6E6E6E

Same Dimension

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



07A837



00DB41



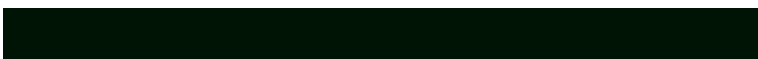
07A885



4C544E



00942C



001406

Inverse Universe

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



A80778



DB009A



A8072A



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color 07A837 looks on a white background.

Color Contrast Check

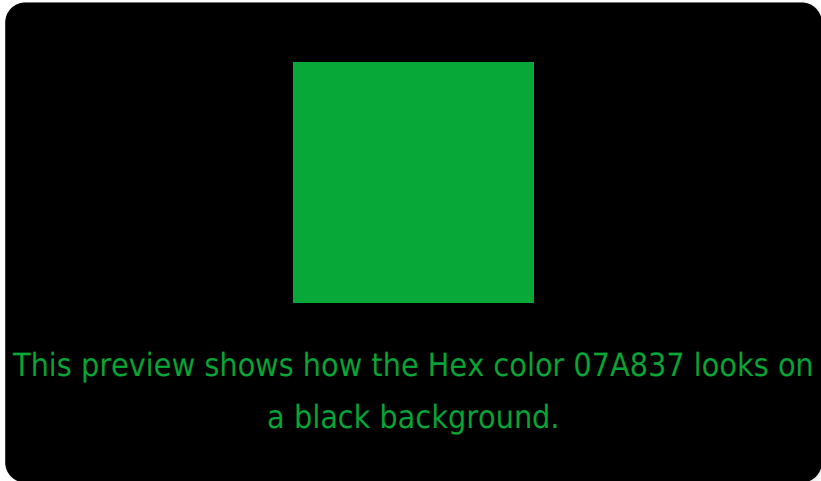
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 07A837 Background



This preview shows how black text looks on a background with the Hex color 07A837.



This preview shows how white text looks on a background with the Hex color 07A837.

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
07A837

Protanopia
A19031

Deuteranopia
B28941

Trichromacy



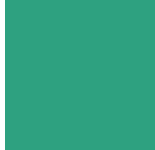
Original Color
07A837



Protanomaly
699933



Deuteranomaly
74943D



Tritanomaly
2EA180

Monochromacy



Original Color
07A837



Achromatopsia
6B6B6B



Achromatomaly
478158

CSS Examples

Text

The CSS property to change the color of the text to Hex 07A837 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 #07A837 looks like.

```
.text, #text, p{  
    color:#07A837  
}
```

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 #07A837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07A837
}
```

Border

The CSS property to change the border of an element to Hex 07A837 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
#07A837 }
```

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

```
.border{ border-color:#07A837 }
```

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

Here you see how a box with a 4 pixel #07A837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07A837; -webkit-box-shadow:4px 4px  
4px 4px #07A837; box-shadow:4px 4px 4px  
4px #07A837 }
```

Background

The CSS property to change the background color of an element to Hex 07A837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07A837 }
```

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

```
.background{ background-color:#07A837 }
```

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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