

Converting Colors

Hex(07A833)

Have a look what the booklet for
Hex(07A833) contains.

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Color

Hex(07A833)

Conversions

Conversions Part 1

Format	Color
Hex	07A833
RGB	7, 168, 51
RGB Percent	3%, 66%, 20%
CMY	0.9725, 0.3412, 0.8000
CMYK	0.96, 0.00, 0.70, 0.34
HSL	136°, 92%, 34%
HSV	136°, 96%, 66%
XYZ	14.6878, 28.2895, 7.8183
YIQ	106.5230, -58.3990, -70.5190

Conversions

Conversions Part 2

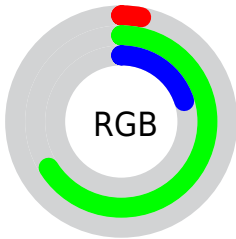
Format	Color
RYB	7, 133, 168
Decimal	501811
CIELab	60.15, -59.92, 48.16
CIELCh	60, 76.875, 141.206
Yxy	28.2895, 0.2892, 0.5569
Android (android.graphics.Color)	4278691891 (0xFF07A833)
YUV	106.5230, -27.3728, -87.2817
Hunter-Lab	53.1878, -43.7860, 28.5162

Details

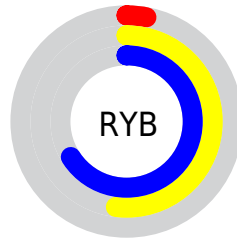
The Hex color **07A833** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A8077C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5EE067**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A82E**, and if you desaturate by 10%, it is **18A83F**.

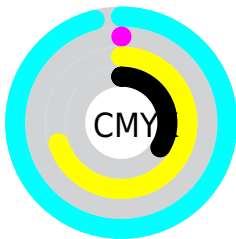
Distribution



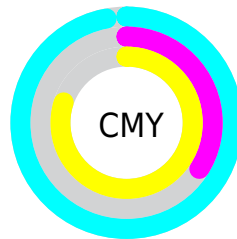
- Red (3%)
- Green (66%)
- Blue (20%)



- Red (3%)
- Yellow (52%)
- Blue (66%)



- Cyan (96%)
- Magenta (0%)
- Yellow (70%)
- Black (34%)



- Cyan (97%)
- Magenta (34%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07A833 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 07A833 by changing the saturation by 10% instead.

 07A833

 07A833

FFFFFF

 008D16

 5EE067

 007200

 7DFE82

 005800

 9BFF9D

 003F00

 B9FFB9

 002800

 D7FFD5

 000100

 F5FFF2

 000000

 07A833

 07A833

 00A82E

 18A83F

 29A84B

 39A858

 4AA864

 5BA870

 6CA87C

 7DA888

 8DA895

 9EA8A1

Harmonies

Analogous

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



819C00



07A833



00AE7A

Triad

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



07A833



009FFF



FF4965

Complementary

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



07A833



A8077C

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.



FE46A8



07A833



5D88FF

Square

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



07A833



00ABFA



CE66E7



EE6923

Rectangle

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



07A833



00AFA9



CE66E7



FF427B

Sweetspot

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



07A833



9CDBAD



7DA807



476E52



EDEDED



6E6E6E

Same Dimension

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



07A833



00DB3C



07A882



4C544E



009428



001406

Inverse Universe

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



A8077C



DB009F



A8072D



544C52



94006B



14000F

Previews

White Background



This preview shows how the Hex color 07A833 looks on a white background.

Color Contrast Check

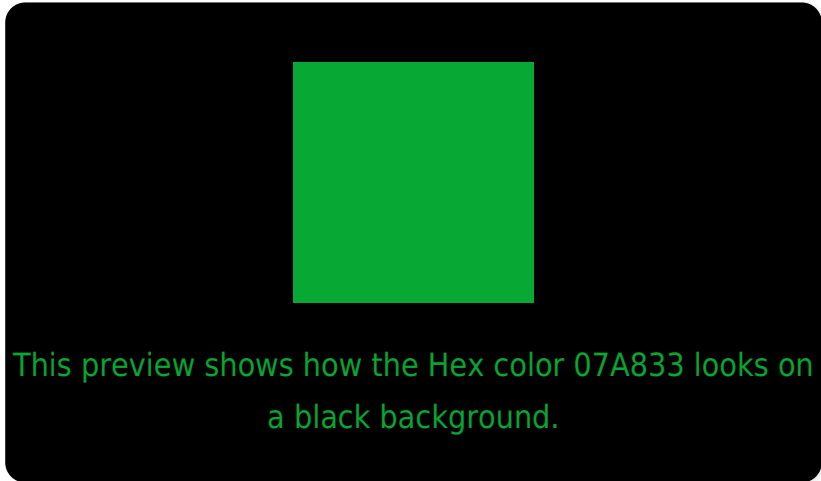
Large Text (above 18pt) WCAG AA ✓ Pass

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 07A833 Background



This preview shows how black text looks on a background with the Hex color 07A833.

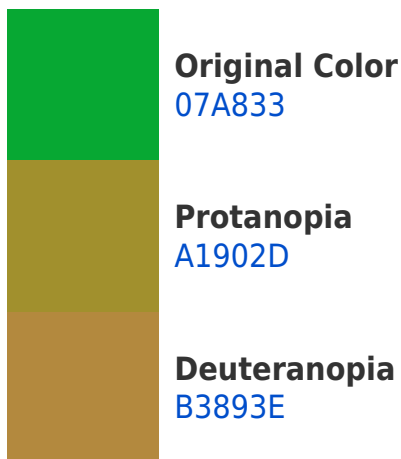


This preview shows how white text looks on a background with the Hex color 07A833.

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





Tritanopia
459DAA

Trichromacy



Original Color
07A833



Protanomaly
69992F



Deuteranomaly
74943A



Tritanomaly
2EA17F

Monochromacy



Original Color
07A833



Achromatopsia
6B6B6B



Achromatomaly
478157

CSS Examples

Text

The CSS property to change the color of the text to Hex 07A833 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 #07A833 looks like.

```
.text, #text, p{  
    color:#07A833  
}
```

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 #07A833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07A833
}
```

Border

The CSS property to change the border of an element to Hex 07A833 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".

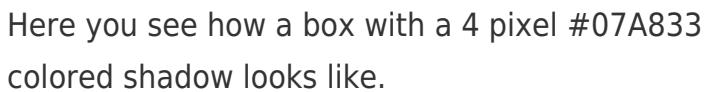
```
.border, #border, table{ border:4px solid
#07A833 }
```

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

```
.border{ border-color:#07A833 }
```

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

Here you see how a box with a 4 pixel #07A833 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07A833; -webkit-box-shadow:4px 4px  
4px 4px #07A833; box-shadow:4px 4px 4px  
4px #07A833 }
```

Background

The CSS property to change the background color of an element to Hex 07A833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07A833 }
```

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

```
.background{ background-color:#07A833 }
```

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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