

# Converting Colors

Hex(07851A)

Have a look what the booklet for  
Hex(07851A) contains.

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**Color**

**Hex(07851A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	07851A
RGB	7, 133, 26
RGB Percent	3%, 52%, 10%
CMY	0.9725, 0.4784, 0.8980
CMYK	0.95, 0.00, 0.80, 0.48
HSL	129°, 90%, 27%
HSV	129°, 95%, 52%
XYZ	8.6616, 16.8948, 3.7818
YIQ	83.1280, -40.7490, -59.9890

# Conversions

## Conversions Part 2

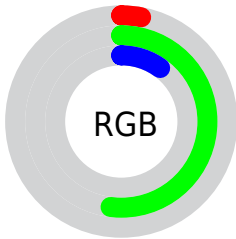
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 116, 133
Decimal	492826
CIELab	48.13, -51.41, 45.31
CIELCh	48, 68.525, 138.607
Yxy	16.8948, 0.2952, 0.5759
Android (android.graphics.Color)	4278682906 (0xFF07851A)
YUV	83.1280, -28.1641, -66.7643
Hunter-Lab	41.1033, -34.3159, 23.3172

# Details

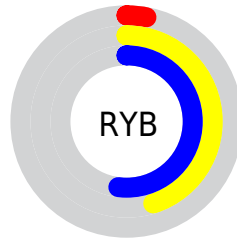
The Hex color **07851A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **850772**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **54BB4F**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **008514**, and if you desaturate by 10%, it is **148525**.

# Distribution



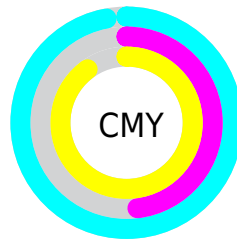
- Red (3%)
- Green (52%)
- Blue (10%)



- Red (3%)
- Yellow (45%)
- Blue (52%)



- Cyan (95%)
- Magenta (0%)
- Yellow (80%)
- Black (48%)



- Cyan (97%)
- Magenta (48%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07851A 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 07851A by changing the saturation by 10% instead.



 07851A


 07851A

FFFFFF

 006B00

 54BB4F

 005200

 71D869

 003900

 8EF483

 002300

 ABFF9E

 000000

 C8FFBA

 E6FFD6

 FFFFF3

 07851A

 07851A

■ 008514

■ 148525

■ 228531

■ 2F853C

■ 3C8547

■ 4A8552

■ 57855E

■ 648569

■ 718574

■ 7F8580

# Harmonies

## Analogous

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



697A00



07851A



008A59

# Triad

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



07851A



0080E5



D62E51

# Complementary

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



07851A



850772

# 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.



CD2F8B



07851A



2E6DE1

# Square

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



07851A



0089C9



A04FC0



C34C18

# Rectangle

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



07851A



008B82



A04FC0



D72964



# Sweetspot

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



07851A



7DAD84



728507



39573E



D6D6D6



575757



# Same Dimension

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



07851A



00AD1A



078559



3C423D



008214



000300



# Inverse Universe

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



850772



AD0093



850733



423C41



82006E

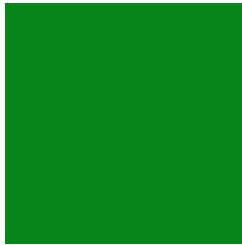


030002



# Previews

## White Background



This preview shows how the Hex color 07851A looks on a white background.

## Color Contrast Check

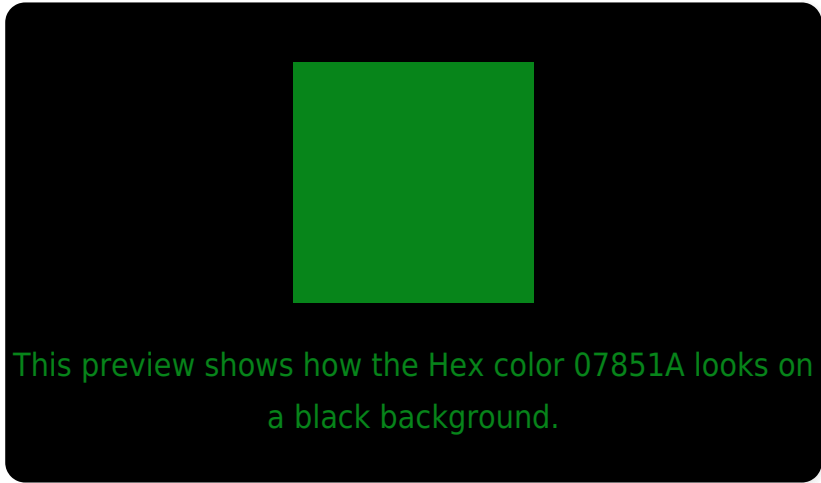
Large Text (above 18pt) WCAG AA ✓ Pass

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

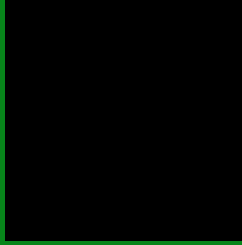
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07851A Background



This preview shows how black text looks on a background with the Hex color 07851A.



This preview shows how white text looks on a background with the Hex color 07851A.

# 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**  
07851A

**Protanopia**  
807215

**Deuteranopia**  
8E6C26



**Tritanopia**  
377C86

# Trichromacy



**Original Color**  
07851A



**Protanomaly**  
547917



**Deuteranomaly**  
5D7522



**Tritanomaly**  
267F5F

# Monochromacy



**Original Color**  
07851A



**Achromatopsia**  
535353



**Achromatomaly**  
37653E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07851A 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 #07851A looks like.

```
.text, #text, p{  
    color:#07851A  
}
```

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 #07851A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07851A
}
```

## Border

The CSS property to change the border of an element to Hex 07851A 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
#07851A }
```

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

```
.border{ border-color:#07851A }
```

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

Here you see how a box with a 4 pixel #07851A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07851A; -webkit-box-shadow:4px 4px  
4px 4px #07851A; box-shadow:4px 4px 4px  
4px #07851A }
```

# Background

The CSS property to change the background color of an element to Hex 07851A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07851A }
```

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

```
.background{ background-color:#07851A }
```

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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