

# Converting Colors

Hex(00881B)

Have a look what the booklet for  
Hex(00881B) contains.

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**Color**

**Hex(00881B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00881B
RGB	0, 136, 27
RGB Percent	0%, 53%, 11%
CMY	1.0000, 0.4667, 0.8941
CMYK	1.00, 0.00, 0.80, 0.47
HSL	132°, 100%, 27%
HSV	132°, 100%, 53%
XYZ	9.0020, 17.6875, 3.9765
YIQ	82.9100, -46.0670, -62.7310

# Conversions

## Conversions Part 2

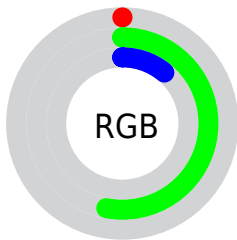
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 136
Decimal	34843
CIELab	49.11, -52.75, 45.91
CIELCh	49, 69.934, 138.967
Yxy	17.6875, 0.2936, 0.5768
Android (android.graphics.Color)	4278224923 (0xFF00881B)
YUV	82.9100, -27.5636, -72.7121
Hunter-Lab	42.0565, -35.3917, 23.8336

# Details

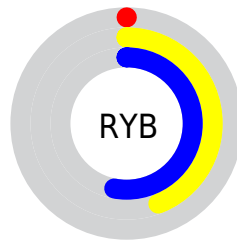
The Hex color **00881B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **88006D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53BF50**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **00881B**, and if you desaturate by 10%, it is **0E8826**.

# Distribution



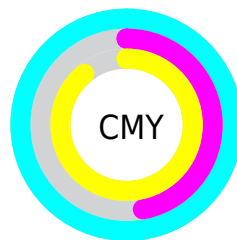
- Red (0%)
- Green (53%)
- Blue (11%)



- Red (0%)
- Yellow (44%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00881B 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 00881B by changing the saturation by 10% instead.



 00881B

 00881B

FFFFFF

 006E00


 53BF50

 005400

 71DB6A

 003C00

 8EF884

 002600

 ABFF9F

 000000

 C8FFBB

 E6FFD7

 FFFFF4

 00881B

 0E8826

 1B8831

 29883C

 368847

 448852

 52885C

 5F8867

 6D8872

 7A887D

# Harmonies

## Analogous

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



6A7D00



00881B



008D5C

# Triad

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



00881B



0082EA



DB2F52

# Complementary

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



00881B



88006D

# 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.



D22F8D



00881B



316FE6

# Square

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



00881B



008CCE



A450C4



C74E18

# Rectangle

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



00881B



008E86



A450C4



DB2966



# Sweetspot

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



00881B



7BB086



6F8800



39593F



D9D9D9



595959



# Same Dimension

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



00881B



00B023



00885D



3E453F



00851A



000501



# Inverse Universe

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



88006D



B0008D



88002B



453E43



85006A

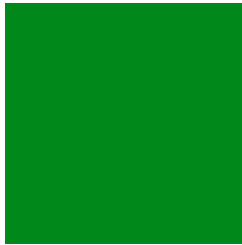


050004



# Previews

## White Background



This preview shows how the Hex color 00881B looks on a white background.

## Color Contrast Check

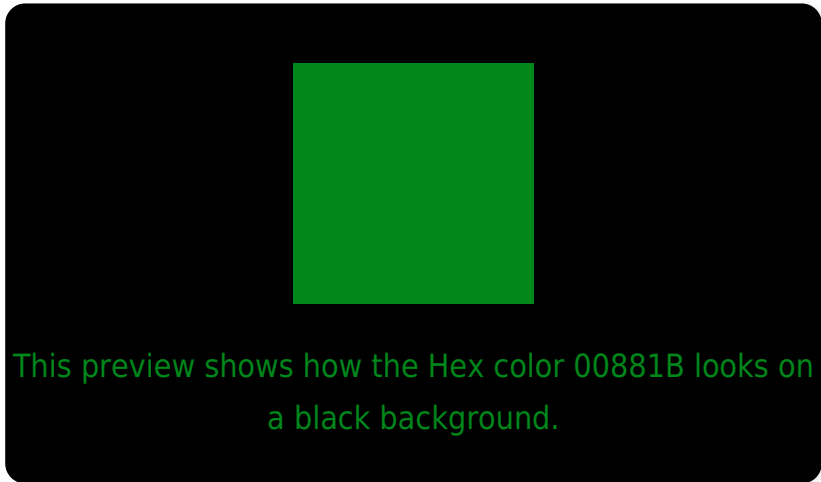
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 00881B Background



This preview shows how black text looks on a background with the Hex color 00881B.



This preview shows how white text looks on a background with the Hex color 00881B.

# 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**  
00881B

**Protanopia**  
837516

**Deuteranopia**  
916E27



**Tritanopia**  
387F89

# Trichromacy



**Original Color**  
00881B



**Protanomaly**  
537C18



**Deuteranomaly**  
5C7723



**Tritanomaly**  
248261

# Monochromacy



**Original Color**  
00881B



**Achromatopsia**  
535353



**Achromatomaly**  
35663F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00881B 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 #00881B looks like.

```
.text, #text, p{  
    color:#00881B  
}
```

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 #00881B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00881B
}
```

## Border

The CSS property to change the border of an element to Hex 00881B 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
#00881B }
```

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

```
.border{ border-color:#00881B }
```

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

Here you see how a box with a 4 pixel #00881B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00881B; -webkit-box-shadow:4px 4px  
4px 4px #00881B; box-shadow:4px 4px 4px  
4px #00881B }
```

# Background

The CSS property to change the background color of an element to Hex 00881B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00881B }
```

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

```
.background{ background-color:#00881B }
```

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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