

Converting Colors

Hex(00850A)

Have a look what the booklet for
Hex(00850A) contains.

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Color

Hex(00850A)

Conversions

Conversions Part 1

Format	Color
Hex	00850A
RGB	0, 133, 10
RGB Percent	0%, 52%, 4%
CMY	1.0000, 0.4784, 0.9608
CMYK	1.00, 0.00, 0.92, 0.48
HSL	125°, 100%, 26%
HSV	125°, 100%, 52%
XYZ	8.4423, 16.7970, 3.0843
YIQ	79.2110, -39.7850, -66.4490

Conversions

Conversions Part 2

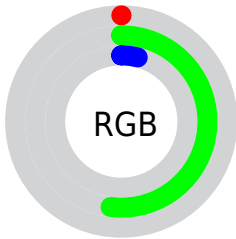
Format	Color
RYB	0, 124, 133
Decimal	34058
CIELab	48.00, -52.79, 49.38
CIELCh	48, 72.285, 136.908
Yxy	16.7970, 0.2981, 0.5930
Android (android.graphics.Color)	4278224138 (0xFF00850A)
YUV	79.2110, -34.1210, -69.4680
Hunter-Lab	40.9841, -34.9530, 24.2269

Details

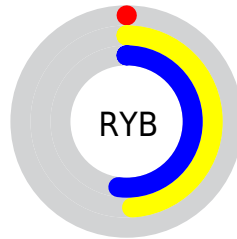
The Hex color **00850A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **85007B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **53BB45**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **00850A**, and if you desaturate by 10%, it is **0D8516**.

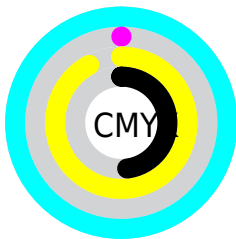
Distribution



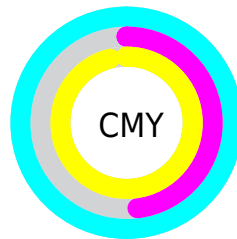
- Red (0%)
- Green (52%)
- Blue (4%)



- Red (0%)
- Yellow (49%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00850A 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 00850A by changing the saturation by 10% instead.

 00850A

 00850A

FFFFFF

 006B00

 53BB45

 005200

 70D860

 003900

 8DF47A

 002300

 AAF95

 000000

 C8FFB1

 E5FFCD

 FFFFEA

 00850A

 0D8516

 1B8523

 28852F

 35853B

 438548

 508554

 5D8560

 6A856C

 788579

Harmonies

Analogous

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



6A7A00



00850A



008A54

Triad

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



00850A



0081EA



DB2353

Complementary

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



00850A



85007B

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.



CF278F



00850A



006EE8

Square

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



00850A



008ACB



9E4EC6



C84715

Rectangle

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



00850A



008C7F



9E4EC6



DB1C67

Sweetspot

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



00850A



79AD7D



7C8500



37573A



D6D6D6



575757

Same Dimension

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



00850A



00AD0D



00854B



3C423C



00820A



000300

Inverse Universe

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



85007B



AD00A0



85003A



423C42



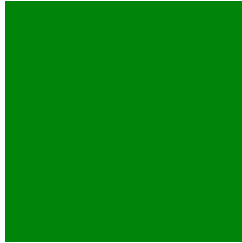
820078



030002

Previews

White Background



This preview shows how the Hex color 00850A looks on a white background.

Color Contrast Check

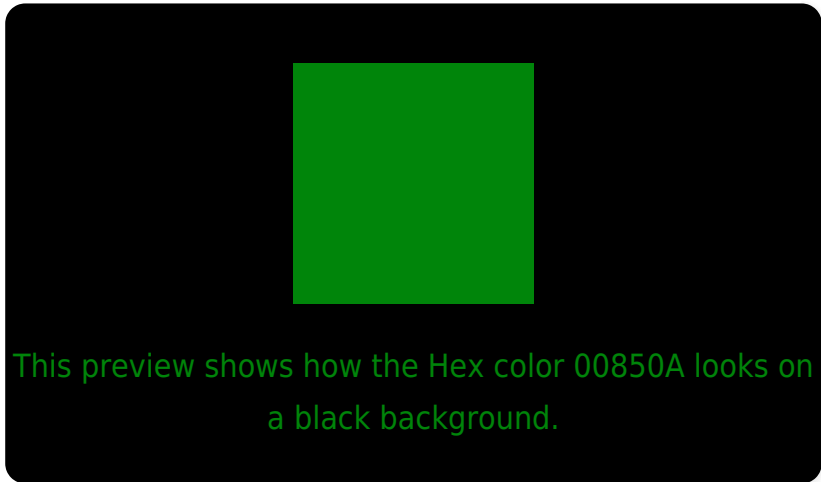
Large Text (above 18pt) WCAG AA ✓ Pass

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 00850A Background



This preview shows how black text looks on a background with the Hex color 00850A.



This preview shows how white text looks on a background with the Hex color 00850A.

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
387C86

Trichromacy



Original Color
00850A



Protanomaly
517904



Deuteranomaly
5B7517



Tritanomaly
247F59

Monochromacy



Original Color
00850A



Achromatopsia
4F4F4F



Achromatomaly
326336

CSS Examples

Text

The CSS property to change the color of the text to Hex 00850A 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 #00850A looks like.

```
.text, #text, p{  
    color:#00850A  
}
```

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 #00850A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00850A
}
```

Border

The CSS property to change the border of an element to Hex 00850A is called "border". The border property can be set on classes, ids or directly on the HTML element.

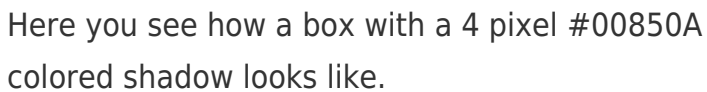
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00850A }
```

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

```
.border{ border-color:#00850A }
```

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



Here you see how a box with a 4 pixel #00850A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00850A; -webkit-box-shadow:4px 4px  
4px 4px #00850A; box-shadow:4px 4px 4px  
4px #00850A }
```

Background

The CSS property to change the background color of an element to Hex 00850A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00850A }
```

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

```
.background{ background-color:#00850A }
```

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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