

# Converting Colors

Hex(00885A)

Have a look what the booklet for  
Hex(00885A) contains.

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**Color**

**Hex(00885A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00885A
RGB	0, 136, 90
RGB Percent	0%, 53%, 35%
CMY	1.0000, 0.4667, 0.6471
CMYK	1.00, 0.00, 0.34, 0.47
HSL	160°, 100%, 27%
HSV	160°, 100%, 53%
XYZ	10.6496, 18.3465, 12.6528
YIQ	90.0920, -66.2900, -43.1380

# Conversions

## Conversions Part 2

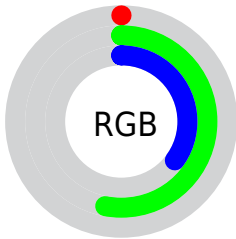
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 136
Decimal	34906
CIELab	49.91, -43.06, 16.05
CIELCh	50, 45.956, 159.563
Yxy	18.3465, 0.2557, 0.4405
Android (android.graphics.Color)	4278224986 (0xFF00885A)
YUV	90.0920, -0.0454, -79.0107
Hunter-Lab	42.8328, -30.5766, 12.4687

# Details

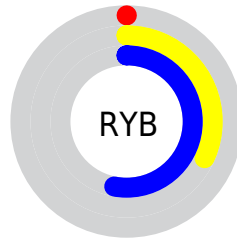
The Hex color **00885A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **88002E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51BE8C**, and **00552C** is the 20% darker color. If you saturate the color by 10%, you get **00885A**, and if you desaturate by 10%, it is **0E885F**.

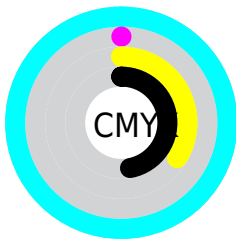
# Distribution



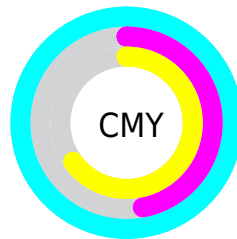
- Red (0%)
- Green (53%)
- Blue (35%)



- Red (0%)
- Yellow (32%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00885A 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 00885A by changing the saturation by 10% instead.



 00885A

 00885A

FFFFFF

 006E42

 51BE8C

 00552C

 6EDBA7

 003D17

 8BF7C2

 002800

 A8FFDE

 000000

 C5FFFB

 E2FFFF

 00885A

 0E885F

 1B8863

 298868

 36886C

 448871

 528876

 5F887A

 6D887F

 7A8883

# Harmonies

## Analogous

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



568237



00885A



008A82

# Triad

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



00885A



4477C4



B85C47

# Complementary

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



00885A



88002E

# 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.



BF536C



00885A



8967B3

# Square

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



00885A



0082C0



B05893



A26B2B

# Rectangle

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



00885A



00899C



B05893



BC5852



# Sweetspot

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



00885A



7BB09E



308800



39594E



D9D9D9



595959



# Same Dimension

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



00885A



00B074



007488



3E4543



008558



000503



# Inverse Universe

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



88002E



B0003C



881400



453E40



85002D



050002



# Previews

## White Background



This preview shows how the Hex color 00885A looks on a white background.

## Color Contrast Check

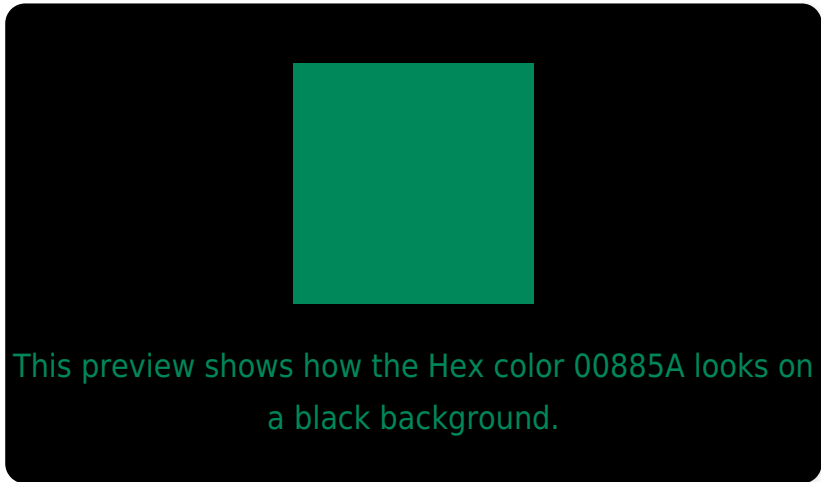
Large Text (above 18pt) WCAG AA ✓ Pass

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 00885A Background



This preview shows how black text looks on a background with the Hex color 00885A.



This preview shows how white text looks on a background with the Hex color 00885A.

# 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**  
00885A

**Protanopia**  
807652

**Deuteranopia**  
8A725F



**Tritanopia**  
2F828C

# Trichromacy



**Original Color**  
00885A



**Protanomaly**  
517D55



**Deuteranomaly**  
587A5D



**Tritanomaly**  
1E847A

# Monochromacy



**Original Color**  
00885A



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396B5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00885A 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 #00885A looks like.

```
.text, #text, p{  
    color:#00885A  
}
```

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 #00885A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00885A
}
```

## Border

The CSS property to change the border of an element to Hex 00885A 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
#00885A }
```

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

```
.border{ border-color:#00885A }
```

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

Here you see how a box with a 4 pixel #00885A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00885A; -webkit-box-shadow:4px 4px  
4px 4px #00885A; box-shadow:4px 4px 4px  
4px #00885A }
```

# Background

The CSS property to change the background color of an element to Hex 00885A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00885A }
```

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

```
.background{ background-color:#00885A }
```

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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