

Converting Colors

Hex(00854A)

Have a look what the booklet for
Hex(00854A) contains.

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Color

Hex(00854A)

Conversions

Conversions Part 1

Format	Color
Hex	00854A
RGB	0, 133, 74
RGB Percent	0%, 52%, 29%
CMY	1.0000, 0.4784, 0.7098
CMYK	1.00, 0.00, 0.44, 0.48
HSL	153°, 100%, 26%
HSV	153°, 100%, 52%
XYZ	9.6236, 17.2695, 9.3047
YIQ	86.5070, -60.3290, -46.5450

Conversions

Conversions Part 2

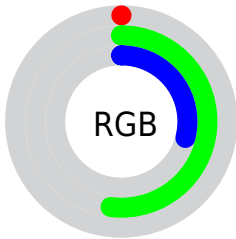
Format	Color
RYB	0, 85, 133
Decimal	34122
CIELab	48.60, -45.40, 23.28
CIELCh	49, 51.018, 152.848
Yxy	17.2695, 0.2659, 0.4771
Android (android.graphics.Color)	4278224202 (0xFF00854A)
YUV	86.5070, -6.1660, -75.8666
Hunter-Lab	41.5566, -31.3874, 15.8143

Details

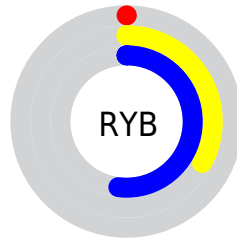
The Hex color **00854A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **85003B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50BB7B**, and **00521C** is the 20% darker color. If you saturate the color by 10%, you get **00854A**, and if you desaturate by 10%, it is **0D8550**.

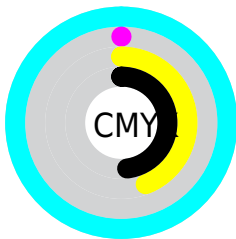
Distribution



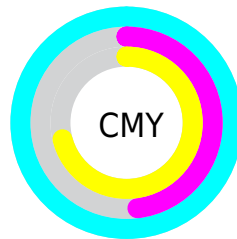
- Red (0%)
- Green (52%)
- Blue (29%)



- Red (0%)
- Yellow (33%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00854A 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 00854A by changing the saturation by 10% instead.

 00854A

 00854A

FFFFFF

 006B33

 50BB7B

 00521C

 6DD795

 003A05

 8AF4B0

 002400

 A6FFCC

 000000

 C3FFE8

 E1FFFF

FEFFFF

 00854A

 0D8550

 1B8556

 28855C

 358562

 438568

 50856D

 5D8573

 6A8579

 78857F

Harmonies

Analogous

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



5A7E24



00854A



008876

Triad

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



00854A



0077CA



BE5147

Complementary

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



00854A



85003B

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.



C04A71



00854A



7966BC

Square

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



00854A



0082C0



AB539C



A86224

Rectangle

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



00854A



008894



AB539C



C14D55

Sweetspot

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



00854A



79AD96



3C8500



375749



D6D6D6



575757

Same Dimension

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



00854A



00AD60



007E85



3C423F



008248



000301

Inverse Universe

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



85003B



AD004D



850700



423C3F



82003A



030001

Previews

White Background



This preview shows how the Hex color 00854A looks on a white background.

Color Contrast Check

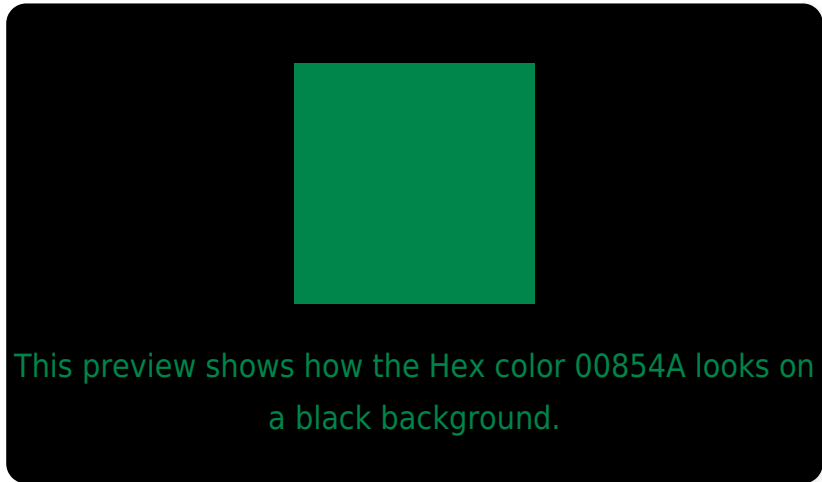
Large Text (above 18pt) WCAG AA ✓ Pass

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 00854A Background



This preview shows how black text looks on a background with the Hex color 00854A.

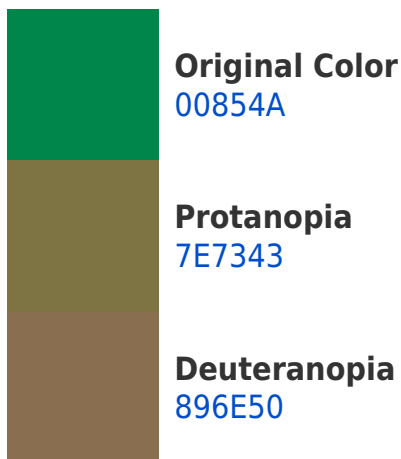


This preview shows how white text looks on a background with the Hex color 00854A.

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
317E88

Trichromacy



Original Color
00854A



Protanomaly
507A46



Deuteranomaly
57764E



Tritanomaly
1F8171

Monochromacy



Original Color
00854A



Achromatopsia
575757



Achromatomaly
376852

CSS Examples

Text

The CSS property to change the color of the text to Hex 00854A 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 #00854A looks like.

```
.text, #text, p{  
    color:#00854A  
}
```

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 #00854A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00854A
}
```

Border

The CSS property to change the border of an element to Hex 00854A 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
#00854A }
```

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

```
.border{ border-color:#00854A }
```

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

Here you see how a box with a 4 pixel #00854A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00854A; -webkit-box-shadow:4px 4px  
4px 4px #00854A; box-shadow:4px 4px 4px  
4px #00854A }
```

Background

The CSS property to change the background color of an element to Hex 00854A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00854A }
```

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

```
.background{ background-color:#00854A }
```

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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