

# Converting Colors

Hex(00855F)

Have a look what the booklet for  
Hex(00855F) contains.

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# Color

Hex(00855F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00855F
RGB	0, 133, 95
RGB Percent	0%, 52%, 37%
CMY	1.0000, 0.4784, 0.6275
CMYK	1.00, 0.00, 0.29, 0.48
HSL	163°, 100%, 26%
HSV	163°, 100%, 52%
XYZ	10.4531, 17.6013, 13.6729
YIQ	88.9010, -67.0700, -40.0140

# Conversions

## Conversions Part 2

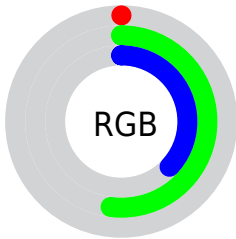
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 133
Decimal	34143
CIELab	49.01, -40.66, 11.93
CIELCh	49, 42.370, 163.644
Yxy	17.6013, 0.2505, 0.4218
Android (android.graphics.Color)	4278224223 (0xFF00855F)
YUV	88.9010, 3.0068, -77.9662
Hunter-Lab	41.9539, -28.9448, 10.0449

# Details

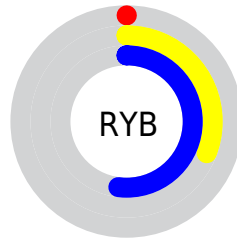
The Hex color **00855F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **850026**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **50BB92**, and **005231** is the 20% darker color. If you saturate the color by 10%, you get **00855F**, and if you desaturate by 10%, it is **0D8563**.

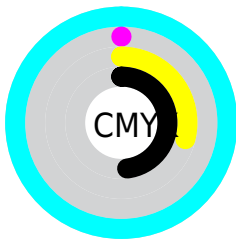
# Distribution



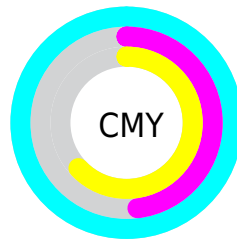
- Red (0%)
- Green (52%)
- Blue (37%)



- Red (0%)
- Yellow (31%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00855F 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 00855F by changing the saturation by 10% instead.



 00855F

 00855F

FFFFFF

 006B47

 50BB92

 005231

 6DD7AC

 003A1C

 8AF4C7

 002502

 A7FFE4

 000000

 C4FFFF

 E1FFFF

 00855F

 0D8563

 1B8567

 28856A

 35856E

 438572

 508576

 5D857A

 6A857D

 788581

# Harmonies

## Analogous

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



51803E



00855F



008684

# Triad

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



00855F



5373BA



AF5E44

# Complementary

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



00855F



850026

# 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.



B75565



00855F



8C64A9

# Square

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



00855F



007EB9



AC588A



996C2E

# Rectangle

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



00855F



00859B



AC588A



B45A4F



# Sweetspot

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



00855F



79AD9F



288500



37574E



D6D6D6



575757



# Same Dimension

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



00855F



00AD7C



006A85



3C4240



00825D



000302



# Inverse Universe

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



850026



AD0032



851B00



423C3E



820025



030001



# Previews

## White Background



This preview shows how the Hex color 00855F looks on a white background.

## Color Contrast Check

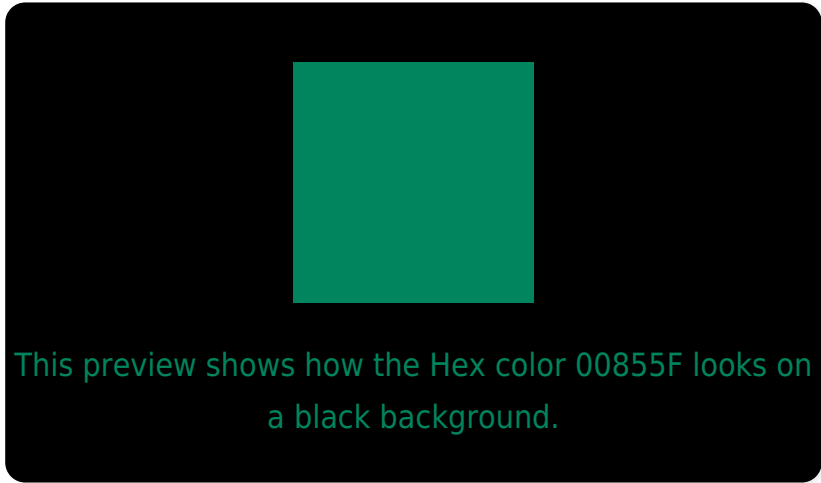
Large Text (above 18pt) WCAG AA ✓ Pass

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

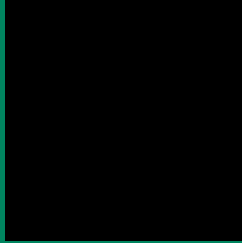
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00855F Background



This preview shows how black text looks on a background with the Hex color 00855F.

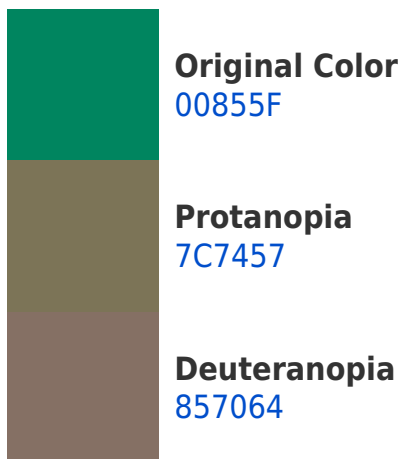


This preview shows how white text looks on a background with the Hex color 00855F.

# 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**  
2C7F8A

# Trichromacy



**Original Color**  
00855F



**Protanomaly**  
4F7A5A



**Deuteranomaly**  
557862



**Tritanomaly**  
1C817A

# Monochromacy



**Original Color**  
00855F



**Achromatopsia**  
595959



**Achromatomaly**  
39695B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00855F 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 #00855F looks like.

```
.text, #text, p{  
    color:#00855F  
}
```

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 #00855F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00855F
}
```

## Border

The CSS property to change the border of an element to Hex 00855F 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
#00855F }
```

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

```
.border{ border-color:#00855F }
```

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

Here you see how a box with a 4 pixel #00855F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00855F; -webkit-box-shadow:4px 4px  
4px 4px #00855F; box-shadow:4px 4px 4px  
4px #00855F }
```

# Background

The CSS property to change the background color of an element to Hex 00855F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00855F }
```

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

```
.background{ background-color:#00855F }
```

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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