

Converting Colors

Hex(00835B)

Have a look what the booklet for
Hex(00835B) contains.

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Color

Hex(00835B)

Conversions

Conversions Part 1

Format	Color
Hex	00835B
RGB	0, 131, 91
RGB Percent	0%, 51%, 36%
CMY	1.0000, 0.4863, 0.6431
CMYK	1.00, 0.00, 0.31, 0.49
HSL	162°, 100%, 26%
HSV	162°, 100%, 51%
XYZ	10.0046, 16.9879, 12.6492
YIQ	87.2710, -65.2360, -40.2120

Conversions

Conversions Part 2

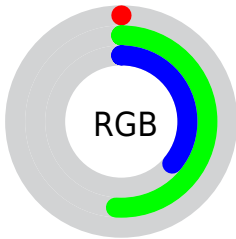
Format	Color
RYB	0, 77, 131
Decimal	33627
CIELab	48.24, -40.84, 13.18
CIELCh	48, 42.912, 162.115
Yxy	16.9879, 0.2524, 0.4285
Android (android.graphics.Color)	4278223707 (0xFF00835B)
YUV	87.2710, 1.8384, -76.5367
Hunter-Lab	41.2164, -28.8007, 10.6555

Details

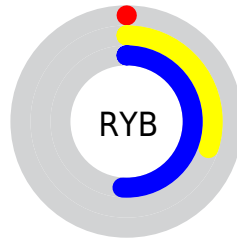
The Hex color **00835B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **830028**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B98D**, and **00502D** is the 20% darker color. If you saturate the color by 10%, you get **00835B**, and if you desaturate by 10%, it is **0D835F**.

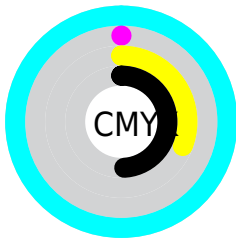
Distribution



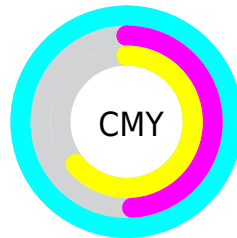
- Red (0%)
- Green (51%)
- Blue (36%)



- Red (0%)
- Yellow (30%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (64%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00835B 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 00835B by changing the saturation by 10% instead.



00835B



00835B

FFFFFF



006943



50B98D



00502D



6DD5A8



003818



89F2C3



002300



A6FFDF



000000



C3FFFC



E0FFFF



FEFFFF



00835B

 0D835F

 1A8363

 278367

 34836B

 42836F

 4F8373

 5C8377

 69837B

 76837F

Harmonies

Analogous

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



517E3A



00835B



008581

Triad

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



00835B



4C71B9



AF5B44

Complementary

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



00835B



830028

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.



B65365



00835B



8863A9

Square

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



00835B



007CB7



AA568A



99692C

Rectangle

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



00835B



008498



AA568A



B3574E

Sweetspot

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



00835B



78AB9B



298300



37574D



D6D6D6



575757

Same Dimension

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



00835B



00AB77



006B83



3C4240



00825A



000302

Inverse Universe

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



830028



AB0034



831800



423C3E



820028



030001

Previews

White Background



This preview shows how the Hex color 00835B looks on a white background.

Color Contrast Check

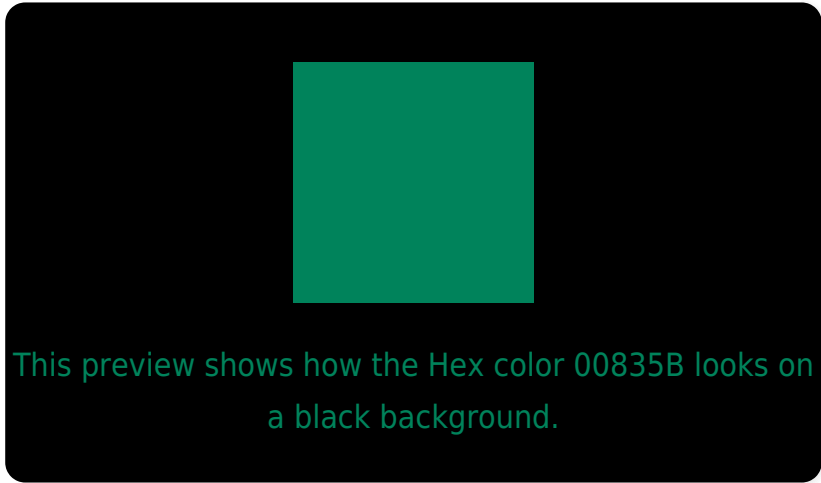
Large Text (above 18pt) WCAG AA ✓ Pass

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

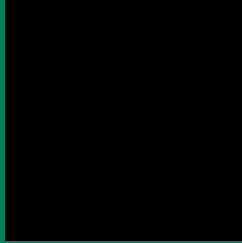
Any Text WCAG AA × Fail

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 00835B Background



This preview shows how black text looks on a background with the Hex color 00835B.

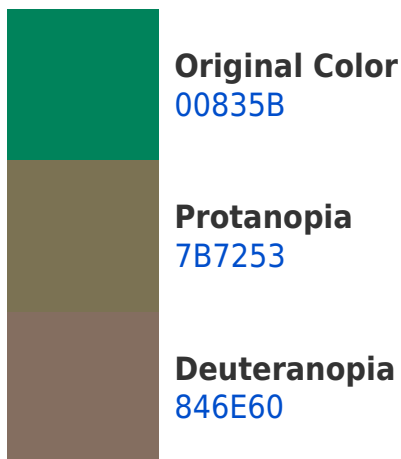


This preview shows how white text looks on a background with the Hex color 00835B.

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
2C7D88

Trichromacy



Original Color
00835B



Protanomaly
4E7856



Deuteranomaly
54765E



Tritanomaly
1C7F78

Monochromacy



Original Color
00835B



Achromatopsia
575757



Achromatomaly
376758

CSS Examples

Text

The CSS property to change the color of the text to Hex 00835B 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 #00835B looks like.

```
.text, #text, p{  
    color:#00835B  
}
```

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 #00835B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00835B
}
```

Border

The CSS property to change the border of an element to Hex 00835B 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
#00835B }
```

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

```
.border{ border-color:#00835B }
```

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

Here you see how a box with a 4 pixel #00835B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00835B; -webkit-box-shadow:4px 4px  
4px 4px #00835B; box-shadow:4px 4px 4px  
4px #00835B }
```

Background

The CSS property to change the background color of an element to Hex 00835B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00835B }
```

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

```
.background{ background-color:#00835B }
```

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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