

Converting Colors

Hex(008851)

Have a look what the booklet for
Hex(008851) contains.

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Color

Hex(008851)

Conversions

Conversions Part 1

Format	Color
Hex	008851
RGB	0, 136, 81
RGB Percent	0%, 53%, 32%
CMY	1.0000, 0.4667, 0.6824
CMYK	1.00, 0.00, 0.40, 0.47
HSL	156°, 100%, 27%
HSV	156°, 100%, 53%
XYZ	10.2894, 18.2024, 10.7557
YIQ	89.0660, -63.4010, -45.9370

Conversions

Conversions Part 2

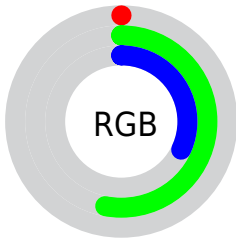
Format	Color
RYB	0, 85, 136
Decimal	34897
CIELab	49.74, -45.07, 20.89
CIELCh	50, 49.675, 155.128
Yxy	18.2024, 0.2622, 0.4638
Android (android.graphics.Color)	4278224977 (0xFF008851)
YUV	89.0660, -3.9765, -78.1109
Hunter-Lab	42.6643, -31.6135, 14.9179

Details

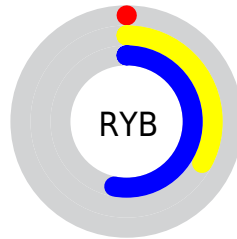
The Hex color **008851** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **880037**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51BE83**, and **005523** is the 20% darker color. If you saturate the color by 10%, you get **008851**, and if you desaturate by 10%, it is **0E8857**.

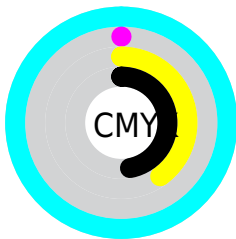
Distribution



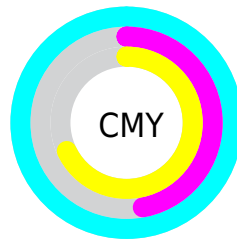
- Red (0%)
- Green (53%)
- Blue (32%)



- Red (0%)
- Yellow (33%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008851 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 008851 by changing the saturation by 10% instead.

 008851

 008851

FFFFFF

 006E3A

 51BE83

 005523

 6EDB9D

 003C0E

 8BF7B8

 002700

 A8FFD4

 000000

 C5FFF0

 E2FFFF

 008851

 0E8857

 1B885C

 298862

 368867

 44886D

 528872

 5F8878

 6D887D

 7A8883

Harmonies

Analogous

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



5A822C



008851



008B7D

Triad

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



008851



2079CB



BE5748

Complementary

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



008851



880037

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.



C24E71



008851



8168BC

Square

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



008851



0084C2



AF569B



A86727

Rectangle

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



008851



008A99



AF569B



C25255

Sweetspot

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



008851



7BB09B



398800



39594C



D9D9D9



595959

Same Dimension

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



008851



00B069



007D88



3E4542



00854F



000503

Inverse Universe

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



880037



B00047



880B00



453E41



850036



050002

Previews

White Background



This preview shows how the Hex color 008851 looks on a white background.

Color Contrast Check

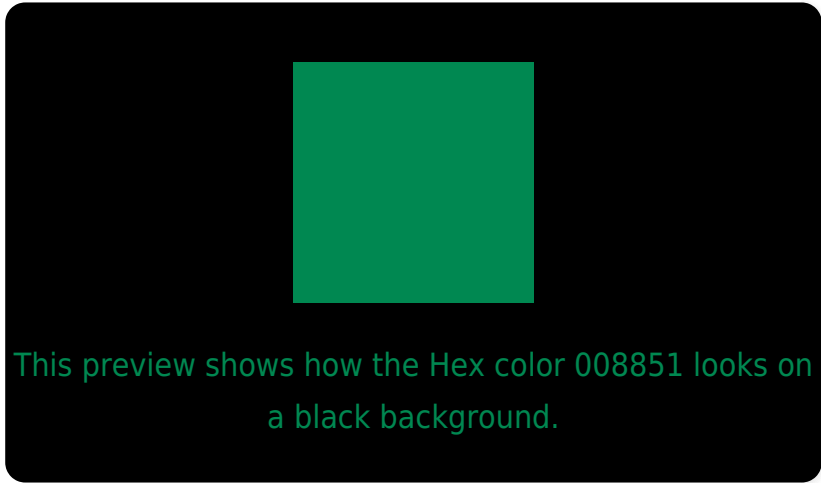
Large Text (above 18pt) WCAG AA ✓ Pass

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 008851 Background



This preview shows how black text looks on a background with the Hex color 008851.

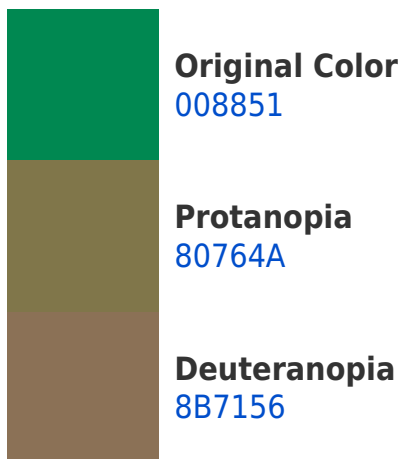



This preview shows how white text looks on a background with the Hex color 008851.

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
31818C

Trichromacy



Original Color
008851



Protanomaly
517D4D



Deuteranomaly
587954



Tritanomaly
1F8477

Monochromacy



Original Color
008851



Achromatopsia
595959



Achromatomaly
396A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 008851 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 #008851 looks like.

```
.text, #text, p{  
    color:#008851  
}
```

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 #008851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008851
}
```

Border

The CSS property to change the border of an element to Hex 008851 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
#008851 }
```

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

```
.border{ border-color:#008851 }
```

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

Here you see how a box with a 4 pixel #008851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008851; -webkit-box-shadow:4px 4px  
4px 4px #008851; box-shadow:4px 4px 4px  
4px #008851 }
```

Background

The CSS property to change the background color of an element to Hex 008851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008851 }
```

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

```
.background{ background-color:#008851 }
```

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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