

Converting Colors

Hex(008861)

Have a look what the booklet for
Hex(008861) contains.

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Color

Hex(008861)

Conversions

Conversions Part 1

Format	Color
Hex	008861
RGB	0, 136, 97
RGB Percent	0%, 53%, 38%
CMY	1.0000, 0.4667, 0.6196
CMYK	1.00, 0.00, 0.29, 0.47
HSL	163°, 100%, 27%
HSV	163°, 100%, 53%
XYZ	10.9618, 18.4714, 14.2968
YIQ	90.8900, -68.5370, -40.9610

Conversions

Conversions Part 2

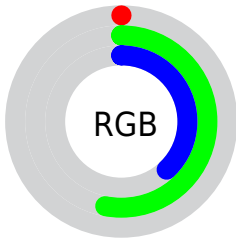
Format	Color
RYB	0, 79, 136
Decimal	34913
CIELab	50.06, -41.37, 12.25
CIELCh	50, 43.149, 163.510
Yxy	18.4714, 0.2507, 0.4224
Android (android.graphics.Color)	4278224993 (0xFF008861)
YUV	90.8900, 3.0122, -79.7105
Hunter-Lab	42.9784, -29.6849, 10.3619

Details

The Hex color **008861** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **880027**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **51BE94**, and **005532** is the 20% darker color. If you saturate the color by 10%, you get **008861**, and if you desaturate by 10%, it is **0E8865**.

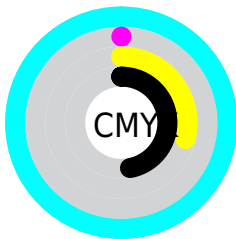
Distribution



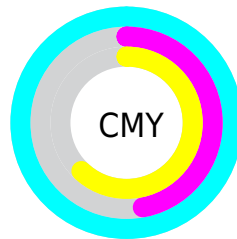
- Red (0%)
- Green (53%)
- Blue (38%)



- Red (0%)
- Yellow (31%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)




- Cyan (100%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008861 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 008861 by changing the saturation by 10% instead.

 008861

 008861

FFFFFF

 006E49

 51BE94

 005532

 6FDAAE

 003D1D

 8BF7CA

 002805

 A8FFE6

 000000

 C5FFFF

 E3FFFF

 008861

 0E8865

 1B8869

 29886D

 368871

 448875

 528878

 5F887C

 6D8880

 7A8884

Harmonies

Analogous

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



53833F



008861



008987

Triad

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



008861



5575BE



B36046

Complementary

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



008861



880027

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.



BB5768



008861



8F67AD

Square

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



008861



0081BD



B05A8D



9D6E2F

Rectangle

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



008861



00889F



B05A8D



B85C51

Sweetspot

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



008861



7BB0A1



298800



395950



D9D9D9



595959

Same Dimension

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



008861



00B07D



006D88



3E4543



00855F



000504

Inverse Universe

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



880027



B00032



881B00



453E40



850026



050001

Previews

White Background



This preview shows how the Hex color 008861 looks on a white background.

Color Contrast Check

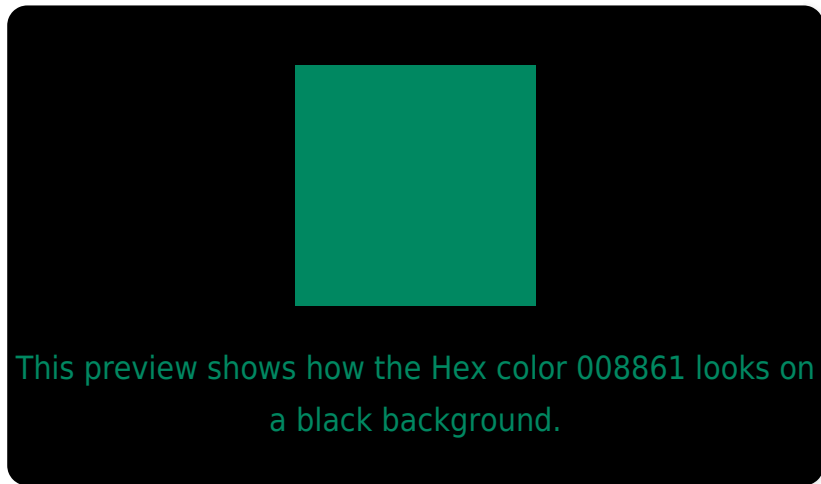
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 008861 Background



This preview shows how black text looks on a background with the Hex color 008861.

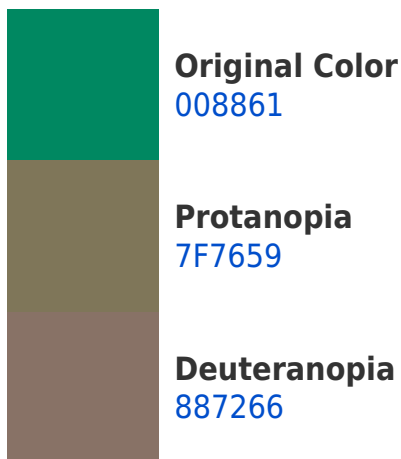



This preview shows how white text looks on a background with the Hex color 008861.

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
2D828D

Trichromacy



Original Color
008861



Protanomaly
517D5C



Deuteranomaly
577A64



Tritanomaly
1D847D

Monochromacy



Original Color
008861



Achromatopsia
5B5B5B



Achromatomaly
3A6B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 008861 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 #008861 looks like.

```
.text, #text, p{  
    color:#008861  
}
```

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 #008861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008861
}
```

Border

The CSS property to change the border of an element to Hex 008861 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
#008861 }
```

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

```
.border{ border-color:#008861 }
```

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

Here you see how a box with a 4 pixel #008861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008861; -webkit-box-shadow:4px 4px  
4px 4px #008861; box-shadow:4px 4px 4px  
4px #008861 }
```

Background

The CSS property to change the background color of an element to Hex 008861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008861 }
```

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

```
.background{ background-color:#008861 }
```

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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