

Converting Colors

Hex(008261)

Have a look what the booklet for
Hex(008261) contains.

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Color

Hex(008261)

Conversions

Conversions Part 1

Format	Color
Hex	008261
RGB	0, 130, 97
RGB Percent	0%, 51%, 38%
CMY	1.0000, 0.4902, 0.6196
CMYK	1.00, 0.00, 0.25, 0.49
HSL	165°, 100%, 25%
HSV	165°, 100%, 51%
XYZ	10.1403, 16.8283, 14.0230
YIQ	87.3680, -66.8870, -37.8230

Conversions

Conversions Part 2

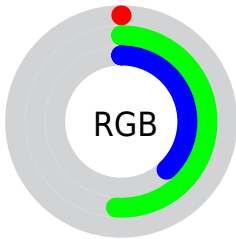
Format	Color
RYB	0, 74, 130
Decimal	33377
CIELab	48.04, -38.91, 9.42
CIELCh	48, 40.030, 166.392
Yxy	16.8283, 0.2474, 0.4105
Android (android.graphics.Color)	4278223457 (0xFF008261)
YUV	87.3680, 4.7486, -76.6217
Hunter-Lab	41.0223, -27.6658, 8.4481

Details

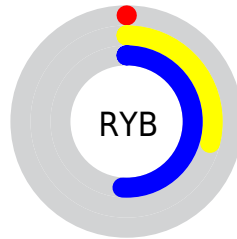
The Hex color **008261** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **820021**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B894**, and **004F33** is the 20% darker color. If you saturate the color by 10%, you get **008261**, and if you desaturate by 10%, it is **0D8264**.

Distribution



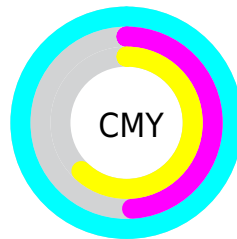
- Red (0%)
- Green (51%)
- Blue (38%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (62%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color 008261 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 008261 by changing the saturation by 10% instead.

 008261

 008261

FFFFFF

 006849


 50B894

 004F33

 6DD4AE

 00371D

 89F0CA

 002305

 A6FFE6

 000000

 C3FFFF

 E0FFFF

FEFFFF

 008261

 0D8264

 1A8268

 27826B

 34826E

 418272

 4E8275

 5B8278

 68827B

 75827F

Harmonies

Analogous

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



4D7E42



008261



008384

Triad

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



008261



5A6FB3



A95E42

Complementary

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



008261



820021

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.



B15661



008261



8C62A1

Square

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



008261



007AB3



A95783



936B2F

Rectangle

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



008261



008299



A95783



AD5B4C

Sweetspot

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



008261



76A89B



238200



36544C



D4D4D4



545454

Same Dimension

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



008261



00A87E



006482



39403E



00805F



000000

Inverse Universe

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



820021



A8002B



821E00



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 008261 looks on a white background.

Color Contrast Check

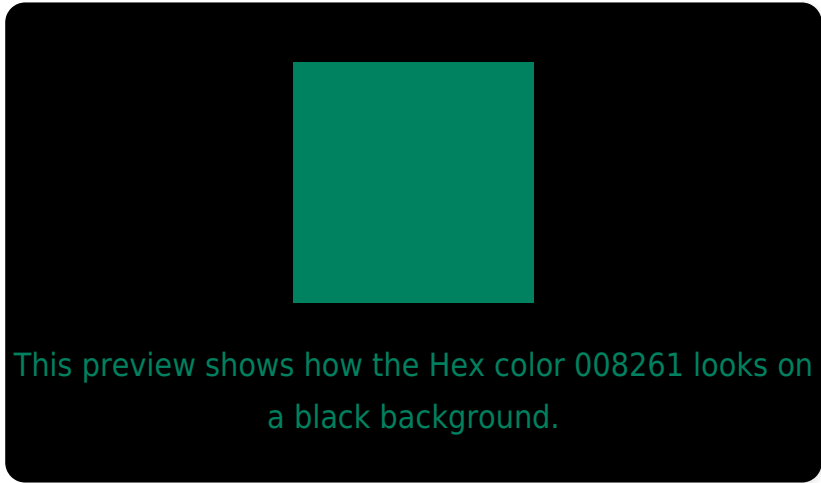
Large Text (above 18pt) WCAG AA ✓ Pass

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

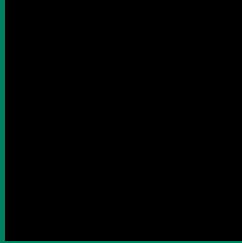
Any Text WCAG AA × Fail

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 008261 Background



This preview shows how black text looks on a background with the Hex color 008261.

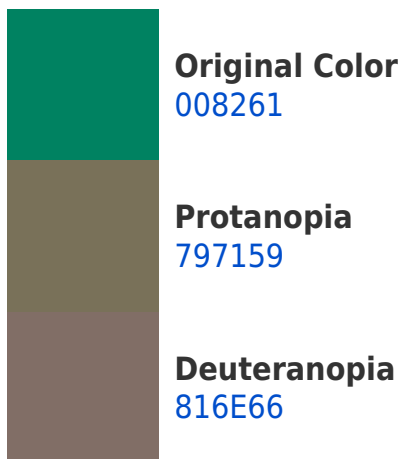


This preview shows how white text looks on a background with the Hex color 008261.

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
2A7D87

Trichromacy



Original Color
008261



Protanomaly
4D775C



Deuteranomaly
527564



Tritanomaly
1B7F79

Monochromacy



Original Color
008261



Achromatopsia
575757



Achromatomaly
37675B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008261 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 #008261 looks like.

```
.text, #text, p{  
    color:#008261  
}
```

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 #008261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008261
}
```

Border

The CSS property to change the border of an element to Hex 008261 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
#008261 }
```

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

```
.border{ border-color:#008261 }
```

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

Here you see how a box with a 4 pixel #008261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008261; -webkit-box-shadow:4px 4px  
4px 4px #008261; box-shadow:4px 4px 4px  
4px #008261 }
```

Background

The CSS property to change the background color of an element to Hex 008261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008261 }
```

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

```
.background{ background-color:#008261 }
```

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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