

Converting Colors

Hex(008761)

Have a look what the booklet for
Hex(008761) contains.

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Color

Hex(008761)

Conversions

Conversions Part 1

Format	Color
Hex	008761
RGB	0, 135, 97
RGB Percent	0%, 53%, 38%
CMY	1.0000, 0.4706, 0.6196
CMYK	1.00, 0.00, 0.28, 0.47
HSL	163°, 100%, 26%
HSV	163°, 100%, 53%
XYZ	10.8216, 18.1910, 14.2501
YIQ	90.3030, -68.2620, -40.4380

Conversions

Conversions Part 2

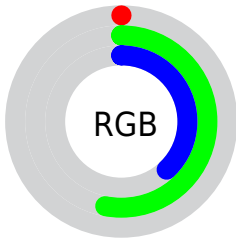
Format	Color
RYB	0, 79, 135
Decimal	34657
CIELab	49.73, -40.97, 11.78
CIELCh	50, 42.628, 163.958
Yxy	18.1910, 0.2501, 0.4205
Android (android.graphics.Color)	4278224737 (0xFF008761)
YUV	90.3030, 3.3016, -79.1957
Hunter-Lab	42.6509, -29.3491, 10.0462

Details

The Hex color **008761** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **870026**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **51BD94**, and **005433** is the 20% darker color. If you saturate the color by 10%, you get **008761**, and if you desaturate by 10%, it is **0D8765**.

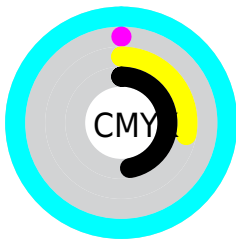
Distribution



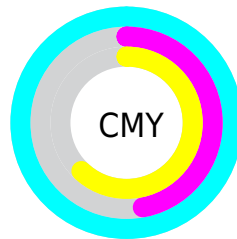
- Red (0%)
- Green (53%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008761 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 008761 by changing the saturation by 10% instead.

 008761

 008761

FFFFFF

 006D49

 51BD94

 005433

 6ED9AE

 003C1D

 8BF6CA

 002705

 A8FFE6

 000000

 C5FFFF

 E2FFFF

 008761


 0D8765

 1B8769

 29876C

 368770

 448774

 518778

 5E877C

 6C877F

 7A8783

Harmonies

Analogous

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



528240



008761



008887

Triad

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



008761



5674BD



B26046

Complementary

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



008761



870026

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.



BA5767



008761



8E66AB

Square

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



008761



0080BB



AF5A8B



9B6D2F

Rectangle

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



008761



00879E



AF5A8B



B65C50

Sweetspot

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



008761



7BB0A1



268700



395950



D9D9D9



595959

Same Dimension

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



008761



00B07E



006A87



3C4240



00825D



000302

Inverse Universe

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



870026



B00032



871D00



423C3E



820025



030001

Previews

White Background



This preview shows how the Hex color 008761 looks on a white background.

Color Contrast Check

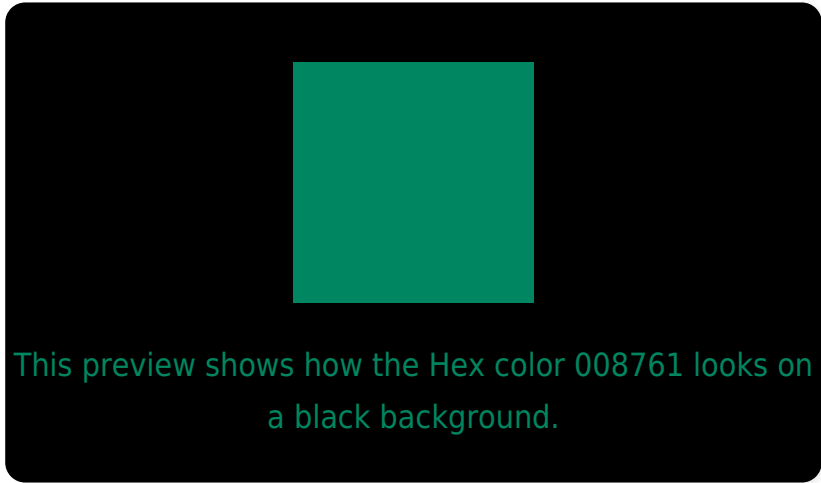
Large Text (above 18pt) WCAG AA ✓ Pass

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

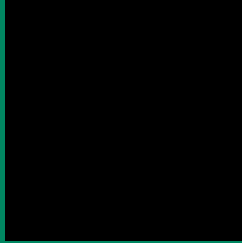
Any Text WCAG AA ✓ Pass

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 008761 Background



This preview shows how black text looks on a background with the Hex color 008761.



This preview shows how white text looks on a background with the Hex color 008761.

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



Original Color
008761

Protanopia
7E7659

Deuteranopia
877166



Tritanopia
2D818C

Trichromacy



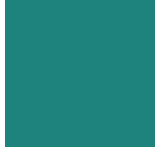
Original Color
008761



Protanomaly
507C5C



Deuteranomaly
567964



Tritanomaly
1D837C

Monochromacy



Original Color
008761



Achromatopsia
5A5A5A



Achromatomaly
396A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 008761 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 #008761 looks like.

```
.text, #text, p{  
    color:#008761  
}
```

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 #008761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008761
}
```

Border

The CSS property to change the border of an element to Hex 008761 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
#008761 }
```

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

```
.border{ border-color:#008761 }
```

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

Here you see how a box with a 4 pixel #008761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008761; -webkit-box-shadow:4px 4px  
4px 4px #008761; box-shadow:4px 4px 4px  
4px #008761 }
```

Background

The CSS property to change the background color of an element to Hex 008761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008761 }
```

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

```
.background{ background-color:#008761 }
```

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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