

Converting Colors

Hex(008759)

Have a look what the booklet for
Hex(008759) contains.

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Color

Hex(008759)

Conversions

Conversions Part 1

Format	Color
Hex	008759
RGB	0, 135, 89
RGB Percent	0%, 53%, 35%
CMY	1.0000, 0.4706, 0.6510
CMYK	1.00, 0.00, 0.34, 0.47
HSL	160°, 100%, 26%
HSV	160°, 100%, 53%
XYZ	10.4671, 18.0492, 12.3834
YIQ	89.3910, -65.6940, -42.9260

Conversions

Conversions Part 2

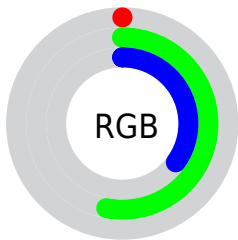
Format	Color
RYB	0, 81, 135
Decimal	34649
CIELab	49.56, -42.91, 16.13
CIELCh	50, 45.836, 159.400
Yxy	18.0492, 0.2559, 0.4413
Android (android.graphics.Color)	4278224729 (0xFF008759)
YUV	89.3910, -0.1928, -78.3959
Hunter-Lab	42.4844, -30.3695, 12.4572

Details

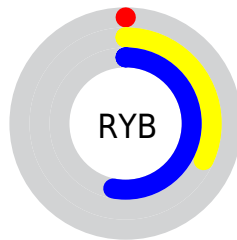
The Hex color **008759** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87002E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51BD8B**, and **00542B** is the 20% darker color. If you saturate the color by 10%, you get **008759**, and if you desaturate by 10%, it is **0D875E**.

Distribution



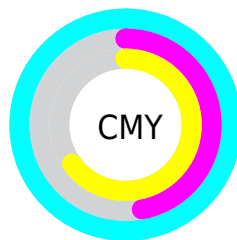
- Red (0%)
- Green (53%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008759 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 008759 by changing the saturation by 10% instead.

 008759

 008759

FFFFFF

 006D41

 51BD8B

 00542B

 6ED9A6

 003C16

 8BF6C1

 002700

 A7FFDD

 000000

 C4FFF9

 E2FFFF

 008759

 0D875E

 1B8762

 298767

 36876B

 448770

 518775

 5E8779

 6C877E

 7A8782

Harmonies

Analogous

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



568136



008759



008981

Triad

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



008759



4276C3



B75B46

Complementary

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



008759



87002E

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.



BD536B



008759



8866B2

Square

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



008759



0081BE



AE5892



A16A2B

Rectangle

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



008759



00889B



AE5892



BB5752

Sweetspot

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



008759



7BB09E



2F8700



39594E



D9D9D9



595959

Same Dimension

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



008759



00B074



007387



3C4240



008256



000302

Inverse Universe

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



87002E



B0003C



871400



423C3E



82002C



030001

Previews

White Background



This preview shows how the Hex color 008759 looks on a white background.

Color Contrast Check

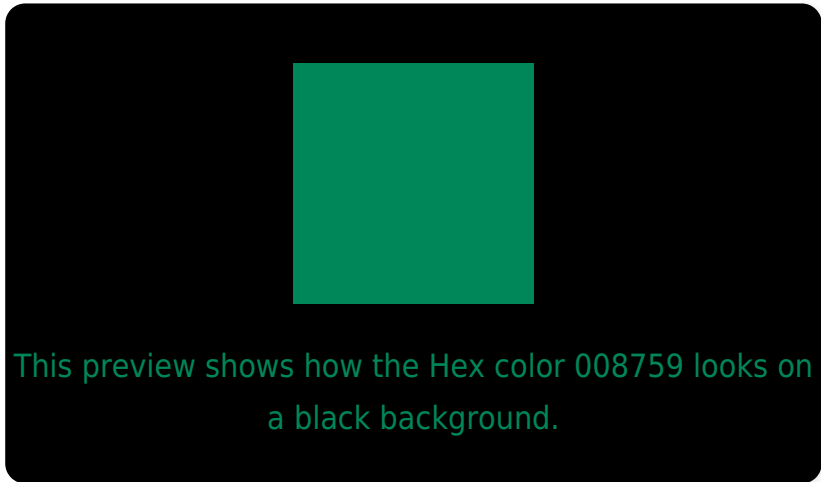
Large Text (above 18pt) WCAG AA ✓ Pass

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 008759 Background



This preview shows how black text looks on a background with the Hex color 008759.



This preview shows how white text looks on a background with the Hex color 008759.

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
008759

Protanopia
7F7551

Deuteranopia
89715E



Tritanopia
2F818B

Trichromacy



Original Color
008759



Protanomaly
517C54



Deuteranomaly
57795C



Tritanomaly
1E8379

Monochromacy



Original Color
008759



Achromatopsia
595959



Achromatomaly
396A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 008759 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 #008759 looks like.

```
.text, #text, p{  
    color:#008759  
}
```

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 #008759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008759
}
```

Border

The CSS property to change the border of an element to Hex 008759 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
#008759 }
```

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

```
.border{ border-color:#008759 }
```

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

Here you see how a box with a 4 pixel #008759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008759; -webkit-box-shadow:4px 4px  
4px 4px #008759; box-shadow:4px 4px 4px  
4px #008759 }
```

Background

The CSS property to change the background color of an element to Hex 008759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008759 }
```

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

```
.background{ background-color:#008759 }
```

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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