

Converting Colors

Hex(008E59)

Have a look what the booklet for
Hex(008E59) contains.

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Color

Hex(008E59)

Conversions

Conversions Part 1

Format	Color
Hex	008E59
RGB	0, 142, 89
RGB Percent	0%, 56%, 35%
CMY	1.0000, 0.4431, 0.6510
CMYK	1.00, 0.00, 0.37, 0.44
HSL	158°, 100%, 28%
HSV	158°, 100%, 56%
XYZ	11.4762, 20.0673, 12.7197
YIQ	93.5000, -67.6190, -46.5870

Conversions

Conversions Part 2

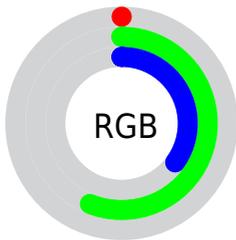
Format	Color
RYB	0, 87, 142
Decimal	36441
CIELab	51.91, -45.60, 19.32
CIELCh	52, 49.526, 157.036
Yxy	20.0673, 0.2593, 0.4534
Android (android.graphics.Color)	4278226521 (0xFF008E59)
YUV	93.5000, -2.2185, -81.9995
Hunter-Lab	44.7965, -32.6649, 14.5225

Details

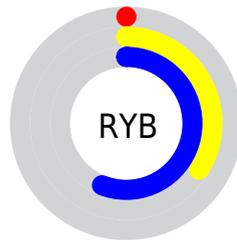
The Hex color **008E59** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8E0035**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53C58B**, and **005A2B** is the 20% darker color. If you saturate the color by 10%, you get **008E59**, and if you desaturate by 10%, it is **0E8E5E**.

Distribution



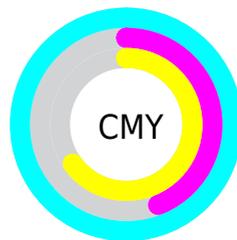
- Red (0%)
- Green (56%)
- Blue (35%)



- Red (0%)
- Yellow (34%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E59 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 008E59 by changing the saturation by 10% instead.

 008E59

 008E59

FFFFFF

 007441

 53C58B

 005A2B

 70E1A6

 004215

 8DFEC1

 002C00

 AAFFDD

 000D00

 C7FFFA

 000000

 E5FFFF

 008E59

 0E8E5E

 1C8E64

 2B8E69

 398E6E

 478E73

 558E79

 638E7E

 728E83

 808E89

Harmonies

Analogous

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



5C8834



008E59



009085

Triad

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



008E59



367DD0



C45D4B

Complementary

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



008E59



8E0035

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.



C95573



008E59



8B6CC0

Square

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



008E59



0089C9



B75B9E



AD6E2B

Rectangle

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



008E59



0090A1



B75B9E



C85958

Sweetspot

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



008E59



81B8A3



368E00



3B5C4F



DBDBDB



5C5C5C

Same Dimension

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



008E59



00B873



007D8E



404745



008755



000805

Inverse Universe

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



8E0035



B80045



8E1100



474043



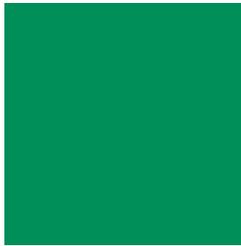
870032



080003

Previews

White Background



This preview shows how the Hex color 008E59 looks on a white background.

Color Contrast Check

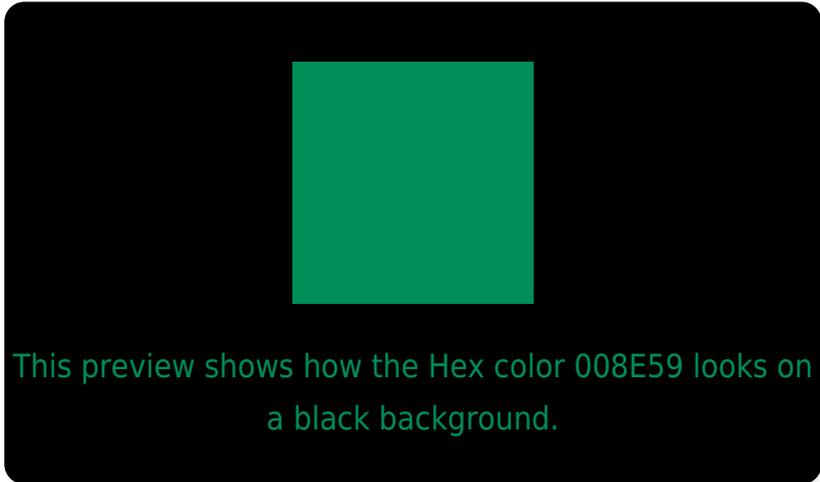
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E59 Background



This preview shows how black text looks on a background with the Hex color 008E59.

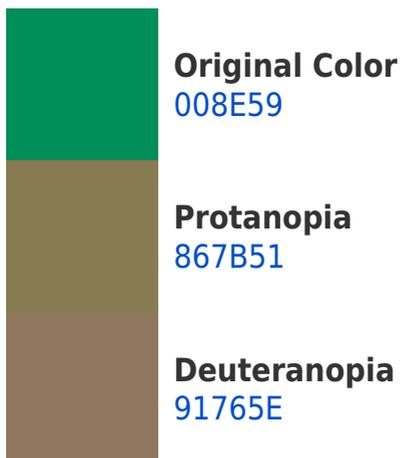


This preview shows how white text looks on a background with the Hex color 008E59.

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
338792

Trichromacy



Original Color
008E59



Protanomaly
558254



Deuteranomaly
5C7F5C



Tritanomaly
208A7D

Monochromacy



Original Color
008E59



Achromatopsia
5E5E5E



Achromatomaly
3C6F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E59 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 #008E59 looks like.

```
.text, #text, p{  
    color:#008E59  
}
```

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 #008E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E59
}
```

Border

The CSS property to change the border of an element to Hex 008E59 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
#008E59 }
```

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

```
.border{ border-color:#008E59 }
```

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

Here you see how a box with a 4 pixel #008E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E59; -webkit-box-shadow:4px 4px  
4px 4px #008E59; box-shadow:4px 4px 4px  
4px #008E59 }
```

Background

The CSS property to change the background color of an element to Hex 008E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E59 }
```

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

```
.background{ background-color:#008E59 }
```

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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