

Converting Colors

Hex(008E49)

Have a look what the booklet for
Hex(008E49) contains.

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Color

Hex(008E49)

Conversions

Conversions Part 1

Format	Color
Hex	008E49
RGB	0, 142, 73
RGB Percent	0%, 56%, 29%
CMY	1.0000, 0.4431, 0.7137
CMYK	1.00, 0.00, 0.49, 0.44
HSL	151°, 100%, 28%
HSV	151°, 100%, 56%
XYZ	10.8756, 19.8270, 9.5571
YIQ	91.6760, -62.4830, -51.5630

Conversions

Conversions Part 2

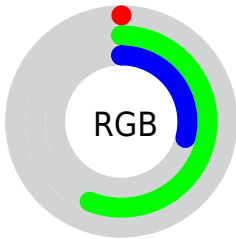
Format	Color
RYB	0, 94, 142
Decimal	36425
CIELab	51.64, -48.82, 27.74
CIELCh	52, 56.147, 150.393
Yxy	19.8270, 0.2701, 0.4925
Android (android.graphics.Color)	4278226505 (0xFF008E49)
YUV	91.6760, -9.2073, -80.3999
Hunter-Lab	44.5276, -34.3257, 18.4436

Details

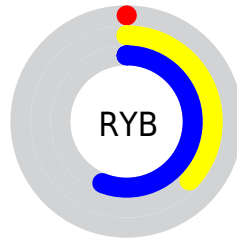
The Hex color **008E49** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8E0045**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53C57B**, and **005A1B** is the 20% darker color. If you saturate the color by 10%, you get **008E49**, and if you desaturate by 10%, it is **0E8E50**.

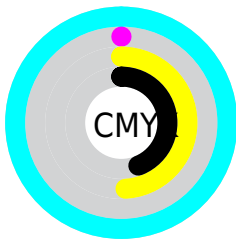
Distribution



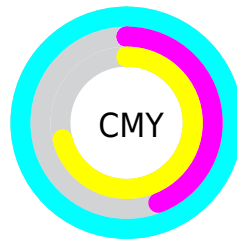
- Red (0%)
- Green (56%)
- Blue (29%)



- Red (0%)
- Yellow (37%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)




- Cyan (100%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E49 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 008E49 by changing the saturation by 10% instead.

 008E49

 008E49

FFFFFF

 007431

 53C57B

 005A1B

 71E195

 004102

 8DFEB0

 002C00

 AAFFCB

 000B00

 C8FFE8

 000000

 E5FFFF

 008E49

 0E8E50

 1C8E57

 2B8E5E

 398E65

 478E6C

 558E72

 638E79

 728E80

 808E87

Harmonies

Analogous

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



62861E



008E49



00917A

Triad

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



008E49



0081DB



CE534D

Complementary

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



008E49



8E0045

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.



CF4B7C



008E49



7B6ECE

Square

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



008E49



008CCE



B558AB



B76625

Rectangle

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



008E49



00929B



B558AB



D14E5D

Sweetspot

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



008E49



81B89D



478E00



3B5C4C



DBDBDB



5C5C5C

Same Dimension

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



008E49



00B85E



008E8E



404744



008745



000804

Inverse Universe

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



8E0045



B80059



8E0000



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 008E49 looks on a white background.

Color Contrast Check

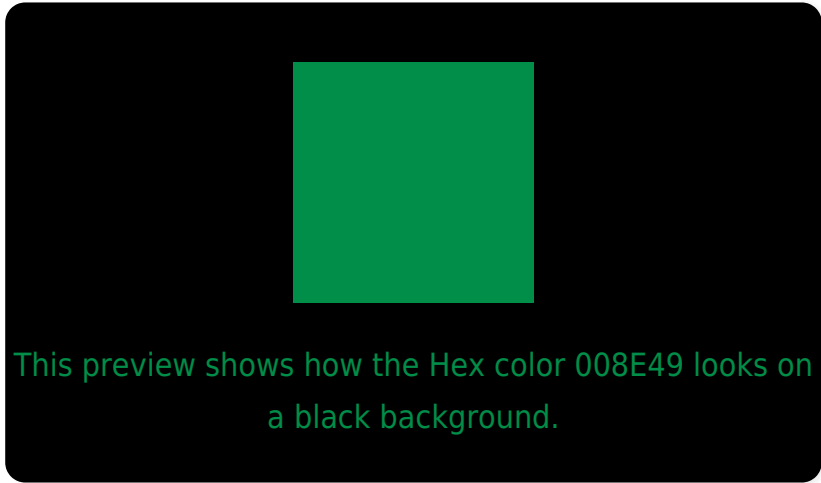
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E49 Background



This preview shows how black text looks on a background with the Hex color 008E49.



This preview shows how white text looks on a background with the Hex color 008E49.

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
008E49

Protanopia
877B42

Deuteranopia
93754F



Tritanopia
368691

Trichromacy



Original Color
008E49



Protanomaly
568245



Deuteranomaly
5E7E4D



Tritanomaly
228977

Monochromacy



Original Color
008E49



Achromatopsia
5C5C5C



Achromatomaly
3B6E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E49 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 #008E49 looks like.

```
.text, #text, p{  
    color:#008E49  
}
```

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 #008E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E49
}
```

Border

The CSS property to change the border of an element to Hex 008E49 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
#008E49 }
```

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

```
.border{ border-color:#008E49 }
```

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

Here you see how a box with a 4 pixel #008E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E49; -webkit-box-shadow:4px 4px  
4px 4px #008E49; box-shadow:4px 4px 4px  
4px #008E49 }
```

Background

The CSS property to change the background color of an element to Hex 008E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E49 }
```

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

```
.background{ background-color:#008E49 }
```

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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