

Converting Colors

Hex(008F49)

Have a look what the booklet for
Hex(008F49) contains.

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Color

Hex(008F49)

Conversions

Conversions Part 1

Format	Color
Hex	008F49
RGB	0, 143, 73
RGB Percent	0%, 56%, 29%
CMY	1.0000, 0.4392, 0.7137
CMYK	1.00, 0.00, 0.49, 0.44
HSL	151°, 100%, 28%
HSV	151°, 100%, 56%
XYZ	11.0251, 20.1260, 9.6069
YIQ	92.2630, -62.7580, -52.0860

Conversions

Conversions Part 2

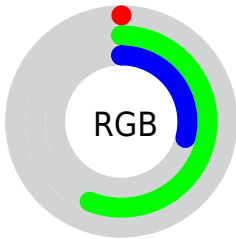
Format	Color
RYB	0, 95, 143
Decimal	36681
CIELab	51.98, -49.17, 28.17
CIELCh	52, 56.665, 150.191
Yxy	20.1260, 0.2705, 0.4938
Android (android.graphics.Color)	4278226761 (0xFF008F49)
YUV	92.2630, -9.4967, -80.9147
Hunter-Lab	44.8620, -34.6411, 18.7067

Details

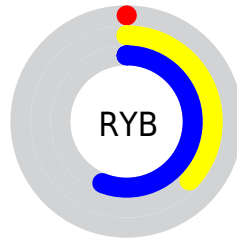
The Hex color **008F49** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8F0046**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53C67B**, and **005B1A** is the 20% darker color. If you saturate the color by 10%, you get **008F49**, and if you desaturate by 10%, it is **0E8F50**.

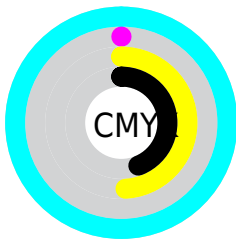
Distribution



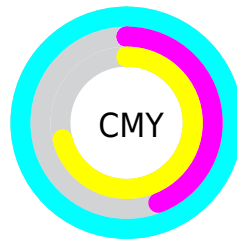
- Red (0%)
- Green (56%)
- Blue (29%)



- 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 008F49 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 008F49 by changing the saturation by 10% instead.

 008F49

 008F49

FFFFFF

 007531

 53C67B

 005B1A

 71E295

 004202

 8EFFB0

 002D00

 ABFFCC

 000D00

 C8FFE8

 000000

 E6FFFF

 008F49

 0E8F50

 1D8F57

 2B8F5E


 398F65

 488F6C

 568F73

 648F7A

 728F81

 818F88

Harmonies

Analogous

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



63871D



008F49



00927B

Triad

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



008F49



0082DD



D0534E

Complementary

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



008F49



8F0046

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.



D14C7E



008F49



7B6FD0

Square

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



008F49



008DD0



B659AD



B96725

Rectangle

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



008F49



00939C



B659AD



D34E5D

Sweetspot

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



008F49



82BA9F



488F00



3C5E4E



DEDEDE



5E5E5E

Same Dimension

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



008F49



00BA5F



008F8F



404744



008745



000804

Inverse Universe

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



8F0046



BA005B



8F0000



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 008F49 looks on a white background.

Color Contrast Check

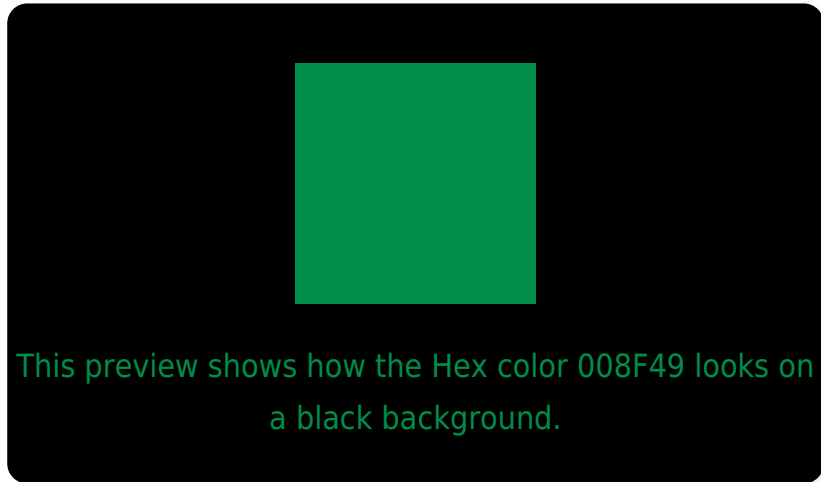
Large Text (above 18pt) WCAG AA ✓ Pass

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 008F49 Background



This preview shows how black text looks on a background with the Hex color 008F49.



This preview shows how white text looks on a background with the Hex color 008F49.

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
008F49

Protanopia
887B42

Deuteranopia
95764F



Tritanopia
368792

Trichromacy



Original Color
008F49



Protanomaly
578245



Deuteranomaly
5F7F4D



Tritanomaly
228A77

Monochromacy



Original Color
008F49



Achromatopsia
5C5C5C



Achromatomaly
3B6F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 008F49 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 #008F49 looks like.

```
.text, #text, p{  
    color:#008F49  
}
```

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 #008F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F49
}
```

Border

The CSS property to change the border of an element to Hex 008F49 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
#008F49 }
```

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

```
.border{ border-color:#008F49 }
```

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

Here you see how a box with a 4 pixel #008F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F49; -webkit-box-shadow:4px 4px  
4px 4px #008F49; box-shadow:4px 4px 4px  
4px #008F49 }
```

Background

The CSS property to change the background color of an element to Hex 008F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F49 }
```

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

```
.background{ background-color:#008F49 }
```

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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