

Converting Colors

Hex(008949)

Have a look what the booklet for
Hex(008949) contains.

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Color

Hex(008949)

Conversions

Conversions Part 1

Format	Color
Hex	008949
RGB	0, 137, 73
RGB Percent	0%, 54%, 29%
CMY	1.0000, 0.4627, 0.7137
CMYK	1.00, 0.00, 0.47, 0.46
HSL	152°, 100%, 27%
HSV	152°, 100%, 54%
XYZ	10.1483, 18.3724, 9.3147
YIQ	88.7410, -61.1080, -48.9480

Conversions

Conversions Part 2

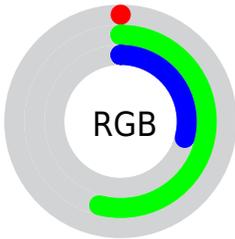
Format	Color
RYB	0, 89, 137
Decimal	35145
CIELab	49.94, -47.04, 25.57
CIELCh	50, 53.542, 151.470
Yxy	18.3724, 0.2682, 0.4856
Android (android.graphics.Color)	4278225225 (0xFF008949)
YUV	88.7410, -7.7603, -77.8259
Hunter-Lab	42.8630, -32.7485, 17.1196

Details

The Hex color **008949** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **890040**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51C07B**, and **00561B** is the 20% darker color. If you saturate the color by 10%, you get **008949**, and if you desaturate by 10%, it is **0E894F**.

Distribution



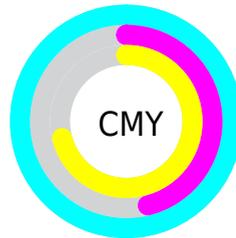
- Red (0%)
- Green (54%)
- Blue (29%)



- Red (0%)
- Yellow (35%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008949 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 008949 by changing the saturation by 10% instead.

 008949

 008949

FFFFFF

 006F32

 51C07B

 00561B

 6FDC95

 003D03

 8BF9AF

 002800

 A8FFCB

 000000

 C5FFE7

 E3FFFF

 008949

 0E894F

 1B8956

 29895C

 378963

 458969

 52896F

 608976

 6E897C

 7B8983

Harmonies

Analogous

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



5E8221



008949



008C78

Triad

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



008949



007BD2



C5524A

Complementary

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



008949



890040

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.



C74A76



008949



796AC5

Square

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



008949



0087C6



AF56A3



AF6424

Rectangle

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



008949



008C97



AF56A3



C84D58

Sweetspot

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



008949



7DB399



428900



39594A



D9D9D9



595959

Same Dimension

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



008949



00B35F



008789



3E4542



008547



000503

Inverse Universe

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



890040



B30053



890200



453E41



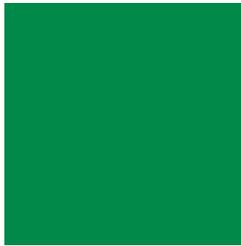
85003E



050002

Previews

White Background



This preview shows how the Hex color 008949 looks on a white background.

Color Contrast Check

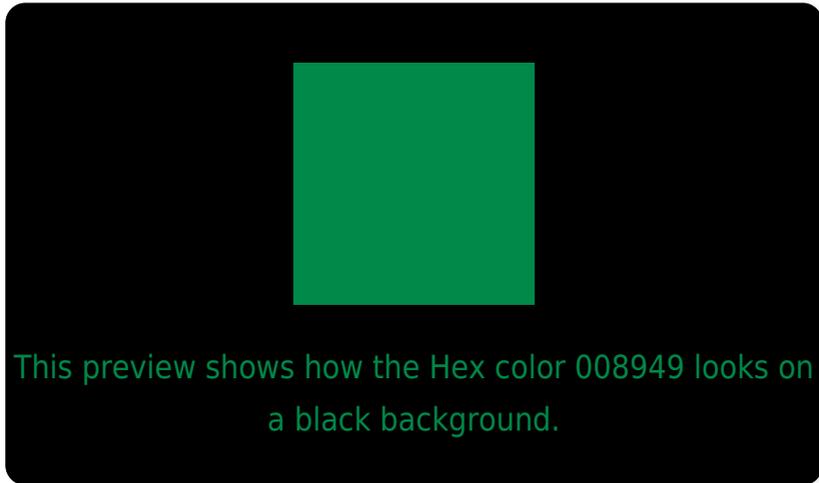
Large Text (above 18pt) WCAG AA ✓ Pass

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 008949 Background



This preview shows how black text looks on a background with the Hex color 008949.

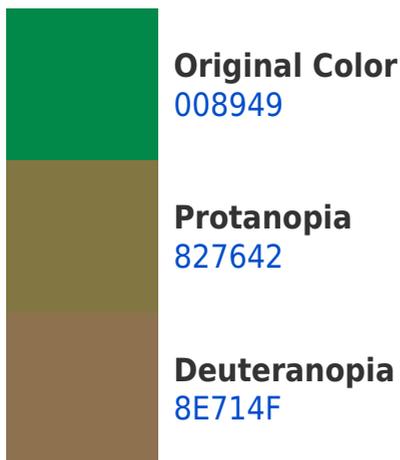


This preview shows how white text looks on a background with the Hex color 008949.

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
34818C

Trichromacy



Original Color
008949



Protanomaly
537D45



Deuteranomaly
5A7A4D

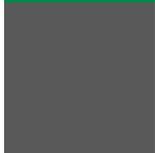


Tritanomaly
218474

Monochromacy



Original Color
008949



Achromatopsia
595959



Achromatomaly
396A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 008949 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 #008949 looks like.

```
.text, #text, p{  
    color:#008949  
}
```

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 #008949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008949
}
```

Border

The CSS property to change the border of an element to Hex 008949 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
#008949 }
```

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

```
.border{ border-color:#008949 }
```

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

Here you see how a box with a 4 pixel #008949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008949; -webkit-box-shadow:4px 4px  
4px 4px #008949; box-shadow:4px 4px 4px  
4px #008949 }
```

Background

The CSS property to change the background color of an element to Hex 008949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008949 }
```

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

```
.background{ background-color:#008949 }
```

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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