

Converting Colors

Hex(008946)

Have a look what the booklet for
Hex(008946) contains.

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Color

Hex(008946)

Conversions

Conversions Part 1

Format	Color
Hex	008946
RGB	0, 137, 70
RGB Percent	0%, 54%, 27%
CMY	1.0000, 0.4627, 0.7255
CMYK	1.00, 0.00, 0.49, 0.46
HSL	151°, 100%, 27%
HSV	151°, 100%, 54%
XYZ	10.0512, 18.3335, 8.8033
YIQ	88.3990, -60.1450, -49.8810

Conversions

Conversions Part 2

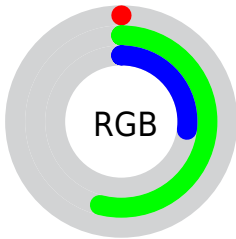
Format	Color
RYB	0, 91, 137
Decimal	35142
CIELab	49.90, -47.60, 27.14
CIELCh	50, 54.791, 150.313
Yxy	18.3335, 0.2703, 0.4930
Android (android.graphics.Color)	4278225222 (0xFF008946)
YUV	88.3990, -9.0707, -77.5259
Hunter-Lab	42.8177, -33.0292, 17.7823

Details

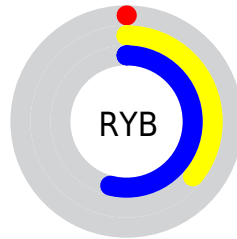
The Hex color **008946** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **890043**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52C077**, and **005618** is the 20% darker color. If you saturate the color by 10%, you get **008946**, and if you desaturate by 10%, it is **0E894D**.

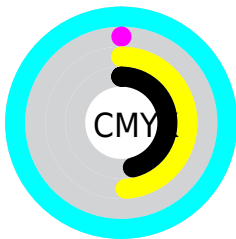
Distribution



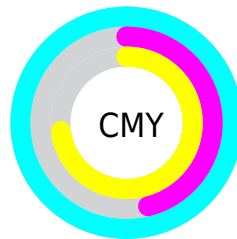
- Red (0%)
- Green (54%)
- Blue (27%)



- Red (0%)
- Yellow (36%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008946 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 008946 by changing the saturation by 10% instead.

 008946

 008946

FFFFFF

 006F2F

 52C077

 005618

 6FDC91

 003D00

 8BF9AC

 002800

 A8FFC8

 000000

 C5FFE4

 E3FFFF

 008946

 0E894D

 1B8953

 29895A

 378961

 458968

 52896E

 608975

 6E897C

 7B8982

Harmonies

Analogous

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



5F821C



008946



008C76

Triad

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



008946



007CD4



C7504A

Complementary

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



008946



890043

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.



C84878



008946



766AC8

Square

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



008946



0087C7



AF55A6



B16323

Rectangle

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



008946



008C96



AF55A6



CA4B59

Sweetspot

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



008946



7DB398



458900



39594A



D9D9D9



595959

Same Dimension

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



008946



00B35B



008989



3E4541



008544



000503

Inverse Universe

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



890043



B30057



890000



453E41



850041



050002

Previews

White Background



This preview shows how the Hex color 008946 looks on a white background.

Color Contrast Check

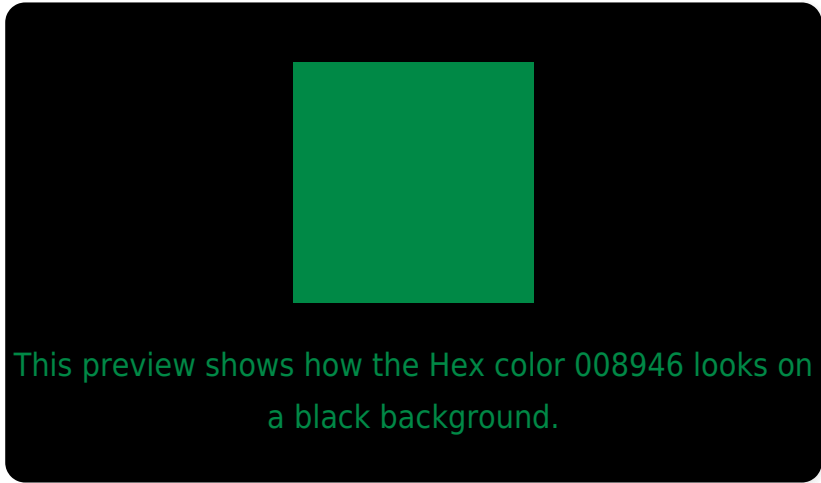
Large Text (above 18pt) WCAG AA ✓ Pass

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

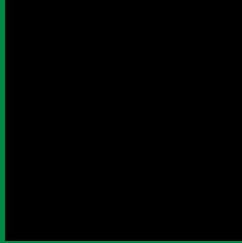
Any Text WCAG AA ✓ Pass

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 008946 Background



This preview shows how black text looks on a background with the Hex color 008946.

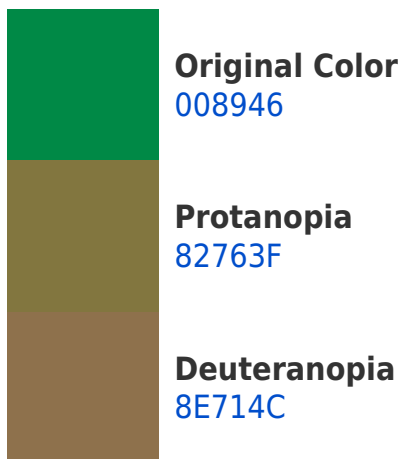



This preview shows how white text looks on a background with the Hex color 008946.

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
008946



Protanomaly
537D42



Deuteranomaly
5A7A4A



Tritanomaly
218473

Monochromacy



Original Color
008946



Achromatopsia
585858



Achromatomaly
386A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 008946 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 #008946 looks like.

```
.text, #text, p{  
    color:#008946  
}
```

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 #008946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008946
}
```

Border

The CSS property to change the border of an element to Hex 008946 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
#008946 }
```

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

```
.border{ border-color:#008946 }
```

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

Here you see how a box with a 4 pixel #008946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008946; -webkit-box-shadow:4px 4px  
4px 4px #008946; box-shadow:4px 4px 4px  
4px #008946 }
```

Background

The CSS property to change the background color of an element to Hex 008946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008946 }
```

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

```
.background{ background-color:#008946 }
```

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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