

Converting Colors

Hex(008A4F)

Have a look what the booklet for
Hex(008A4F) contains.

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Color

Hex(008A4F)

Conversions

Conversions Part 1

Format	Color
Hex	008A4F
RGB	0, 138, 79
RGB Percent	0%, 54%, 31%
CMY	1.0000, 0.4588, 0.6902
CMYK	1.00, 0.00, 0.43, 0.46
HSL	154°, 100%, 27%
HSV	154°, 100%, 54%
XYZ	10.4998, 18.7415, 10.4612
YIQ	90.0120, -63.3090, -47.6050

Conversions

Conversions Part 2

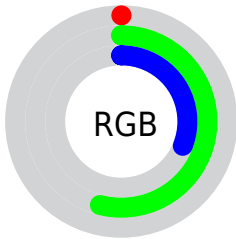
Format	Color
RYB	0, 88, 138
Decimal	35407
CIELab	50.38, -46.22, 22.85
CIELCh	50, 51.564, 153.693
Yxy	18.7415, 0.2645, 0.4720
Android (android.graphics.Color)	4278225487 (0xFF008A4F)
YUV	90.0120, -5.4289, -78.9405
Hunter-Lab	43.2914, -32.4672, 15.9768

Details

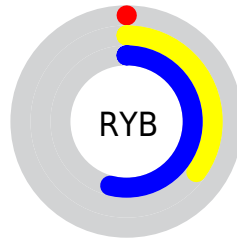
The Hex color **008A4F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8A003B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **52C181**, and **005721** is the 20% darker color. If you saturate the color by 10%, you get **008A4F**, and if you desaturate by 10%, it is **0E8A55**.

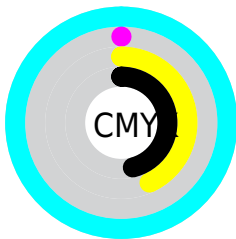
Distribution



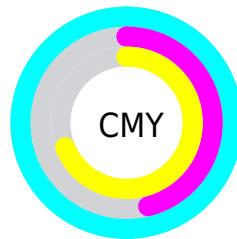
- Red (0%)
- Green (54%)
- Blue (31%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A4F 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 008A4F by changing the saturation by 10% instead.

 008A4F

 008A4F

FFFFFF

 007038

 52C181

 005721

 6FDD9B

 003E0B

 8CFAB6

 002900

 A8FFD2

 000300

 C5FFEE

 000000

 E3FFFF

 008A4F

 0E8A55

 1C8A5B

 298A61

 378A67

 458A6D

 538A72

 618A78

 6E8A7E

 7C8A84

Harmonies

Analogous

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



5C8329



008A4F



008D7C

Triad

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



008A4F



007BD0



C3564A

Complementary

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



008A4F



8A003B

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.



C64E74



008A4F



806AC1

Square

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



008A4F



0087C6



B157A0



AD6727

Rectangle

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



008A4F



008D9A



B157A0



C75157

Sweetspot

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



008A4F



7DB39C



3C8A00



39594C



D9D9D9



595959

Same Dimension

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



008A4F



00B366



00818A



3E4542



00854C



000503

Inverse Universe

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



8A003B



B3004C



8A0900



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 008A4F looks on a white background.

Color Contrast Check

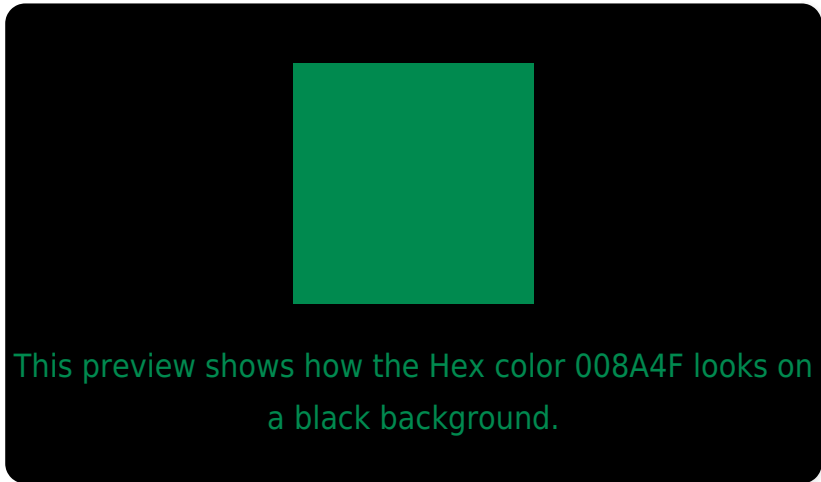
Large Text (above 18pt) WCAG AA ✓ Pass

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 008A4F Background



This preview shows how black text looks on a background with the Hex color 008A4F.

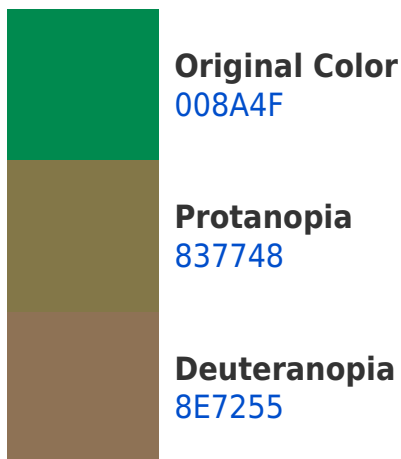


This preview shows how white text looks on a background with the Hex color 008A4F.

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
33838D

Trichromacy



Original Color
008A4F



Protanomaly
537E4B



Deuteranomaly
5A7B53



Tritanomaly
208676

Monochromacy



Original Color
008A4F



Achromatopsia
5A5A5A



Achromatomaly
396B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A4F 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 #008A4F looks like.

```
.text, #text, p{  
    color:#008A4F  
}
```

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 #008A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A4F
}
```

Border

The CSS property to change the border of an element to Hex 008A4F 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
#008A4F }
```

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

```
.border{ border-color:#008A4F }
```

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

Here you see how a box with a 4 pixel #008A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A4F; -webkit-box-shadow:4px 4px  
4px 4px #008A4F; box-shadow:4px 4px 4px  
4px #008A4F }
```

Background

The CSS property to change the background color of an element to Hex 008A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A4F }
```

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

```
.background{ background-color:#008A4F }
```

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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