

Converting Colors

Hex(008A57)

Have a look what the booklet for
Hex(008A57) contains.

Hex(008A57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008A57)

Conversions

Conversions Part 1

Format	Color
Hex	008A57
RGB	0, 138, 87
RGB Percent	0%, 54%, 34%
CMY	1.0000, 0.4588, 0.6588
CMYK	1.00, 0.00, 0.37, 0.46
HSL	158°, 100%, 27%
HSV	158°, 100%, 54%
XYZ	10.8088, 18.8651, 12.0885
YIQ	90.9240, -65.8770, -45.1170

Conversions

Conversions Part 2

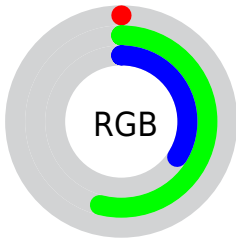
Format	Color
RYB	0, 85, 138
Decimal	35415
CIELab	50.53, -44.52, 18.58
CIELCh	51, 48.243, 157.347
Yxy	18.8651, 0.2588, 0.4517
Android (android.graphics.Color)	4278225495 (0xFF008A57)
YUV	90.9240, -1.9345, -79.7403
Hunter-Lab	43.4339, -31.5887, 13.9023

Details

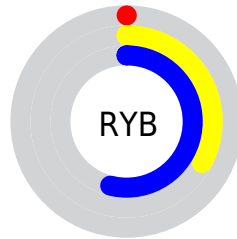
The Hex color **008A57** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8A0033**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52C089**, and **005729** is the 20% darker color. If you saturate the color by 10%, you get **008A57**, and if you desaturate by 10%, it is **0E8A5C**.

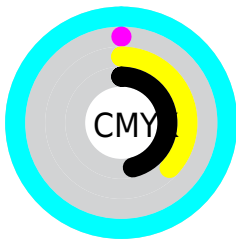
Distribution



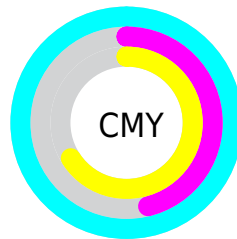
- Red (0%)
- Green (54%)
- Blue (34%)



- Red (0%)
- Yellow (33%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A57 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 008A57 by changing the saturation by 10% instead.

 008A57

 008A57

FFFFFF

 00703F

 52C089

 005729

 6FDDA4

 003E14

 8CFABF

 002900

 A8FFDB

 000400

 C6FFF7

 000000

 E3FFFF

 008A57

 0E8A5C

 1C8A61

 298A66

 378A6B

 458A71

 538A76

 618A7B

 6E8A80

 7C8A85

Harmonies

Analogous

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



598433



008A57



008C81

Triad

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



008A57



377ACA



BE5B49

Complementary

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



008A57



8A0033

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.



C35270



008A57



8869BA

Square

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



008A57



0085C4



B25999



A76B2A

Rectangle

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



008A57



008C9D



B25999



C25755

Sweetspot

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



008A57



7DB39F



358A00



39594D



D9D9D9



595959

Same Dimension

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



008A57



00B371



007A8A



3E4542



008554



000503

Inverse Universe

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



8A0033



B30042



8A1000



453E41



850031



050002

Previews

White Background



This preview shows how the Hex color 008A57 looks on a white background.

Color Contrast Check

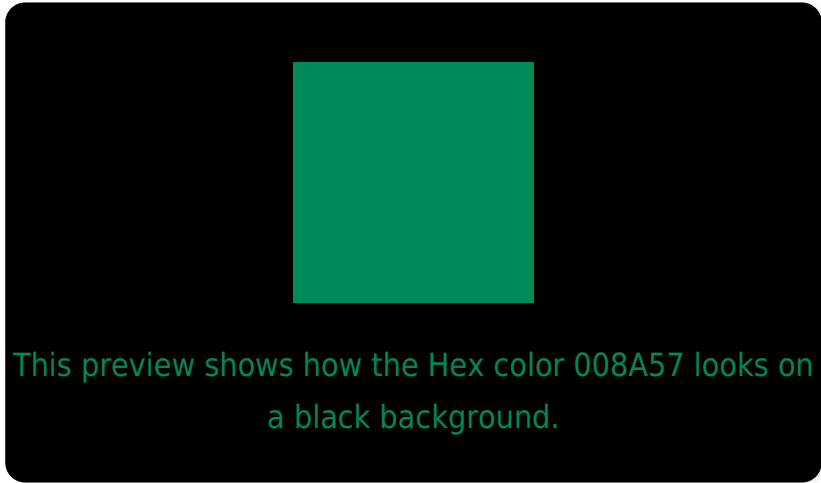
Large Text (above 18pt) WCAG AA ✓ Pass

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 008A57 Background



This preview shows how black text looks on a background with the Hex color 008A57.

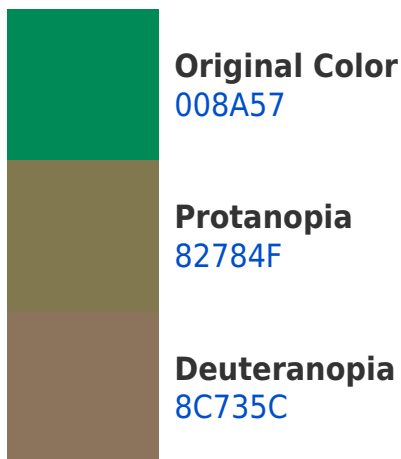


This preview shows how white text looks on a background with the Hex color 008A57.

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
31838E

Trichromacy



Original Color
008A57



Protanomaly
537F52



Deuteranomaly
597B5A



Tritanomaly
1F867A

Monochromacy



Original Color
008A57



Achromatopsia
5B5B5B



Achromatomaly
3A6C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A57 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 #008A57 looks like.

```
.text, #text, p{  
    color:#008A57  
}
```

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 #008A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A57
}
```

Border

The CSS property to change the border of an element to Hex 008A57 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
#008A57 }
```

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

```
.border{ border-color:#008A57 }
```

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

Here you see how a box with a 4 pixel #008A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A57; -webkit-box-shadow:4px 4px  
4px 4px #008A57; box-shadow:4px 4px 4px  
4px #008A57 }
```

Background

The CSS property to change the background color of an element to Hex 008A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A57 }
```

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

```
.background{ background-color:#008A57 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor