

Converting Colors

Hex(008A3C)

Have a look what the booklet for
Hex(008A3C) contains.

Hex(008A3C)	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(008A3C)

Conversions

Conversions Part 1

Format	Color
Hex	008A3C
RGB	0, 138, 60
RGB Percent	0%, 54%, 24%
CMY	1.0000, 0.4588, 0.7647
CMYK	1.00, 0.00, 0.57, 0.46
HSL	146°, 100%, 27%
HSV	146°, 100%, 54%
XYZ	9.9041, 18.5032, 7.3244
YIQ	87.8460, -57.2100, -53.5140

Conversions

Conversions Part 2

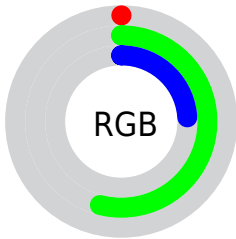
Format	Color
RYB	0, 96, 138
Decimal	35388
CIELab	50.10, -49.63, 32.63
CIELCh	50, 59.396, 146.679
Yxy	18.5032, 0.2772, 0.5178
Android (android.graphics.Color)	4278225468 (0xFF008A3C)
YUV	87.8460, -13.7281, -77.0409
Hunter-Lab	43.0153, -34.1780, 20.0151

Details

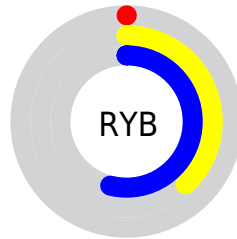
The Hex color **008A3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A004E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **52C16D**, and **00560B** is the 20% darker color. If you saturate the color by 10%, you get **008A3C**, and if you desaturate by 10%, it is **0E8A44**.

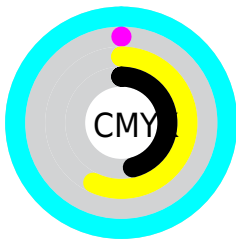
Distribution



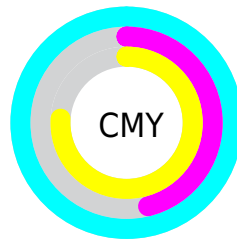
- Red (0%)
- Green (54%)
- Blue (24%)



- Red (0%)
- Yellow (38%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A3C 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 008A3C by changing the saturation by 10% instead.

 008A3C

 008A3C

FFFFFF

 007024

 52C16D

 00560B

 6FDD87

 003E00

 8CFAA2

 002800

 A9FFBD

 000100

 C6FFD9

 000000

 E4FFF6

 008A3C

 0E8A44

 1C8A4C

 298A53

 378A5B

 458A63

 538A6B

 618A73

 6E8A7A

 7C8A82

Harmonies

Analogous

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



638207



008A3C



008E70

Triad

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



008A3C



007FDD



CF494D

Complementary

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



008A3C



8A004E

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.



CD437F



008A3C



6A6CD2

Square

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



008A3C



008ACB



AE54AF



B95E20

Rectangle

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



008A3C



008E93



AE54AF



D1445D

Sweetspot

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



008A3C



7DB394



4E8A00



395947



D9D9D9



595959

Same Dimension

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



008A3C



00B34E



008A81



3E4541



00853A



000502

Inverse Universe

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



8A004E



B30065



8A0009



453E42



85004B



050003

Previews

White Background



This preview shows how the Hex color 008A3C looks on a white background.

Color Contrast Check

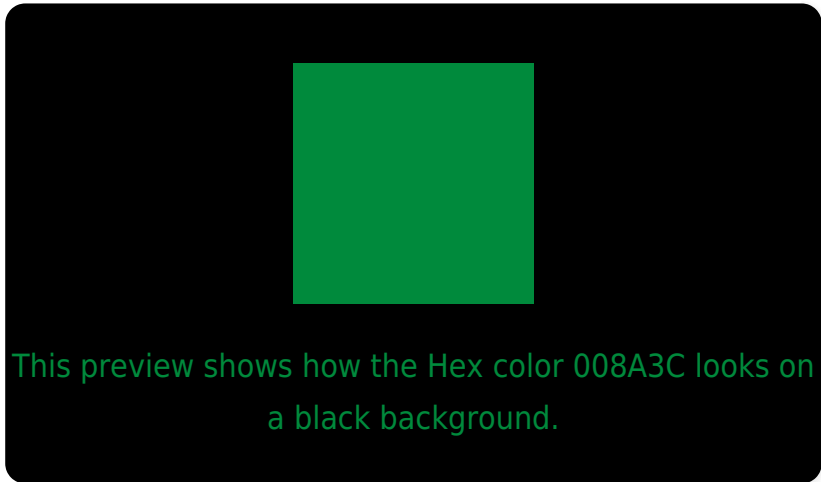
Large Text (above 18pt) WCAG AA ✓ Pass

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 008A3C Background



This preview shows how black text looks on a background with the Hex color 008A3C.



This preview shows how white text looks on a background with the Hex color 008A3C.

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
008A3C

Protanopia
847736

Deuteranopia
917143



Tritanopia
36828C

Trichromacy



Original Color
008A3C



Protanomaly
547E38



Deuteranomaly
5C7A40



Tritanomaly
22856F

Monochromacy



Original Color
008A3C



Achromatopsia
585858



Achromatomaly
386A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A3C 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 #008A3C looks like.

```
.text, #text, p{  
    color:#008A3C  
}
```

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 #008A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A3C
}
```

Border

The CSS property to change the border of an element to Hex 008A3C 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
#008A3C }
```

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

```
.border{ border-color:#008A3C }
```

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

Here you see how a box with a 4 pixel #008A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A3C; -webkit-box-shadow:4px 4px  
4px 4px #008A3C; box-shadow:4px 4px 4px  
4px #008A3C }
```

Background

The CSS property to change the background color of an element to Hex 008A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A3C }
```

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

```
.background{ background-color:#008A3C }
```

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