

# Converting Colors

Hex(008C3C)

Have a look what the booklet for  
Hex(008C3C) contains.

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**Color**

**Hex(008C3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008C3C
RGB	0, 140, 60
RGB Percent	0%, 55%, 24%
CMY	1.0000, 0.4510, 0.7647
CMYK	1.00, 0.00, 0.57, 0.45
HSL	146°, 100%, 27%
HSV	146°, 100%, 55%
XYZ	10.1937, 19.0824, 7.4210
YIQ	89.0200, -57.7600, -54.5600

# Conversions

## Conversions Part 2

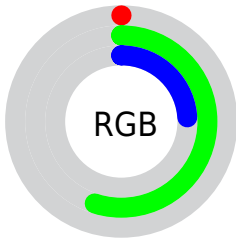
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 98, 140
Decimal	35900
CIELab	50.78, -50.30, 33.45
CIELCh	51, 60.409, 146.378
Yxy	19.0824, 0.2778, 0.5200
Android (android.graphics.Color)	4278225980 (0xFF008C3C)
YUV	89.0200, -14.3069, -78.0705
Hunter-Lab	43.6834, -34.7923, 20.5062

# Details

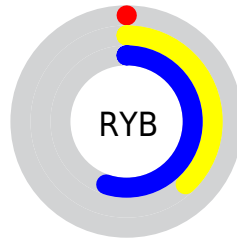
The Hex color **008C3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C0050**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53C36E**, and **00580B** is the 20% darker color. If you saturate the color by 10%, you get **008C3C**, and if you desaturate by 10%, it is **0E8C44**.

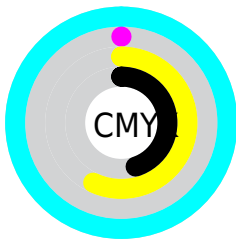
# Distribution



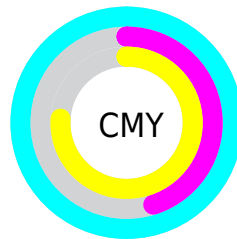
- Red (0%)
- Green (55%)
- Blue (24%)



- Red (0%)
- Yellow (38%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008C3C 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 008C3C by changing the saturation by 10% instead.



 008C3C

 008C3C

FFFFFF

 007224

 53C36E

 00580B

 70DF87

 004000

 8DFCA2

 002A00

 AAFFBE

 000500

 C7FFDA

 000000

 E5FFF6

 008C3C

 0E8C44

 1C8C4C

 2A8C54

 388C5C

 468C64

 548C6C

 628C74

 708C7C

 7E8C84

# Harmonies

## Analogous

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



658304



008C3C



009071

# Triad

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



008C3C



0081E0



D2494E

# Complementary

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



008C3C



8C0050

# 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.



D04381



008C3C



6A6ED6

# Square

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



008C3C



008CCE



B055B3



BC5F20

# Rectangle

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



008C3C



009195



B055B3



D4445F



# Sweetspot

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



008C3C



7FB596



528C00



3B5C49



DBDBDB



5C5C5C



# Same Dimension

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



008C3C



00B54E



008C80



3E4541



008539



000502



# Inverse Universe

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



8C0050



B50067



8C000C



453E42



85004C



050003



# Previews

## White Background



This preview shows how the Hex color 008C3C looks on a white background.

## Color Contrast Check

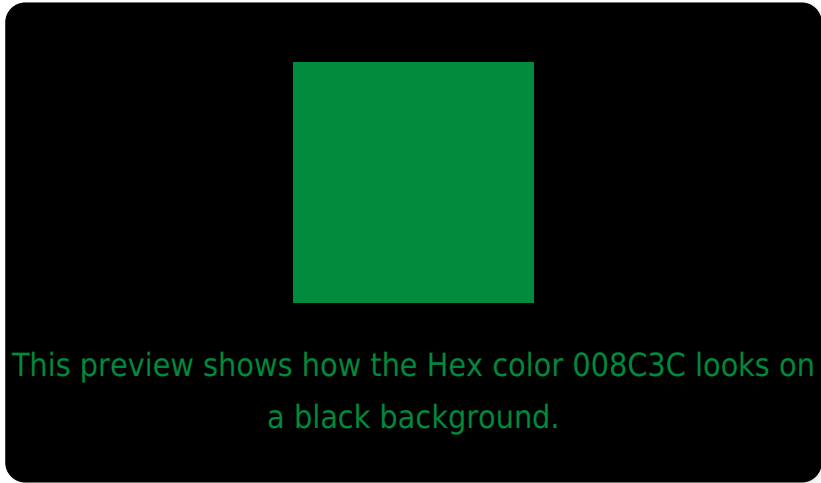
Large Text (above 18pt) WCAG AA ✓ Pass

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 008C3C Background



This preview shows how black text looks on a background with the Hex color 008C3C.



This preview shows how white text looks on a background with the Hex color 008C3C.

# 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**  
008C3C

**Protanopia**  
867936

**Deuteranopia**  
937343



**Tritanopia**  
37838E

# Trichromacy



**Original Color**  
008C3C



**Protanomaly**  
558038



**Deuteranomaly**  
5E7C40



**Tritanomaly**  
238670

# Monochromacy



**Original Color**  
008C3C



**Achromatopsia**  
595959



**Achromatomaly**  
396C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008C3C 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 #008C3C looks like.

```
.text, #text, p{  
    color:#008C3C  
}
```

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 #008C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C3C
}
```

## Border

The CSS property to change the border of an element to Hex 008C3C 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
#008C3C }
```

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

```
.border{ border-color:#008C3C }
```

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

Here you see how a box with a 4 pixel #008C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C3C; -webkit-box-shadow:4px 4px  
4px 4px #008C3C; box-shadow:4px 4px 4px  
4px #008C3C }
```

# Background

The CSS property to change the background color of an element to Hex 008C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C3C }
```

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

```
.background{ background-color:#008C3C }
```

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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