

# Converting Colors

Hex(008E3E)

Have a look what the booklet for  
Hex(008E3E) contains.

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# Color

Hex(008E3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008E3E
RGB	0, 142, 62
RGB Percent	0%, 56%, 24%
CMY	1.0000, 0.4431, 0.7569
CMYK	1.00, 0.00, 0.56, 0.44
HSL	146°, 100%, 28%
HSV	146°, 100%, 56%
XYZ	10.5425, 19.6938, 7.8031
YIQ	90.4220, -58.9520, -54.9840

# Conversions

## Conversions Part 2

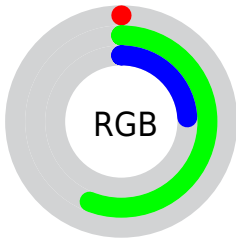
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 142
Decimal	36414
CIELab	51.49, -50.67, 33.29
CIELCh	51, 60.622, 146.696
Yxy	19.6938, 0.2771, 0.5177
Android (android.graphics.Color)	4278226494 (0xFF008E3E)
YUV	90.4220, -14.0120, -79.3001
Hunter-Lab	44.3777, -35.2560, 20.6392

# Details

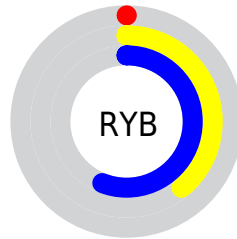
The Hex color **008E3E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8E0050**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **53C570**, and **005A0D** is the 20% darker color. If you saturate the color by 10%, you get **008E3E**, and if you desaturate by 10%, it is **0E8E46**.

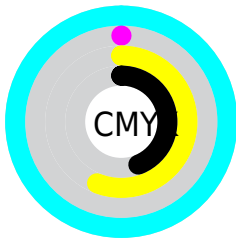
# Distribution



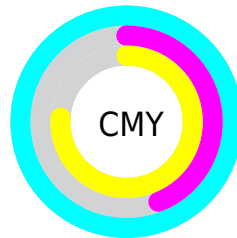
- Red (0%)
- Green (56%)
- Blue (24%)



- Red (0%)
- Yellow (39%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008E3E 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 008E3E by changing the saturation by 10% instead.



 008E3E

 008E3E

FFFFFF

 007426

 53C570

 005A0D

 71E18A

 004100

 8EFEA4

 002C00

 ABFFC0

 000A00

 C8FFDC

 000000

 E6FFF9

 008E3E

 0E8E46

 1C8E4E

 2B8E56

 398E5E

 478E66

 558E6E

 638E76

 728E7E

 808E86

# Harmonies

## Analogous

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



668507



008E3E



009273

# Triad

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



008E3E



0083E3



D44B4F

# Complementary

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



008E3E



8E0050

# 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.



D34583



008E3E



6D6FD8

# Square

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



008E3E



008ED1



B357B4



BE6121

# Rectangle

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



008E3E



009397



B357B4



D74660



# Sweetspot

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



008E3E



81B899



508E00



3B5C49



DBDBDB



5C5C5C



# Same Dimension

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



008E3E



00B850



008E85



404743



00873B



000803



# Inverse Universe

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



8E0050



B80067



8E0009



474044



87004C



080004



# Previews

## White Background



This preview shows how the Hex color 008E3E looks on a white background.

## Color Contrast Check

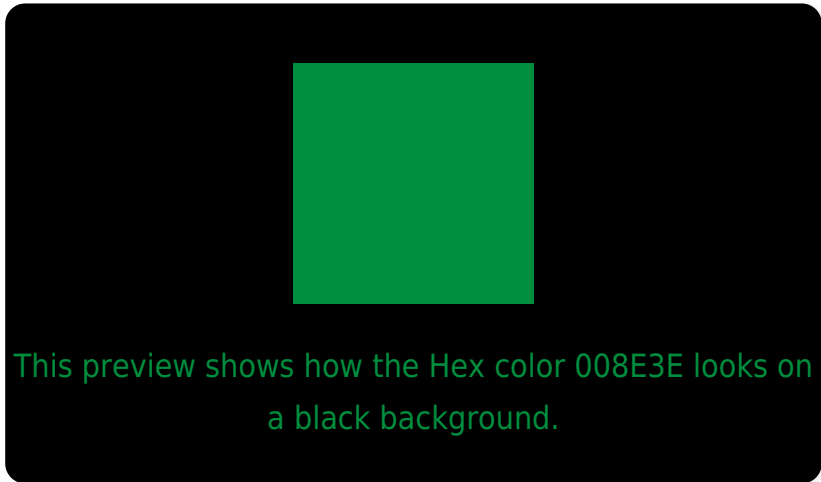
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E3E Background



This preview shows how black text looks on a background with the Hex color 008E3E.

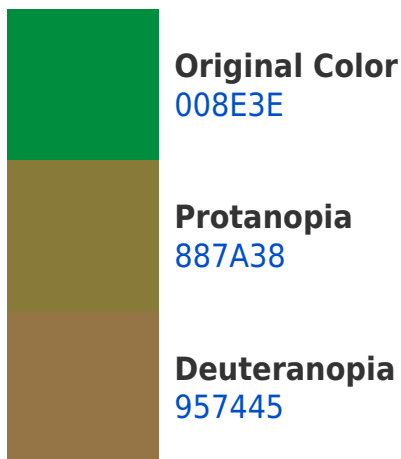


This preview shows how white text looks on a background with the Hex color 008E3E.

# 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**  
388590

# Trichromacy



**Original Color**  
008E3E



**Protanomaly**  
57813A



**Deuteranomaly**  
5F7D42



**Tritanomaly**  
248872

# Monochromacy



**Original Color**  
008E3E



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008E3E 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 #008E3E looks like.

```
.text, #text, p{  
    color:#008E3E  
}
```

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 #008E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E3E
}
```

## Border

The CSS property to change the border of an element to Hex 008E3E 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
#008E3E }
```

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

```
.border{ border-color:#008E3E }
```

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

Here you see how a box with a 4 pixel #008E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E3E; -webkit-box-shadow:4px 4px  
4px 4px #008E3E; box-shadow:4px 4px 4px  
4px #008E3E }
```

# Background

The CSS property to change the background color of an element to Hex 008E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E3E }
```

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

```
.background{ background-color:#008E3E }
```

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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