

# Converting Colors

Hex(008F3E)

Have a look what the booklet for  
Hex(008F3E) contains.

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# Color

Hex(008F3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	008F3E
RGB	0, 143, 62
RGB Percent	0%, 56%, 24%
CMY	1.0000, 0.4392, 0.7569
CMYK	1.00, 0.00, 0.57, 0.44
HSL	146°, 100%, 28%
HSV	146°, 100%, 56%
XYZ	10.6920, 19.9927, 7.8529
YIQ	91.0090, -59.2270, -55.5070

# Conversions

## Conversions Part 2

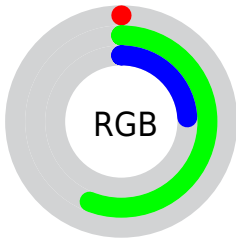
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 143
Decimal	36670
CIELab	51.83, -51.00, 33.70
CIELCh	52, 61.126, 146.547
Yxy	19.9927, 0.2774, 0.5188
Android (android.graphics.Color)	4278226750 (0xFF008F3E)
YUV	91.0090, -14.3014, -79.8149
Hunter-Lab	44.7132, -35.5647, 20.8863

# Details

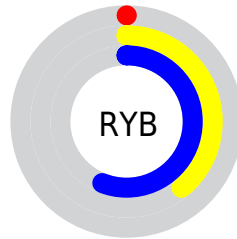
The Hex color **008F3E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8F0051**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **54C670**, and **005B0D** is the 20% darker color. If you saturate the color by 10%, you get **008F3E**, and if you desaturate by 10%, it is **0E8F46**.

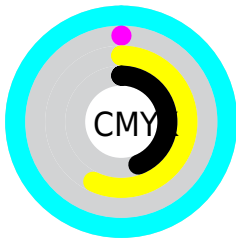
# Distribution



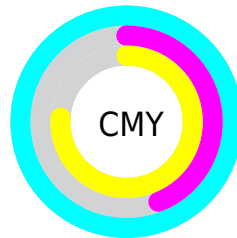
- Red (0%)
- Green (56%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 008F3E 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 008F3E by changing the saturation by 10% instead.



 008F3E

 008F3E

FFFFFF

 007526

 54C670

 005B0D

 71E28A

 004200

 8EFFA4

 002D00

 ABFFC0

 000C00

 C9FFDC

 000000

 E6FFF9

 008F3E

 0E8F46

 1D8F4E

 2B8F56


 398F5E

 488F66

 568F6F

 648F77

 728F7F

 818F87

# Harmonies

## Analogous

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



678606



008F3E



009374

# Triad

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



008F3E



0084E5



D64B50

# Complementary

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



008F3E



8F0051

# 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.



D44584



008F3E



6E70DA

# Square

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



008F3E



008FD3



B457B6



C06221

# Rectangle

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



008F3E



009498



B457B6



D94661



# Sweetspot

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



008F3E



82BA9B



518F00



3C5E4B



DEDEDE



5E5E5E



# Same Dimension

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



008F3E



00BA51



008F85



404743



00873B



000803



# Inverse Universe

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



8F0051



BA0069



8F000A



474044



87004D



080004



# Previews

## White Background



This preview shows how the Hex color 008F3E looks on a white background.

## Color Contrast Check

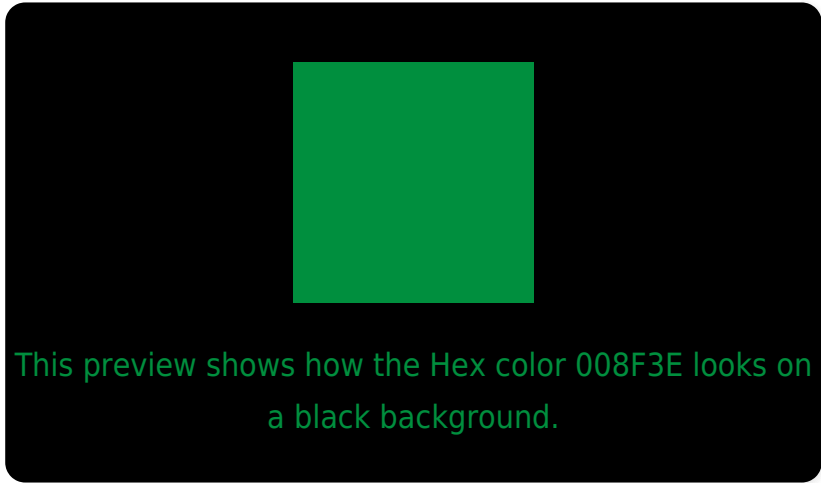
Large Text (above 18pt) WCAG AA ✓ Pass

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 008F3E Background



This preview shows how black text looks on a background with the Hex color 008F3E.



This preview shows how white text looks on a background with the Hex color 008F3E.

# 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**  
008F3E

**Protanopia**  
887B38

**Deuteranopia**  
967545



**Tritanopia**  
388691

# Trichromacy



**Original Color**  
008F3E



**Protanomaly**  
57823A



**Deuteranomaly**  
5F7E42



**Tritanomaly**  
248973

# Monochromacy



**Original Color**  
008F3E



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
3A6E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008F3E 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 #008F3E looks like.

```
.text, #text, p{  
    color:#008F3E  
}
```

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 #008F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F3E
}
```

## Border

The CSS property to change the border of an element to Hex 008F3E 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
#008F3E }
```

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

```
.border{ border-color:#008F3E }
```

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

Here you see how a box with a 4 pixel #008F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F3E; -webkit-box-shadow:4px 4px  
4px 4px #008F3E; box-shadow:4px 4px 4px  
4px #008F3E }
```

# Background

The CSS property to change the background color of an element to Hex 008F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F3E }
```

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

```
.background{ background-color:#008F3E }
```

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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